



**LIFE16 GIC/EN/000099**  
**Final Report**  
**Covering Project activities from 01/06/2017 to 31/12/2022**  
**NATURE FOR CITY LIFE**

**Project information**

<b>Project location:</b>	The three Metropolitan territories of Provence-Alpes-Côte d'Azur	
<b>Project start date:</b>	01/06/2017	
<b>Project end date:</b>	31/08/2022	<b>Extension date:</b> 31/12/2022
<b>Total budget:</b>	€3,715,626	
<b>EU contribution:</b>	€1,990,000	
<b>(%) of eligible costs:</b>	59.35%	

**Data Beneficiary**

<b>Beneficiary name:</b>	Provence-Alpes-Côte d'Azur Region
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**Mrs. Géraldine Pollet, Deputy Director General of the Department of Territorial Planning and Sustainable Development. Tuesday 20<sup>th</sup> June 2023**

CeA

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## 2. List of keywords and abbreviations

Throughout the document the acronyms are capitalized from the initials of the French words. Their meaning in English is explained below:

**AMU:** Aix-Marseille University

**ARBE:** Regional Environment and Biodiversity Agency of Provence-Alpes-Côte d'Azur.

**AUDAT.Var:** Urban Planning Agency of the Toulon Area and the Var

**AUPA:** Pays d'Aix Urban Planning Agency

**AVAP:** Architectural and Heritage Enhancement Area

**AVITEM:** Agency for Mediterranean Cities and Territories.

**BGR 2013** (LIFE BGR as indicated in the application): Bureau of the Guides Association of the GR 2013 hiking trail.

**CCTP:** Book of Specific Technical Clauses (technical part of a public contract)

**CEREMA:** Center for Studies and Expertise on Risks, Environment, Mobility and Planning

**CINEA:** European Climate, Infrastructure and Environment Agency

**CNFPT:** Territorial Civilian Service Training Center

**COPIL:** Steering Committee.

**COTECH:** Technical Committee.

**CRPM:** Conference of Peripheral Maritime Regions.

**CTT:** Thematic Technical Committee.

**DBM:** Direction of the Biodiversity and the Sea.

**DGA:** Deputy Directorate General.

**EASME:** Executive Agency for Small and Medium-sized Enterprises.

**ESDM:** Marseille Graduate School of Design.

**IVB/GBI:** Green and Blue Infrastructure.

**LPED** (AMU LPED as indicated in the application): Population Environment and Development Laboratory of AMU.

**MAMP** (AMP METRO as indicated in the application): Aix-Marseille Provence Metropolis.

**MNCA** (NCA METRO as indicated in the application): Nice-Côte d'Azur Metropolis.

**MOOC:** Massive Open Online Courses.

**MTPM** (TPM AGGLO as indicated in the application): Toulon-Provence-Méditerranée Metropolis.

**NFC LIFE:** Nature for City LIFE.

**NFCL:** Nature for City LIFE.

**NOTRe:** Law No. 2015-991 of August 7, 2015 on the new territorial organization of the Republic.

**NPNRU:** New Urban Renewal Policy

**OAP:** Planning and Programming Guidelines

**OIN:** National Interest Operation (urban development operation)

**PADD:** Project for Sustainable Planning and Development)

**PCAET:** Climate-Air-Energy Territorial Plan

**PLU/PLUi/PLUm:** Local Urban / Inter-Municipal / Metropolitan Plan

**RAF** (RAF-LIFE as indicated in the application): Administrative and Financial Manager of the Project.

**REGION SUD** (PACA REG as indicated in the application): South Provence-Alpes-Côte d'Azur Region.

**SBPTR** (ex SEB): Biodiversity, Parks and Rural Territories Department of the South Provence-Alpes-Côte d'Azur Region.

**SCOT:** Territorial Coherence Scheme

**SEDD:** European Week of Sustainable Development.

**SRADDET:** Regional Scheme for Sustainable Development and Planning and Territorial Equality.

**TMA:** The MOOC Agency

**ZAC:** Cooperative Urban Development Zone

### 3. Executive Summary

The “Nature For City LIFE Project: Governance for Climate Change Adaptation of Coastal Metropolises in Provence-Alpes-Côte d'Azur” is led by the Provence Alpes Côte d'Azur Region (Region Sud). It brings together for a period of five years (2017-2022) seven beneficiary Partners: the Metropolises of Aix-Marseille-Provence (MAMP), Nice-Côte d'Azur (MNCA) and Toulon-Provence-Méditerranée (MTPM), the City of Marseille, the University of Aix-Marseille (AMU) and the associations ATMOSUD and Bureau des Guides GR2013 (BGR2013). Officially ending on August 31, 2022, it was the subject of an amendment request accepted by the European Commission in October 2022 for an end to the Project on December 31, 2022. The Project aims to develop and strengthen nature in the city, through green and blue infrastructure, to adapt to climate change and strengthen the attractiveness of the three regional metropolises (Aix-Marseille-Provence, Toulon Provence Méditerranée and Nice-Côte d'Azur). The operational realization of this objective requires information, awareness and training of various audiences and stakeholders on the benefits provided by nature in the city. In addition, the Project must make it possible, as a secondary objective, to reinforce the integration of green and blue infrastructures in urban development projects.

The Project has seven Initiatives for its effective implementation, complementary, but independent of one another. Thus, delays in the implementation of some have not affected the implementation of others. **It should be noted that the figures relating to each system are elicited at the level of each action.**

#### 1. Urban monitoring of nature in the city and climate

The aim of this Initiative is to produce physical, sociological and economic data to provide objective evidence of the benefits provided by nature in the city.

The installation of 18 microsensors by AtmoSud to produce meteorological and air quality data was delayed and finalized during 2022. Regarding sociological surveys, a first wave was conducted in 2018/2019 among residents and users, technicians and elected officials. A second wave of surveys was carried out in 2020 among people who had participated in the Bureau des Guides GR2013 walks, MOOCs and workshops, as well as among elected officials through individual interviews. Finally a new survey was renewed in 2022 with the inhabitants and users of Miramas met with in 2018. In parallel to the surveys, three webinars on the social representations of nature in the city were organized with the Region, allowing respectively the sharing of the 2018/2019 surveys on 16/10/2020; those conducted with residents and elected officials on 20/04/2021; and those conducted as part of the NFCL MOOC and the walks organized by the Bureau des Guides GR2013 on 15/11/2021. Finally, in order to address the economic dimension of the surveys envisaged in the Project, the LPED has recruited a Master 2 student in 2022 to prepare a report entitled “Economic Analysis: Nature in the City and Climate Change”.

#### 2. “Nature in the City and Climate” Trail

This Initiative aims to create urban walking routes and a Mobile Drop-in Center entitled “Nature in the City and Climate” to communicate, inform and raise awareness of the multifunctional role of urban Green and Blue Infrastructure (GBI) in the face of climate change. However, the mobile drop-in center was not achievable, being replaced by a panel of alternative Initiatives making it possible to ensure the communication of the initial objectives with the same target audiences. Thus, the Region has acquired ten copies of an exhibition on Nature in the City and Climate under Initiative E1.6, accompanied by an educational kit. The Southern Region, the three Metropolises and the City of Marseille have been provided with two complete kits, which has made it possible to reinforce the awareness and training of the various target audiences throughout the Region. Many urban hikes were organized by the Bureau des Guides GR2013 between 2018 and 2022 in MAMP and MTPM, involving ever more participants. They were reinforced by walks / events organized by MNCA in its territory. With regard to art investments, following the health crisis and the difficulties encountered during the consultation procedures, the contracts launched by Region Sud for the Aix-Marseille Metropolitan Area have been delayed. Also, two works could be installed before the end of 2022. The first one on the Saint Suspi site in Miramas, the second one on the Arbois Technology Park site in Aix-en-Provence.

The Region continued this work in 2022 for the Port-de-Bouc and Marseille sites. For the Fernand Léger Art Center in Port de Bouc, the sketch phase of the work was validated by the Region and the municipality in November 2022. The realization and installation of the art investment is planned for the first half of 2023 within the framework of the After LIFE Plan, using the Region's own funds. In the case of the City of Marseille, this Initiative should possibly be reconsidered in 2023. It transpires that the site approved by the municipality cannot in fact accommodate the work commissioned by the Region and no other layout proposal was formulated by the City, in spite of the alternatives formulated by the Region. In light of this, the public tender signed by the Region with the selected artist "Cabanon vertical" had to therefore be terminated. For MTPM, four art investments were made in 2022 as part of an educational partnership agreement with the TPM Higher School of Fine Arts and Design (ESADTPM). MNCA, however, was unable to complete this Initiative.

### 3. Training of urban designers

The objective of this Initiative is to train all urban designers on the ecosystem benefits provided by nature in the urban environment as well as on the techniques for integrating nature into urban projects, so that decision-makers have a real motivation to integrate more nature into current or future planning documents and development projects. For the training of technicians, the Region, in partnership with the LPED, has created and placed online a Nature in the City and Climate Change MOOC, as an introductory course. Broadcast five times between April 2019 and November 2021, it was complemented by an advanced MOOC, broadcast three times between July 2020 and May 2022. In order to allow for a Europe-wide distribution, these two MOOCs have been translated into 5 languages (English, Spanish, Italian, German and French). For the training of elected officials, the Region and the ARBE have developed feedback sheets. There are 15 of them and they have been promoted since 2020 within networks and events involving elected officials. Thus, in 2021 and 2022, the Region, together with ARBE, has implemented a training program consisting of four customized training modules for elected officials, to enable them to benefit from knowledge on the subject of nature in the city and to be able to carry it across to their territory. Finally, to complete this training, practical workshops between elected officials and technicians were held - until Project completion in December 2022, on planning and strategy tools, as well as on development projects.

### 4. Engaging residents

This Initiative aims to see the implementation of an optional prior consultation on certain urban projects and specifically to hold workshops for residents around the theme of developing nature in the city, to strengthen resilience to climate change. Numerous workshops involving communities, associations, residents and public and private technicians have been held.

### 5. Organization of Forums

The Region held a Project kick-off meeting in early 2018, which informed more than 100 regional stakeholders about the NFCL Project challenges. The first resident forum that was to be held in 2019 was initially postponed to 2020. However, the global health crisis due to the COVID-19 epidemic led to the ultimate cancellation and postponement of all events. This resident forum could finally be held in 2021 on the territory of the NCA Metropolis as part of the Nice Transition Days on September 30 and October 1, 2021. The second resident forum took place in Toulon on May 14, 2022 as part of the 48 hours of Urban Agriculture. These two forums, backed by national and international events, were held in different parts of the Region, which made it possible to mobilize more residents concerned by the implementation of the Project. Similarly, the European forum that was to be held in June 2020, was postponed twice due to the health crisis. It was held remotely in connection with the continuation of the pandemic on July 1, 2021 and in person at the Hôtel de Région in Marseille on October 8, 2021. Finally, the closing forum on Nature in the City and Adaptation to Climate Change took place on the territory of the NCA Metropolis in Nice on June 15, 2022. It allowed the sharing of the final Project results and the organization of visits to iconic Nature in the City sites in the form of urban walks.

### 6. Communication measures

The definition of the Project's graphic charter, its logo, as well as the setting up of a dedicated website and the development of a Project presentation brochure were finalized within the planned timeframe. The website update experienced a slowdown in 2019, but the delay was caught up in the second half of 2020.

Thus, all the headings have been updated and a new item “Communication and resources” has been created to promote the tools and documentary productions created within the framework of the Project. Similarly, the “News” and “Agenda” sections have made it possible to share the Project's highlights and concrete achievements with as many people as possible. They also echo the productions of stakeholders working in the same or related fields as the NFCL Project. In terms of the newsletters, the first one was published and distributed in mid 2020 and was followed by bi-annual newsletters (instead of the anticipated annual pace), which allowed the delay to be caught up. Thus, six newsletters were in fact produced, in accordance with the Grant Agreement.

## 7. Networking Initiatives

The Region's implementation of European networking has two objectives:

- exchange of information, capitalization on the methodologies and contents of training and awareness-raising activities in order to identify the constraints related to the conduct of this type of project;
- to integrate networks related to the theme of LIFE to encourage discussions, and to leverage and boost skills.

Thus, in 2018 and 2019, the Region partnered with at least three LIFE Projects and one INTERREG Project and developed links with the CPMR and Eurocities networks as well as the Euromed Cities network and AVITEM. In 2020, this Initiative was developed within the framework of the preparation of the European forum initially planned for October 2020 and postponed to 2021 due to the health crisis. Written contributions on the theme of Nature in the City and Adaptation to Climate Change were requested from European Partners prior to this forum. Proceedings 2 of the European NFCL forum in October 2021 also devoted a specific round table to “European projects/networks: feedback and good practices/transferability”. It brought together the Life ARTISAN and the Euromed Cities Network, in partnership with the Piemonte Region, the Italian local authority of the Blue Green City Project. In 2021, regarding European networking, the NFCL Project was presented at European meetings: at the Region's premises to the Cypriot LIFE NCP team on September 22, 2021; by video at the LIFE European Climate Pact Event on October 28 and at the LIFE Networking Event in Cyprus on November 3.

In terms of regional networking, the Region has taken the Initiative to create a network of stakeholders in Provence-Alpes-Côte d'Azur concerned with the theme of Nature in the City for the Adaptation of Cities to Climate Change. More than twenty stakeholders were involved and the mobilization of the networks led by the ARBE made it possible to increase the local audience of this Initiative. Thus, in 2020, the Region participated in the presentation of LIFE Metro Adapt as part of Eurogreen Week, in the cross-border seminar TRIGeau INTERREG Maritimo Project “Activating Communities and Working with Nature for more Resilient Cities”. It also provided feedback on the NFCL MOOC to LIFE Natur Adapt as part of the development of their own MOOC. In 2021, the NFCL Project was presented on March 15, 2021 in the “Ecological Engineering - Nature Based Solutions” workgroup, at the ESNSAM Envirobat BDM September 14 Workshop and as part of the PAEDD State Agent Training at the HVRC on October 15. In 2022, a meeting on all LIFE Projects supported by the Region was held in January under the auspices of the ARBE, during which the NFCL Project was presented to the other holders. On May 15, the Project was highlighted within the framework of the RECETAS Project managed by AVITEM. On June 22, the participation of the NFCL team at INTERLIFE in Toulouse offered the opportunity to provide feedback on the Workshops Initiative. Finally, the final conference organized by BLUE GREEN CITY on October 11 and 12 offered an opportunity to present the NFCL Project.



## 4. Introduction

### 4.1. Background, issues and objectives

In a Mediterranean context where climate change will have a higher impact than the global average, it is essential to implement all possible solutions to ensure that the resilience of cities is optimal. The scorching summer of 2022 in Region Sud has again emphasized the climatic urgency to be taken into account. Yet nature is likely to provide a number of ecosystem benefits that will enable cities to adapt to climate change: combating urban heat islands, managing water runoff by depaving ground, capturing carbon and air pollution particles, etc.

In the Provence-Alpes-Côte d'Azur Region (Region Sud), urban development had until now left little room for nature. Moreover, adaptation to climate change still does not particularly feature in planning and development documents. Finally, the studies conducted and the objectives assigned to GBI in planning documents do not routinely identify them as a tool for adaptation to climate change.

The Nature For City LIFE Project assumes that strengthening and developing the presence of nature in the city center is a beneficial tool for the adaptation of cities to climate change. The Project aims to train, inform and raise the awareness of all city stakeholders (elected officials, technicians from local authorities and the private sector, residents, secondary school and university students, etc.) on the benefits provided by nature in the city to adapt to climate change.

As the climate issue and the mobilization of land for GBI in urban development projects, it is essential to develop a form of climate governance between the stakeholders and the public, by strengthening training, information and awareness, especially for elected officials and technicians who form an essential complementary pair.

The usefulness of working with municipalities and metropolitan areas on the subject of urban GBI is manifold. These communities have the skills (urban planning, transportation, etc.) to allow for action to be taken in terms of urban resilience. In addition, the various planning and urban planning documents (Territorial Climate Energy Plans, Agenda 21, Territorial Coherence Schemes - SCOT, Local Urban Planning Plans - PLU, PLUi) all provide opportunities to integrate the BGI and their benefits for better resilience to climate change. Finally, the integration of climate issues in urban planning must be carried out in close connection with raising public awareness on this subject. If the production and updating of climate information appear to be essential, it is above all necessary to make them accessible to the widest possible audience.

### 4.2. Communication strategy and monitoring

To support these objectives, an information / training / communication strategy based on the implementation of various Initiatives has been developed within the framework of the Project (for details of the Initiatives, see part 6):

Implementation measure	Target audience	Initiative
<b>Information and Awareness-raising Initiatives</b>		
<b>Climate monitoring</b>	<i>General public, high school students, students, technicians, elected officials</i>	C1.1
<b>Objectives:</b> to generate air quality and meteorological data in urban areas where nature is present to highlight the benefits it provides for adaptation to climate change.		
<b>Roaming</b>	<i>General public, high school students, students, technicians, elected officials</i>	C2
<b>Objectives:</b> to create urban walking routes, art investments and a travelling exhibition to communicate, inform and		



raise awareness about the role of urban GBI in the face of climate change.		
<b>Citizen workshops</b>	<b><i>Inhabitants of neighborhoods affected by urban projects</i></b>	C4
<b>Objectives:</b> to raise the interest of residents in urban projects by holding workshops on the theme of nature in the city to strengthen dialogue and resilience to climate change.		
<b>Training Initiatives</b>		
<b>MOOC</b>	<b><i>General public, high school students, students, technicians</i></b>	C3.1
<b>Objectives:</b> to train all urban designers in the ecosystem benefits provided by nature in the urban environment and in the techniques for integrating nature into urban projects by creating and publishing online two MOOCs (introductory and advanced sessions).		
<b>Training of elected officials</b>	<b><i>Elected officials</i></b>	C3.2
<b>Objectives:</b> to train elected officials in the ecosystem benefits provided by nature in the urban environment and in the techniques for integrating nature into urban projects by creating and publishing online feedback files and a specific training proposal.		
<b>Elected officials - technician workshops</b>	<b><i>Technicians and elected officials</i></b>	C3.3
<b>Objectives:</b> to put into practice the knowledge acquired in C3.1 and C3.2 through the organization of practical workshops for better consideration of nature in the city for adaptation to climate change in urban planning documents and urban development projects.		
<b>Communication Initiatives</b>		
<b>Communication tools</b>	<b><i>General public, high school students, students, technicians, elected officials</i></b>	E1
<b>Objectives:</b> to create simple and easily accessible or disseminable communication tools to inform and raise awareness among the general public, local stakeholders and partners about the Project, from the local level (brochures, booklets, signboards) to European and international level (website).		
<b>Resident forums</b>	<b><i>Audiences having participated in various Project Initiatives</i></b>	C5.1
<b>Objectives:</b> to share experiences between residents in order to increase knowledge and raise awareness of the role of nature in the city for adaptation to climate change. Strengthen the involvement of residents in the climate governance of their local area.		
<b>European networking</b>	<b><i>Technicians, elected officials, students</i></b>	E2.1
<b>Objectives:</b> to exchange information and capitalize on the methodologies developed in terms of governance and content for training / awareness-raising activities and to integrate nature in the city and climate change networks in order to exchange, leverage and increase skills		
<b>Regional networking</b>	<b><i>Technicians, elected officials, students</i></b>	E2.2
<b>Objectives:</b> to constitute a network of stakeholders in the region for the dissemination of the Project's results and methodologies, the sharing of experiences and the forming of think tanks on urban planning, public awareness and involvement, training, the appeal of the territories, etc.		
<b>Initiatives to monitor the impact of the Project</b>		
<b>Socio-economic monitoring</b>	<b><i>General public, technicians, elected officials</i></b>	C1.2
<b>Objectives:</b> to produce sociological and economic data directly in the territories to provide objective evidence of the shift in representations of the benefits provided by nature in the city in the face of climate change.		
<b>Evaluation monitoring of the Project</b>		D1
<b>Objectives:</b> through the development and management of monitoring tools, to enable the steering of the Project, and the tracking of its outputs, impact and evaluation.		

### 4.3. Expected longer term results

The Project has had an impact on regional strategies.

The issue of nature in the city has been integrated into the Regional Climate Plan adopted in 2017 by the Regional Council (two Initiatives directly targeted, see Appendix 1). This Climate Plan, revised in 2020, was adopted in April 2021 by the new term of office under the title “Climate Plan: Keeping One Step Ahead” and places special emphasis on the issue of nature in the city as a means of adapting to climate change. This issue is also the subject of a specific objective and rule in the SRADDET, a plan that all of the Region's local authorities responsible for development must take into account when drafting their own planning documents (see Appendices 2&3).

At the end of 2019, the Region adopted the “One million trees planted in Provence-Alpes-Côte d'Azur by 2021” Plan (target raised to 5 million in 2022), whose “Trees in the City” scheme, aimed at supporting the planting of 100,000 trees in the Region's cities by the end of 2021, is intended to support the implementation of the Nature for City LIFE Project (see Appendix 4).

At its March 2020 session, the Regional Council also adopted a new intervention framework “Supporting sustainable development within the framework of the Regional Territorial Balance Contracts and urban renewal programs” which supports an integrated approach to development projects through the deployment of nature-based adaptation solutions, the reduction of health risks by improving air quality, the reduction of urban overheating, the realization of urban health planning studies, the management of urban rainfall, and other actions. (see Appendix 5). At the April 2022 session, the Regional Council adopted a framework for intervention for biodiversity, environmental education, reserves and regional nature parks with the creation of a specific “Nature ta ville!” Scheme (see Appendix 6).

In addition, CEREMA and Region Sud have signed a partnership agreement in which experimental work has been carried out with the three Regional Metropolises to integrate the challenges of adapting to climate change with the testing of technological solutions such as the implementation of the LCZ method on part of the territory of the Nice Cote d'Azur Metropolis

[https://www.cerema.fr/system/files/documents/2022/05/synthese\\_demonstrateur\\_version\\_finale\\_page\\_par\\_page-1.pdf](https://www.cerema.fr/system/files/documents/2022/05/synthese_demonstrateur_version_finale_page_par_page-1.pdf)

Finally, the issue of developing nature in the city to adapt to climate change has been fully integrated into the regional ERDF-SEF, which will be implemented from 2021 to 2027 with a Call for Projects planned for 2024 [https://europe.maregionsud.fr/fileadmin/user\\_upload/Atelier\\_4\\_sessions\\_1\\_et\\_2.pdf](https://europe.maregionsud.fr/fileadmin/user_upload/Atelier_4_sessions_1_et_2.pdf) ).

In this context, the Region has become a Partner in an INTERREG Europe Project (BLUE GREEN CITY), the aim of which is to share skills and experience between Partners to better take into account nature in the city and peri-urban nature in order to adapt cities to climate change (see 6.1.8 Networking).

In September 2019, the Aix-Marseille-Provence Metropolis adopted its Climate-Air-Energy Plan, which provides for the implementation of numerous Initiatives (some of which were developed as part of the NFCL Project - see 6.1.3 sub-Initiative C3.3) with expected results by 2050 with mention of the Nature for City LIFE Project in its Section 11 (“Let's Preserve Biodiversity, Natural Resources and Aquatic and Terrestrial Environments”, while two measures make provision for support towards the development of nature in the city to leverage its many ecosystem benefits (see pages 43 and 44 of Appendix 7). The Nice-Côte d'Azur Metropolis and the City of Marseille have mobilized the resident workshops organized as part of the NFCL Project (Initiative C4) to work on the restoration of nature in public spaces and projects to depave and revegetate part of their schoolyards.

## 6. Technical part

### 6.1. Technical progress, per Initiative

*For all the Initiatives, the expenses realized since the beginning of the Project are presented consolidated by Initiative as well as the expenses by sub-Initiative.*

For deliverables, the following color codes indicate their status:

- Black: planned deliverables and products
- Blue: planned deliverables not produced
- Green: planned deliverables, not produced and replaced by others
- Red: unplanned deliverables and products

It should be noted that some deliverables or complementary productions are listed as links in the table dedicated to the Initiative (e.g. deliverables C3.1 MOOC: Deliv 01 to 03 as links to the MOOC courses).

#### 6.1.1. C1. Development of urban monitoring as a tool for governance and information

##### Budget reminder of the Initiative

		Progress as at 31/12/2022	
		Revised budget	Expenditure
AtmoSud/AMU-LPED/Region Sud			
C1.1	€507,170,00	€395,945.59	(77.28%)
C1.2			

*Note: the second amendment to the Grant Agreement revised the total Project budget without redefining the distribution between sub-Initiatives. This table, as well as all the following ones, are therefore in accordance with this new presentation, and we have opted to leave the distribution as a sub-Initiative on the initial budget.*

##### Objectives reminder of the Initiative

The aim is to produce physical, sociological and economic data through two complementary sub-Initiatives, directly in the territories, to provide objective evidence of the benefits provided by nature in the city in the face of climate change for the target audiences.

#### C1.1 Climate monitoring

##### ATMOSUD.

**Forecast start date:** November 2017

**Actual start date:** 01/11/2017

**Forecast end date:** 31/06/2022

**Actual end date:** 31/12/2022

##### GANNT

		2017			2018			2019				2020				2021				2022					
		3	T	4T	1T	2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T	1T	2T	3T	4T	
		Progress report 1				Mid-term report				Progress report 2				Final report											
		Nom partenaire																							
C.1.1	Initial	CDC et Tests µsensors						Installation des18 µcapteurs et publications résultats																	
	Current (Réalisé)	CDC Et Test µsensors										5						7					18		
Indicateurs de réalisation	Cible	2018	2019				2020				2021				2022										
Nb stations installées	18	0	5				7				18				18										

### Reminder of expected results

This Initiative aims to produce contextualized physical/chemical data on the Project's three Metropolitan territories in order to create an objective picture of the ecosystem of benefits provided by green and blue infrastructure (GBI) in the city for the target audiences (residents, elected officials, professionals).

Implementation of a system for measuring the various parameters on demonstration sites identified as green and blue infrastructure (GBI) in the three Project areas. The localized meteorological parameters concern temperatures and hygrometry. For quality parameters, the pollutants measured are particulate matter (less than  $2.5\mu\text{m}$  - PM 2.5 and between  $2.5$  and  $10\mu\text{m}$  - PM10) and nitrogen dioxide (NO<sub>2</sub>) and ozone (O<sub>3</sub>).

The demonstration sites will be equipped with micro-sensors. In order to estimate reliability and to find out the measurement difference between micro-sensors and data recorded by the monitoring devices of the benchmark stations, the benchmark sites will be doubled. 18 sites equipped with micro-sensors are envisaged, including 5 duplicates on 5 AtmoSud benchmark sites.

### Implementation delays of the sub-Initiative.

Due to the numerous problems encountered during the delivery of the micro-sensors, this sub-Initiative was delayed for three years for the following reasons: establishment of the list of potential sites; contract for the purchase of the equipment; technical problems with the sensors; the health crisis.

### Results obtained

(See Dashboard D1.C1.1 Climate Monitoring)

#### **18 micro-sensors installed on AMP (7), TPM (5), and NCA (6): see table and maps of micro-sensor installation Initiative C1.1. Deliv. 01**

A calibration method for the data from the micro-sensors has been developed to estimate the deviation for the following indicators: PM10, PM2.5, NO<sub>2</sub>, O<sub>3</sub>, Temperature, Humidity. The data analysis performed for the available data set between 2019 and **2022 shows a slight inflection of ozone and nitrogen dioxide concentrations at GBI sites** (see Technical Notes 2020, 2022).

For technical reasons and obsolescence, the sensors will not be operational after the end of the Project: the maintenance contract, whose financial amount was too high, was not renewed, this option having not been chosen by all the Partners in the After-LIFE Plan. Access to the air quality data will be via the **informative display panels** that will remain in place (see Initiative C1.2 below and C1.1 Deliv.02 Information panels and After-LIFE operating procedures), making available to the public, via a QR Code, measurement data corresponding well to the site concerned and calculated from their simulation tool. Therefore, the promotion of this Initiative by the Metropolises and the municipalities will continue throughout the After-LIFE Plan. In fact, dedicated funding has been voted for by the Metropolises within the framework of the After-LIFE Plan (see F2 Deliv. 01).

#### **Setting up an AZUR daily page**

This page is updated daily and provides access to air quality information for the entire Region.

#### **C1.2 Climate monitoring: AtmoSud display panels**

**Forecast start date:** January 2022

**Forecast end date:** 31/06/2022

**Actual start date:** January 2022

**Actual end date:** 31/12/2022



Photo 1: micro-sensor  
Longchamp



Information panels were delivered by AtmoSud with delivery of specific web pages on the AtmoSud website (out of budget) and installed by the Metropolises.

Photo 2: Sensor information panel



Specific web pages have been created by AtmoSud, including in particular:  
<https://www.atmosud.org/article/nature4citylife>

### Schedule compliance (deliverables and milestones)

No. C1.1.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	Measuring tools (micro-sensors) installed and functioning on the demonstration sites and the control stations	03/2018	12/2022	Completed
<b>Deliv. 02</b>	Information panels and After-LIFE operating procedures	01/2022	12/2022	Completed
<b>Miles. 01</b>	Launch of the contract for the supply of measuring stations	10/2017	07/2018	Completed
<b>Miles. 02</b>	Installation of measuring stations at the 18 sites	03/2018	12/2022	Completed

### Complementary productions

No. C1.1.	Document name	Completion date	Status
<b>Doc. 01</b>	Technical note progress report Initiative C1.1 AtmoSud	05/2020	Completed
<b>Doc. 02</b>	Technical note progress report Initiative C1.1 AtmoSud	12/2020	Completed
<b>Doc. 03</b>	Technical note Promenade du Paillon Initiative C1.1 AtmoSud	01/2022	Completed
<b>Doc. 04</b>	Technical note progress report Initiative C1.1 AtmoSud	12/2022	Completed
<b>Doc 05</b>	Technical note Final report Initiative C1.1 AtmoSud	12/2022	Completed

## C1.2 Socio-economic monitoring AMU - LPED.

**Forecast start date:** 01/09/2017

**Forecast end date:** 31/08/2022

GANNT

**Actual start date:** 01/10/2017

**Actual end date:** 31/12/2022

2017		2018				2019				2020				2021				2022			
3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
Progress Report 1						Mid-Term Report				Progress Report 2						Final Report					
AMU-LPED																					

### Implementation reminder of the sub-Initiative

This Initiative aims to produce contextualized sociological and economic data on the Project's three Metropolitan territories in order to create an objective picture of the ecosystem of benefits provided by blue-green infrastructure (BGI) in the city for the target audiences (members of the public, elected officials, technicians).

Implementation of sociological and economic surveys in these three territories with:

- inhabitants and users around demonstration sites, urban walking paths;
- community technicians, private operators (developers, architects, etc.) and elected officials (metropolitan and municipal).

### Reminder of expected results

Contextualized sociological and economic information on the uses, representations, expectations and socio-economic benefits provided by nature in the city.

### Sub-Initiative progress



*Photo 3: Sociological survey in Miramas*

The Initiative was generally on schedule in the Grant Agreement from September 2017 to December 2022 (with a COVID-19 lockdown in March-June 2020).

The sociological surveys started on schedule and the first results showed a real interest in the presence of nature in the city. 5 survey sites were set up (instead of the 17 planned), but with guaranteed statistical representativeness. 219 people were interviewed at the 5 sites (instead of the 100 and 150 people expected in the first round of surveys).

### Implementation delays of the sub-Initiative.

No significant delay in the implementation of this sub-Initiative. Although the health crisis interrupted the survey process between March and June 2020, other modalities were put in place to further the Initiative and innovate to share the results of the surveys with as many people as possible in the form of three webinars.



### Changes to the sub-Initiative.

On the one hand, the application included a very large number of surveys throughout the Project. However, this proposal did not sufficiently take into account the problems related to the implementation of individual field surveys (long average interview time per person), nor the issues of statistical representativeness. Taking into account the statistical representativeness, it was decided to limit the number of people surveyed in order to ensure effective implementation of this Initiative.

In 2020, AMU was to conduct a second round of surveys on the same sites and projects as the first round. However, in view of the delays in the progress of the projects concerned, the sociological usefulness of this second round of surveys appeared to be greatly reduced. The Region and the AMU proposed instead to carry out a sociological monitoring of some of the Project Initiatives: surveys of participants on the walks (C2.1), the MOOC (C3.1) and at the workshops (C3.3 and C4). The third round of surveys in the last year of the Project was maintained in the City of Miramas because the Municipality of Cagnes-sur-Mer could not respond positively to the LPED's request. Finally, for the economic survey, the recruitment of a person in the second year of a Master's degree in 2022 made it possible to apply an economic approach to the issues of nature in the city, "Report Economic Analysis: Nature in the City and Climate Change" (C1.2. Deliv. 03), in connection with the extension of the Project from August to December 2022.

### Results obtained

*(See Dashboard D1. C1.2 Socio-economic Monitoring and Sociological Survey Report 2028/2022 (C1.2 Deliv. 04), which replaces the general survey dashboard)*

#### **Eight services were produced by the LPED as part of its tasks:**

- No.1 - November 15, 2017: Protocol for the sociological surveys
- No.2 - June 01, 2018: Standard questionnaire for residents and users
- No.3 - January 31, 2019: Results of the 2018 survey of residents and users of 5 neighborhoods in the PACA Region
- No.4 - April 08, 2019: Results of the 2018 survey of technicians and elected officials
- No.5 - May 19, 2021: Results of the 2020 survey of MOOC users and LIFE walks completed
- No.6 - June 2021: Results of the 2020 survey of elected officials
- No. 7 - December 2022: Results of the 2022 survey of residents and users (Miramas)
- No. 8 - December 2022: Report "Economic analysis: Nature in the City and Climate Change"

The three phases of the surveys allowed for **582 people** to be interviewed, distributed as follows:

- 275 people in the 2018 survey: Encagnane Aix-en-Provence 19 / Miramas 22 / Port-de-Bouc 38 / Sainte-Marthe Marseille 26 / Carros 42 / Cagnes-sur-Mer 110
- 91 technicians and elected officials in 2018
- 92 participants in the MOOC in 2020
- 55 participants in the walks in 2020
- 15 elected officials surveyed in 2020
- 74 Miramas residents in 2022

As part of this, a 2018 / 2022 sociological survey report was produced in December 2022 (C2.1 Deliv. 04), which replaces the general survey dashboard.

**During lockdown, three webinars** were held to share the survey results. These webinars reached approximately **250 participants**. A **training session for the elected municipal officials** of the City of Miramas, which brought together **30 participants**, was also co-developed with the ARBE in July 2022.

#### **Feedback from surveys of LIFE Schemes show the following:**

- People who followed the MOOC are more likely to talk about nature in the city being "wild" than those who took the walks. For this group, eliciting parks and trees is predominant;
- The NFCL MOOCs and the walks organized as part of the Project are appreciated for the knowledge they provide about nature in the city.



## Schedule compliance (deliverables and milestones)

No. C1.2.	Deliverable / Milestone name	Initial deadline	Completion date	Status
Deliv. 01	Sociological questionnaires to be carried out among decision-makers and technicians within the communities	02/2018	10/2018	Completed
Deliv. 02	Sociological questionnaires to be carried out among site users and residents of the housing blocks	02/2018	06/2018	Completed
Deliv. 03	Economic survey questionnaires*	02/2018	09/2020	Not completed
Deliv. 03	Economic Analysis Report: Nature in the City and Climate Change		12/2022	Completed
Deliv. 04	Report on the 2018/2022 sociological surveys conducted**		12/2022	Completed
Mile. 01	Start of the first round of economic surveys*	06/2018	09/2020	Not completed
Mile. 02	Start of the first round of sociological surveys	06/2018	06/2018	Completed

\*The economic surveys were not launched as such, but some economic data were integrated into the sociological questionnaires. This deliverable is replaced by an "Economic Analysis Report: Nature in the City and Climate Change".

\*\*The 2028 / 2022 Sociological Survey Report replaces the general survey dashboard.

## Complementary productions

No. C1.2.	Document name	Completion date	Status
Doc. 01	Analysis report of the sociological surveys conducted among residents and users 1/2018	01/2019	Completed
Doc.02	Analysis report of the 2/2019 sociological surveys conducted among elected officials and technicians	04/2019	Completed
Doc 03	Results of the 3/2020 survey of MOOC users and LIFE walks completed	05/2020	Completed
Doc 04	Summary of the 2018/2021 elected officials' surveys - Qualitative Component	12/2021	Completed
Doc 05	Results of the 3/2022 survey conducted among residents and users	12/2022	Completed
Doc 06	PPT Webinar 11/16/2020	11/2020	Completed
Doc 07	PPT Webinar 04/20/2021	04/2021	Completed
Doc 08	PPT Webinar 11/15/2021	11/2021	Completed

## 6.1.2. C2. Development of an itinerancy as a means of information and promotion

### Budget reminder of the Initiative

Progress as at 31/12/2022		
	Revised budget	Expenditure
<b>BGR2013 / MNCA / MTPM / REGION SUD</b>		
<b>C2.1</b>	<b>€1,017,610</b>	<b>€687,487.92</b>
<b>C2.2</b>		
		<b>(67.56%)</b>

### Objectives reminder of the Initiative

This Initiative aims to create urban walking routes and an exhibition entitled "Nature in the City and Climate" to communicate, inform and raise awareness of the multifunctional role of urban green and blue infrastructure (GBI) in the face of climate change.

### Expected results reminder of the Initiative

Raising public awareness of the role of nature in the city on climate change, modification of the representations of stakeholders and acquisition of a common culture to collectively develop new urban planning projects.

#### C2.1. Development of new itinerancy on "Nature in Cities and Climate"

BGR 2013 - TPM METRO - NCA METRO - REGION SUD

Forecast start date: 01/10/2017

Actual start date: 01/10/2017

Forecast end date: 31/08/2022

Actual end date: 31/12/2022

GANNT

		2017		2018		2019		2020		2021		2022					
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T		
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report			
BGR2013 – Hiking and path																	
C2.1	Initial																
	Current																
NCA METRO – Hiking, path and art investments																	
C2.1	Initial																
	Current																
TPM METRO – art investments																	
C2.1	Initial																
	Current																
REGION SUD – art investments																	
C2.1	Initial																
	Current																

### Implementation reminder of the sub-Initiative

With the urban walk, the narrative approach based on sensitive exploration is favored, encouraging an active appropriation of the issues and involvement on the part of participants.

**In MAMP**, the aim is to enrich the itineraries of GR2013, a major metropolitan hiking trail, by highlighting the presence of nature in the city and its role in the adaptation of cities and metropolises to climate change.

**In MTPM**, the Initiative to create a metropolitan trail, linking in particular the sites identified in Initiative C1, based on the experience of GR2013, in several stages.

**On MNCA** it is a question of leveraging the eight existing discovery loops of the city of Nice on the theme of nature in the city and adaptation to climate change, and to add to them by establishing two new loops on the same theme.

### Reminder of expected results

Raising public awareness of the role of nature in the city on climate change, modification of the representations of stakeholders and acquisition of a common culture to collectively develop new urban planning projects.

### Sub-Initiative progress

#### 1. Walks and trails

##### ➤ Initiatives led by the Bureau des Guides GR2013

**Stroll formats, audiences and territories:** during the program, various formats were experimented with (design and facilitation of walks, workshop walks, longer itineraries including bivouacs; design of itineraries and trails). The audiences were the inhabitants (hikers, members of associations, residents of a specific neighborhood, etc.), professionals of urban manufacturing, students and schoolchildren (high school students), technicians of communities and elected officials.



*Photo 4: walk in Foresta, in Marseille*

With regard to **the AMP Metropolis**, where the GR2013 trail already exists, the routes operate by working with the in-depth knowledge of the territory already collated by the Bureau des Guides and to share them within chosen project territories for their themed issues of nature in the city, or some connection to partnerships entered into with Program Partners (the university, communities), members of civil society or around other Project Initiatives (C1.1 “Climate monitoring”, C2.1 “Art constructions, C3.1 “MOOC”, etc.).



*Photo 5: walk on the TPM Metropolitan trail*

In the case of the **TPM Metropolis**, the establishment of a metropolitan trail is the driving force behind the Project and allows for the activation of routes at the various stages comprising the trail's creation, from exploratory scouting to certification of the route. The routes have thus alternated formats aimed at the cooperation of expertise around the trail construction process and general public formats designed to raise awareness and involve residents and associative communities active in the domain of these themes.

The themed topics covered by the events and itinerary outputs were primarily water, shade, fragmentation, biodiversity etc. Editorial tools to accompany the walks (booklets, maps, etc.) were developed from the second year, as well as reproductions in the form of narratives (Dehors Notebooks).

### **Delays in the implementation of the sub-Initiative**

The pandemic situation had an impact on the rollout of the Project, but the Travelling Initiative proved to be particularly suitable, both in terms of its means of delivery (small groups, open air), as well as in terms of its content which made the Project's proposals resonate with the public.

### **Change to the sub-Initiative**

In the case of TPM, the health crisis changed the program and the team, and the notion of a guide became less operative, since the goal was to create a community of local players who could lead the trail. The team was therefore reconfigured to meet these new objectives.

### **Results obtained**

*(See Dashboard D1.C2.1 BGR2013 walks)*

**In MAMP**, the Initiative is now perceived as vital for the Bureau des Guides and Territorial Partners;

**On MTPM**, the major result is the successful creation of the trail and the emergence of a project for its maintenance and future facilitation in accordance with the themes of the Nature for City Life Project.

Between 2018 and 2022, **32 events** were held in **TPM** and **85 in AMP**, equating to a total of **117 events**.

**In terms of attendance, 461 people participated in the walks in TPM and 2,354 people in AMP, equating to a total of 2,815 people.**

## ➤ Initiatives carried out by the Toulon-Provence-Mediterranean Metropolis

### On the development of the TPM Metropolitan trail route:

#### Progress

In November 2019, after 20 urban walks, the TPM Metropolis aimed to bring together all the Partners involved in the Metropolitan Trail “Nature in the City and Climate” Project in order to approve a general form together. At the end of 2019 and beginning of 2020, with the technical support of AUDAT Var, the TPM Metropolis organized workshops by geographical sector (East, Center, West), bringing together the stakeholders within each major loop (officers of the municipalities, tourist offices, Metropolis departments, the French Federation of Hiking, etc.) with the aim of moving to a plot of land with the implementation of a GIS-type mapping tool (LizMap). In 2021, this work has made it possible to officially propose to each municipality of the Metropolis a draft route for the Metropolitan Trail by tract of land. The approval of the proposed route of the TPM Metropolitan “Nature in the City and Climate” Trail been included in the Metropolitan Bureau agenda of December 19, 2022. Its marking will be carried out within the framework of the TPM Metropolis After-LIFE Plan approved by the Metropolitan Council of June 28, 2022.

#### Implementation delays

In 2020, the COVID-19 Pandemic brought workshops per geographical sector to an abrupt halt. Fortunately, the interactive mapping tool set up by AUDAT VAR has made it possible to continue to work together, even remotely, to define the Metropolitan Trail route. This draft route was then sent to the municipalities for their opinion and this required long bilateral exchanges. Ultimately, the Metropolitan Trail Project was not adopted at the end of 2021 as initially planned, but at the end of 2022.

#### Changes

The Project initially envisaged “A Marked Urban Trail for Long-Distance Walking”:

As there is no “marking” line included in the Initiative’s budget, it was agreed with Region Sud that this would be carried out as part of the After-LIFE Plan; Concerning the “Grande Randonnée” (Main Hike) Label, Region Sud informed the TPM Metropolis that there was no obligation towards this. It also required the input of expertise from the French Federation of Hiking: this could possibly be carried out as part of the After-LIFE Plan.

The Project also initially included the “*Publishing of a specific Climbing Guidebook (Topoguide) for the TPM Trail*”: Topoguide being a brand that belongs to the French Federation of Hiking, reserved for long-distance hiking trails, and with no “Topoguide” line appearing in the Initiative’s budget, it was mutually agreed with Region Sud, that the publication of a map guide a Smartphone application would be realized as part of the After-LIFE Plan.

#### Results obtained

**Approval of a draft route for the TPM Metropolitan Trail** by the 12 Mayors of TPM, meeting in the Metropolitan Bureau, on Monday, December 19, 2022. This route, which until now has been carried out in the form of a “Geonote”, has been produced in the form of a GIS layer, which it will be possible to share and communicate to Partners as part of the implementation of the After-LIFE Plan.

## ➤ Initiatives carried out by the Nice-Côte d'Azur Metropolis

#### Reminder of expected results

This Initiative aims to create new urban “Nature in the City and Climate” discovery loops in the NCA Metropolis, heralding a future metropolitan trail, an innovative medium for communicating, informing, and raising awareness about the multifunctional role of urban green and blue infrastructures (GBI) in the face of climate change. By raising the awareness among stakeholders, this Initiative also aims to give them the means to build a common culture that will enable them to collectively develop new urban planning projects.

### Progress of the sub-Initiative

Discovery loops were developed in the City of Nice in 2010 around nine routes designed for discovery of the natural, cultural and historical heritage of the City. Two of these loops are being developed as part of the LIFE Program, and completed by the creation of two new routes covering the themes of climate, nature in the city and GBI. The new trails will incorporate sites with urban monitoring (C1.1). During the resident discussion workshops held in the Ariane district of Nice, the inhabitants expressed their wish to see an old pathway that linked their district to the nearby hill restored. Therefore, the creation of an additional route was agreed on as part of the Nature for City LIFE Program.

The Project to develop a new “Nature in the City and Climate” route on the NCA Metropolis territory was divided into several sub-Initiatives.

1. The first sub-Initiative of the Project consisted of **the establishment of routes on the following trails:** Cagnes-sur-Mer; Carros; Nice (Ariane District; Eco-District of Le Ray; Promenade du Paillon)
2. The second sub-Initiative of the Project entailed the **organization of events around the trails:** with an events offering operational since September 2021, various events were held: guided walks; games and activities on the theme of biodiversity and nature in the city; conferences.
3. The third sub-Initiative of the Project was the compiling of “Nature in the City” Booklets: the Booklet dedicated to the Nice trail - Ariane District - was published and distributed in October 2022. Others are in the process of being created to enhance each route.

### Delays in the implementation of the sub-Initiative

The Project's forecast schedule has been impacted by the 2020 municipal elections. At the same time, the pandemic also caused delays in the Project. As the Initiatives are cross-cutting in nature, involving the services of the Nice-Côte d'Azur Metropolis, external Partners and member municipalities, the main obstacle to their implementation is essentially linked to governance difficulties.

### Results obtained

**Five routes identified** (instead of the four initially envisaged).

Since the end of 2021, **10 events** have been held involving **290 people**.

**One “Nature in the City” Booklet related to the Ariane trail in Nice** has been produced and published, while four others are in progress.

## 2. Art investments

### ➤ Initiatives carried out by the Toulon-Provence-Mediterranean Metropolis

#### Progress

In order to play its role as an awareness-raising tool on the role of nature in the city for resilience in the face of climate change, Initiative C2.1 provided for the Metropolitan Trail to be equipped with “art infrastructure” for which the TPM Metropolis was responsible. It also called for the Metropolitan Trail to network the demonstration sites (Initiative C1.1 Climate Monitoring).

In order to equip the Metropolitan Trail with art infrastructure, the TPM Metropolis entered into an educational partnership agreement with the TPM Higher School of Arts and Design (ESADTPM) in August 2021: this partnership entitled “Whispers of Nature in the City” is built around four sites on the Metropolitan Trail route, four artists and four works:

- Domaine de Fabregas, La Seyne-sur-Mer: Lucas Irad, “Auberge'IN”
- Jardin du Las municipal garden, Toulon: Léandrine Damien, “Li Bello Vedere”
- Faculty of Law, Toulon: Lisa Jacomen, “Telo Solis”
- Musée Jean Aicard Park – Paulin Bertrand, La Garde: Estelle Ladoux, “Cigala”

A film has been produced by TPM to present the four artists, their background and a work of reflection on



the design of their works: <https://youtu.be/IGfaQASarM8>

### Implementation delays

Following the April 4 deliberation, not all art choices were approved by the owners of the sites, causing delays in the design of the works. In addition, the conditions of their installation (temporary occupation agreements) and the numerous necessary authorizations (Preliminary Declaration, Declaration of Work, Order of Work, Joint Report, etc.) required more time than expected, which caused works to commence at the beginning of the school year 2022.

### Changes

In order to equip the Metropolitan Trail with art infrastructure, the TPM Metropolis signed an educational partnership agreement with the TPM Higher School of Arts and Design (ESADTPM) instead of the public tender initially envisaged (see modification specified in Miles. 04 Launching of the GR TPM art construction agreement).

### Results obtained

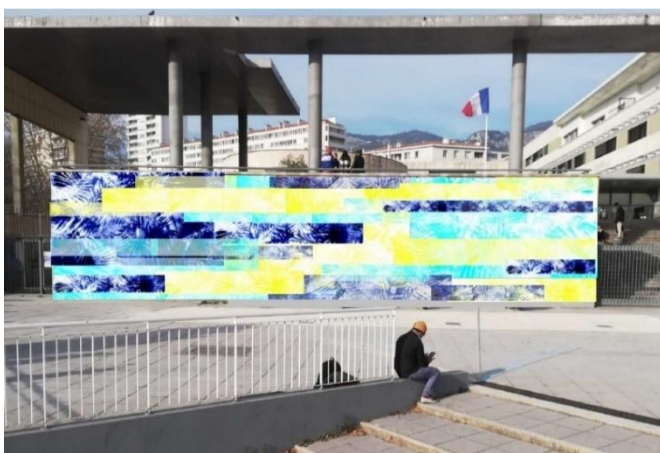
Four works inspired by the living, support awareness of nature in the city in the face of climate change:



*Photo 6: "Auberge'IN", Lucas Irad (Domaine de Fabrègas, La Seyne-sur-Mer)*



*Photo 7: "Li Bello Vedere", Léandrine Damien (Jardin du Las municipal garden, Toulon)*



*Photo 8: "Telo Solis", Lisa Jacomen (Faculty of Law, Toulon)*

Photo 9: "Cigala", Estelle Ladoux (Musée Jean Aicard - Paulin Bertrand, La Garde)



The inauguration of "Telo Solis" took place on Friday, December 8, 2022 and that of "Auberge'IN" on Friday, March 3, 2023. The other two will be held in 2023.

#### ➤ Initiatives carried out by the Nice-Côte d'Azur Metropolis

The art investments were not made. The Nice-Côte d'Azur Metropolis has considered the possibility of modifying the "art constructions" part into signage (panels with messages about the role of nature in the city, the islands of coolness, etc). As this proposal did not meet the initial criteria of the LIFE Program, the City was late in deciding to create a work in Carros.

However, following an electoral dispute, the municipality wished to postpone any decision and the governance of this Project was suspended. In addition, changes in the municipal team and departments slowed down the preparation of the contract, the selection of the site and the necessary development. Given the short timeframe, it was not possible to launch the contract, select an artist and install their work before the budget closing.

#### ➤ Initiatives carried out by the Provence-Alpes-Côte d'Azur Region

In September 2019, the Region commissioned BGR2013 to conduct a prospective site identification study delivered in January 2020 identifying 12 potential sites for the installation of art works. An internal Regional memo was finalized to approve the site selection and artist selection process (put on hold at the end of March 2020 as not urgent due to COVID-19 lockdown). A first consultation was launched on 27/08/2021 (AAPC no. 2021-250). The idea is to support the creation of a new "route experience" - urban hiking trails - with innovative art installations that communicate, inform, and raise awareness on the multifunctional role of nature in the city. The provisional estimate of the lump sum part of the contract has been evaluated at €32,500 excl. tax per lot, equating to €130,000 excl. tax for the lots, for the entire duration of the contract.

Four sites have been thoroughly analyzed (see Complementary productions C2.1 Doc 02 Sheets 12 sites works GR2013), including land that has been identified and earmarked for the implementation of these art works:

- Lot 1: Aix-en-Provence, Arbois Technology Park, "Place de l'Horloge" site;
- Lot 2: Marseille, the Chenu Wood in Sainte Marthe;
- Lot 3: Miramas Saint-Suspi Lake;
- Lot 4: Port-de-Bouc, site of the Fernand Léger Arts Center.

At the end of the public procurement procedure, **Lot 1 on the Aix-en-Provence site was awarded to Atelier Collectif parenthèse and its representative Atelier Florent Clier, while Lot 3 on the Miramas site to Laurent Gongora. Concerning Lot 2 Marseille**, the consultation launched on 27/08/2021 (AAPC no. 2021-250) did not give rise to any offers from candidates. Therefore, it was declared unsuccessful. Consequently, a new consultation (AAPC No. 2022-297) was launched in the form of a contract without advertising or competitive bidding on the basis of Section R 2122-2-4 of the French Public Order Code. The contract was awarded to **the company Cabanon vertical. Concerning Lot 4 Port-de-Bouc**, during the first consultation launched on 27/08/2021 (AAPC no. 2021-250), this lot had attracted the offer of only one candidate. He was awarded another Lot (according to the Rules of Consultation, if a candidate came first on two lots, he could only be retained on the one where he obtained the best score), so Lot 4 was declared as no further action to be taken. Consequently, a new consultation (AAPC No. 2022-297) was launched on 27/04/2022 in the form of an adapted procedure on the basis of Section R 2123-1-3 of the French Public Order Code. The contract was awarded to **the company Côme di Meglio**.



Numerous working meetings have led to the creation and installation in 2022 of two art investments respectively:



*Photo 10: Little by Little... L. Gongora -Miramas*

In September 2022 in the municipality of Miramas: Title: LITTLE BY LITTLE...

The work is a sculpture / nesting island for local and transient birdlife on the Saint-Suspi body of water in Miramas. The artist is Laurent Gongora.

This art investment was inaugurated in front of a large audience by the Mayor during the Festival of Associations of Miramas which was held on Sunday, September 4, 2022 on the banks of the water of Saint-Suspi.

In October 2022 at the Arbois Technology Park.

Title: Reconnect with the Living. The artists are Collectif parenthèse and Atelier Florent Clier.. The work allows us to convey a pedagogical discourse on the complexity of inter-species mutual aid, the long time needed for deep root development, the impacts of climate change and the need to reinvent ourselves in order to adapt to it.



*Parenthèse and Florent Clier - Arbois Technology Park / MAMP*

These two art investments were respectively the subject of the drafting of a technical data sheet, a user guide and maintenance manual as well as a label explaining to the public the philosophy behind the work with reference to the Nature for City LIFE Project and the affixing of the Project and LIFE Program logos.



*Photo 12: Prototype of MycoTemple*

For Lot 4 Port-de-Bouc, the Project is about the mycelium, an organism weaving its roots, which becomes a material and spreads to form a shelter, the MycoTemple. A video of the MycoTemple prototype can be viewed on the following link:

<https://www.youtube.com/watch?v=75x9f4clzKk>

Delays related to public procurement procedures have impacted the timeline for the creation of the work: only the Phase 1 Sketch can fall under the Nature for City LIFE Project. As for the Creation and Installation phases, these will take place in the first half of 2023 as part of the After LIFE Plan with the Region's funds.

Regarding Lot 2 Marseille, the Project presented by Cabanon vertical is that of a hut, overlooking the Bois Chenu Park. It would become a meeting and social space, as well as a place for observation and reflection of the preservation of natural spaces in the city.

However, during the Region's holding of a first working meeting between the community and the artist, the City of Marseille informed the Region of its inability to host the work in the location it had initially approved. In view of the City of Marseille's inability to offer another venue, it was agreed to terminate the public contract

and to possibly consider a new consultation as part of the After LIFE Plan after the identification of a location by the Municipality of Marseille had been approved by the Region.

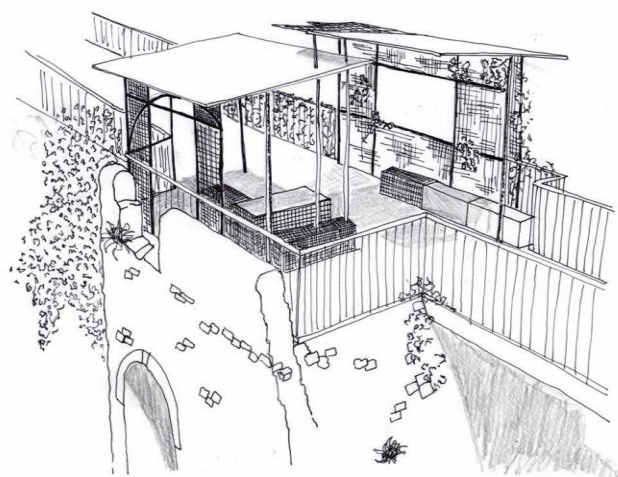


Photo 13: Cabanon vertical sketch

### Implementation problems / sub-Initiative delays

Due to the large number of contracts that Region Sud had to initiate at the start of the Project, it was proposed that this Initiative start at a later date. The process launched in 2019 was delayed due to the Project team's heavy investment on the implementation of other Initiatives. The process resumed between 2021 and 2022. The first two investments (Miramas and Aix-en-Provence) were finalized at the beginning of the 2022 school year. As for the one in Port-de-Bouc, it will be done in the first half of 2023 as part of the After-LIFE Plan and with the community's own funds. For the one in Marseille, this calls for new consideration. Communication about the Project and the events schedules for the walks will be especially designed as part of this Plan to ensure the maximum possible accessibility in particular to members of the general public and schoolchildren, allowing them to view these works.

### Results obtained

(See Dashboard D1.C2.1 Art Investments)

Conducting a study of 12 potential sites to house the artworks (C2.1. Doc. 02).;

Choice of four sites to host the works;

Conducting of a study by 10 ESDM students on art investment opportunities;

Launch of two consultations in 2021 and 2022 for the four identified sites;

Realization of two art investments realized last quarter 2022 in Miramas and AMP / The Arbois Technology Park;

An art investment in Port-de-Bouc is currently in the design phase (Sketch phase approved) with completion and installation in the first half of 2023;

An art investment cancelled in Marseille related to the location: possible postponement of the Initiative to 2023.

### Schedule compliance (deliverables and milestones)

No. C2.1.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	Compilation of the 2018-2022 events of the TPM GR: <a href="#">see link TPM tab: compilation of the 2017-2022 walks</a>	06/2022	12/2022	Completed
<b>Deliv. 02</b>	NCA GR 2018-2022 Events Compilation	06/2022	12/2022	Completed
<b>Deliv. 03</b>	First art constructions in NCA GR (signage)	03/2019	-	Not completed
<b>Deliv. 04</b>	Production of cross-media content in NCA GR	12/2018	12/2022	Completed
<b>Deliv. 05</b>	First art constructions in TPM GR (art observatories, orientation tables, signposts, etc.)	12/2018	12/2022	Completed

<b>Deliv. 06</b>	First art constructions for GR2013 (art observatories, orientation tables, signposts, etc.) <ul style="list-style-type: none"> <li>➤ Miramas and Aix-en-Provence</li> <li>➤ Port-de-Bouc</li> <li>➤ Marseille</li> </ul>	12/2018 12/2018 12/2018	10/2022 06/2023 -	Completed for two works Engaged for one work Abandoned for one work
<b>Deliv. 07</b>	Production of cross-media content for GR 2013 and TPM	12/2018	12/2019	Completed
<b>Deliv. 08</b>	Compilation of the 2018-2022 events of the GR 2013: see <b>GR2013 link tab:</b> <a href="#">compilation of the 2017-2022 walks</a>	06/2022	12/2022	Completed
<b>Mile. 01</b>	Start of the first events for GR 2013 and the TPM GR	11/2017	03/2018	Completed
<b>Mile. 02</b>	Start of the first events for GR 06	10/2018	03/2019	Completed
<b>Mile. 03</b>	Launch of the GR 06 service contract	03/2018	10/2020	Not completed
<b>Mile. 04</b>	Launch of the TPM GR art construction agreement*	03/2018	03/2021	Completed
<b>Mile. 05</b>	Launch of the GR 2013 art construction agreement	09/2018	07/2021 and 06/2022	Completed

\*Contract replaced by an educational partnership agreement with the TPM School of Art and Design (ESADTPM) in August 2021

### Complementary productions

No. C2.1.	Document name	Completion date	Status
<b>Doc. 01</b>	File Proposals for MNCA loops	12/2019	Completed
<b>Doc.02</b>	File records of the 12 potential sites for art works (GR2013)	12/2019	Completed
<b>Doc. 03</b>	ESDM 2020: Summary of 10 Proposals	05/2020	Completed
<b>Doc. 04</b>	MNCA Chambrun Park Board	12/2018	Completed
<b>Doc. 05</b>	NFC LIFE stories: Mid-Term Report Initiative C2.1	05/2020	Completed
<b>Doc. 06</b>	La Gazette du Ruisseau no. 1 <a href="https://issuu.com/bureaudeguidesgr2013/docs/01.15_la_gazette_du_ruisseau_no_1_ecran_1_ger">https://issuu.com/bureaudeguidesgr2013/docs/01.15_la_gazette_du_ruisseau_no_1_ecran_1_ger</a>	03/2020	Completed
<b>Doc. 07</b>	La Gazette du Ruisseau no. 2 <a href="https://issuu.com/bureaudeguidesgr2013/docs/la_gazette_du_ruisseau_no2_web_pages">https://issuu.com/bureaudeguidesgr2013/docs/la_gazette_du_ruisseau_no2_web_pages</a>	03/2021	Completed
<b>Doc. 08</b>	La Gazette du Ruisseau no. 3 <a href="https://issuu.com/bureaudeguidesgr2013/docs/n3_web_pages">https://issuu.com/bureaudeguidesgr2013/docs/n3_web_pages</a>	03/2022	Completed
<b>Doc. 09</b>	The Ruisseau Notebook <a href="https://issuu.com/bureaudeguidesgr2013/docs/cahier_du_ruisseau_webpage">https://issuu.com/bureaudeguidesgr2013/docs/cahier_du_ruisseau_webpage</a>	06/2021	Completed
<b>Doc. 10</b>	The Ruisseau map <a href="https://bureaudeguides-gr2013.fr/la-fete-du-ruisseau-2022/">https://bureaudeguides-gr2013.fr/la-fete-du-ruisseau-2022/</a> <a href="https://issuu.com/bureaudeguidesgr2013/docs/web_page_par_page_fete_du_ruisseau_2022">https://issuu.com/bureaudeguidesgr2013/docs/web_page_par_page_fete_du_ruisseau_2022</a>	06/2021	Completed
<b>Doc. 11</b>	The Life map <a href="https://bureaudeguides-gr2013.fr/nature-for-city-life/">https://bureaudeguides-gr2013.fr/nature-for-city-life/</a>	06/2022	Completed
<b>Doc. 12</b>	Dehors: the Life notebooks (No. 1, 2 and 3) <a href="https://issuu.com/bureaudeguidesgr2013/docs/partie_1-num">https://issuu.com/bureaudeguidesgr2013/docs/partie_1-num</a> <a href="https://issuu.com/bureaudeguidesgr2013/docs/partie_2-num">https://issuu.com/bureaudeguidesgr2013/docs/partie_2-num</a> <a href="https://issuu.com/bureaudeguidesgr2013/docs/partie_3-num">https://issuu.com/bureaudeguidesgr2013/docs/partie_3-num</a>	08/2020	Completed
<b>Doc. 13</b>	Dehors: the Life notebooks (No. 4, 5 and 6) Dehors No. 4: <a href="#">Evidence from the ground</a> Dehors No. 5: <a href="#">The need to connect</a> Dehors No. 6: <a href="#">The importance of stories</a>	12/2022	Completed
<b>Doc. 14</b>	BGR press review on the NFCL 2017/2022 Project	12/2022	Completed
<b>Doc. 15</b>	BGR2013 Bonuses and various productions	12/2022	Completed
<b>Doc. 16</b>	Decision of the TPM Metropolitan Bureau of 19/12/2022 concerning the creation of the Trail	12/2022	Completed

## C2.2. Creation of a mobile drop-in center on Nature in Cities and Climates

### REGION SUD

**Forecast start date:** 01/09/2017

**Actual start date:** 01/01/2018

**Forecast end date:** 31/08/22

**Actual end date:** 31/12/2022

### GANTT

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD																							
C2.2	Initial																						
	Current																						

### Implementation reminder of the sub-Initiative

In order to facilitate the implementation of Initiative C.2.2, it was proposed by the Region and approved by EASME (point 10 of the Appendix to the Letter Ref. Ares (2019)2425456 of April 05, 2019), that in lieu of purchasing a vehicle, the Region is awarding a public contract for a roaming events service using a mobile drop-in center in the three Project territories. It is also planned to integrate into this new contract the design and production of the City Nature and Climate exhibition provided for in Initiative E.1.6. Four copies of this exhibition would be published: one travelling on the mobile reception point and one for each partner Metropolis.

### Reminder of expected results

Raising public awareness of the role of nature in the city on climate change, modification of the representations of stakeholders and acquisition of a common culture to collectively develop new urban planning projects.

### Sub-Initiative progress

After a sourcing procedure carried out between July and September 2018 with companies, a first consultation procedure was launched between October 2018 and November 2019 for a Travelling Events service (rather than the purchase of a vehicle) on the theme "Nature in the City and Climate Change" aimed at members of the general public and schoolchildren, and rolled out across the three Project territories. It is also planned to integrate into this new contract the design and production of the City Nature and Climate exhibition provided for in Initiative E.1.6. The Initiative was expected to start for the second reporting period.

### Changes to the sub-Initiative.

However, the Region has decided to suspend the current process and modify the service provision request. Therefore, this Initiative was not implemented as planned in the application or as proposed in the amendment (see above).

This Initiative has been totally overhauled. On February 10, 2021 (AAPC No. 2021-044), the consultation relating to the design, realization and provision of exhibition and communication tools on the theme "Nature in the City and Adaptation to Climate Change" was launched. On June 09, 2021, the contract was awarded to the association "Chercheurs en herbe".

### Results obtained

(See Dashboard D1.C2.2 NFCL Exhibition)

This contract saw to the acquisition of four copies of the Travelling Exhibition "Nature in the City and Adaptation to Climate Change". Comprised of 14 roll-ups, an educational kit made up of several educational and interactive tools as well as a digital tablet completing the contents of four specific educational booklets (presentation booklet; educational booklet; handbook; book of tricks).

This Exhibition can be used either with a facilitator or as an open house. To promote the Exhibition, a teaser was produced by the provider: <https://youtu.be/UVXjmoKfbdI>.



In order to increase the sharing of the Exhibition, the NFCL team created poster templates for organizers and drafted a press release with the contact information of the loan points of contact by territory.

A complete copy of the Exhibition and its communication kit was delivered to each Metropolis. In order to optimize its use, each partner received specific training in October 2021. Several information campaigns have been carried out within the framework of the Atrium network, an interface between all the high schools in the region, the teaching staff, parents and students.

Reinforced by its posting on the NFCL website, at meetings and in the content of newsletters, this exhibition has been the subject of a strong demand from high schools, municipalities, media libraries and environmental education associations who wished to appropriate its content and share it with the public as part of local events. It has been used for nature days, science days and for the hosting of the Region's high school eco-ambassador students.

It has also been promoted several times at forums and workshops held as part of the Project. A tool was created to make it possible to follow the life of this exhibition across the entire territory. It allows you to collect data on exhibition locations, numbers and categories of visitors: [logbook expo NFCL.xlsx \(sharepoint.com\)](#). Finally, an agreement was put in place to formalize and secure the loan.

Due to its success, Region Sud has ordered six further copies of the Exhibition together with six cases, which were delivered in the third quarter of 2022. This has made it possible to grant an additional copy to each of the three Metropolises, to the Region and two copies to the City of Marseille, which did not have one.

### Zooming in on exposure in the territories:



*Photo 14: Science Fair 2021, La Seyne-sur-Mer*

***In the territory of the TPM Metropolis, the Exhibition has been seen by 11,800 people.***

***In the territory of the NCA Metropolis, the Exhibition has been seen by 990 people.***





Photo 15: NFCL Exhibition at the AMP media library

**In Region Sud**, the Exhibition has been seen by **2,900 people**

**In the territory of the AMP Metropolis** the Exhibition has been seen by **1,700 people**.

Photo 16: NFCL Exhibition at the Region's premises



In total, **17,359 people have had their awareness raised** in the Provence-Alpes-Côte d'Azur Region thanks to the "Nature in the City and Adaptation to Climate Change" Exhibition for a total of **36 events** spread over **484 days**. Of this audience, **3,082 were high school students** and **11,387 were members of the general public**.

### Schedule compliance (deliverables and milestones)

No. C2.2.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	"Nature in the City and Climate" mobile drop-in center Replaced by a "Nature in the City and Climate Change" Travelling Exhibition	<b>09/2018</b>	<b>10/2021</b>	<b>Completed</b>
<b>Mile. 01</b>	Launch of the contract for the purchase of a vehicle for the "Nature in the City and Climate" mobile drop-in center	<b>01/2018</b>	<b>10/2019</b>	<b>Completed</b>
<b>Mile. 02</b>	First round of the Travelling "Nature in the City and Climate" Mobile Drop-in Center	<b>07/2018</b>	<b>Cancelled</b>	<b>Cancelled</b>

### Complementary productions

No. C2.2.	Document name	Completion date	Status
<b>Doc. 01</b>	CCTP "Travelling Exhibitions" Agreement	<b>09/2019</b>	<b>Completed</b>
<b>Doc. 02</b>	CCTP Agreement for the "Design, production and provision of an Exhibition and communication tools for "Nature in the City and Adaptation to Climate Change"	<b>02/2021</b>	<b>Completed</b>
<b>Doc. 03</b>	The Exhibition's Book of Tricks	<b>11/2021</b>	<b>Completed</b>
<b>Doc. 04</b>	The Exhibition's Press Release	<b>11/2021</b>	<b>Completed</b>
<b>Doc. 05</b>	The Exhibition's Presentation Booklet	<b>11/2021</b>	<b>Completed</b>
<b>Doc. 06</b>	The Exhibition's Booklet	<b>11/2021</b>	<b>Completed</b>
<b>Doc. 07</b>	The Exhibition's Educational Booklet	<b>11/2021</b>	<b>Completed</b>
<b>Doc. 08</b>	The Exhibition's Poster Template	<b>11/2021</b>	<b>Completed</b>

### 6.1.3 C3. Mobilization-training of urban planners, decision-makers and technicians from local authorities and developers

#### Budget reminder of the Initiative

Progress as at 31/12/2022		
Revised budget		Expenditure
<b>REGION SUD – AMU-LPED</b>		
<b>C3.1</b>	<b>€450,570</b>	<b>€533,107.77 (118.32%)</b>
<b>C3.2</b>		
<b>C3.3</b>		

#### Objectives reminder of the Initiative

The objective of this Initiative is to train all city designers on the ecosystem benefits provided by nature in the urban environment as well as on the techniques for integrating nature into urban projects, so that decision-makers have a real motivation to integrate more nature into current or future planning documents and development projects (joint development zones, architecture and heritage enhancement areas, rehabilitation projects, urban planning, infrastructure, etc.)

#### C3.1 Training of technicians

##### REGION SUD – AMU LPED

**Forecast start date:** 01/09/2017

**Forecast end date:** 31/08/2022

**Actual start date:** 01/10/2017

**Actual end date:** 31/12/2022

#### GANNT

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD – AMU-LPED																							
C3.1	Initial																						
	Current																						

#### Implementation reminder of the sub-Initiative

The “Nature in the City and Climate” training for technicians will be done through a MOOC (Massive Open Online Course). This MOOC will be hosted by the FUN platform ([www.fun-mooc.fr/](http://www.fun-mooc.fr/)) or a dedicated platform.

#### Reminder of expected results

In the Region, train 100 technicians from LIFE partner communities, 100 technicians from “non-LIFE” communities and 200 “planner” technicians. Outside the Region; the recruitment of participants is done via the internet. The Project aims to train at least 200 people per year (completing the two sessions) via the “Nature in the City and Climate” MOOC.

#### Sub-Initiative progress

The Initiative has two components of achievement:





1. Educational component (coordinated by LPED and the Region);
2. Technical component (coordinated by the Region with the “The MOOC Agency” Service Provider).

### Implementation problems / sub-Initiative delays

The launch of the MOOC Introductory session was delayed by five months and that of the MOOC Advanced session by

one year. These delays are the result of an adaptation of the provisional schedule of the specifications to the Service Provider’s realities and work constraints. The online publication dates for the Advanced MOOC have also been shifted to ensure greater consistency between the annual online publication of the two MOOC modules. However, these delays had no impact on the achievement of the objectives because the Introductory MOOC was published online five times instead of four during the Project period and the Advanced MOOC three times, as planned in the Grant Agreement.

### Changes to the sub-Initiative.

Initially planned to be published online on the Fun MOOC Platform, the two NFCL MOOCs finally benefited from a dedicated platform managed by the Service Provider appointed by the Region (The MOOC Agency). Before the end of the Project, the Region was able to consider continuing the management of this platform with The MOOC Agency, which has since become We up Learning, by signing a new contract to maintain the hosting and proper functioning of the MOOC for the duration of the After-LIFE Project. Thus the MOOC has been rebroadcast on the platform, but from now on it is freely and continuously accessible: for the Introductory session since November 3, 2022 and for the Advanced session since December 1, 2022. The Region communicated these re-openings by email to all the contact files, to the Partners for information and distribution and on the NFCL website via a specific news item.

### Results

(See Dashboard D1.C3.1 MOOC)

This MOOC is translated into five languages (subtitled in English, Italian, Spanish, German and French) and comprises two courses, i.e. 56 videos, related resources and quizzes to verify skills.

**For the Introductory Course MOOC**, this represents 30 speakers from 23 institutions and 36 videos, 4 themes, 36 anchor quizzes, 4 thematic quizzes and 52 additional resources. Initially subtitled in French and English, the subtitles were translated into Italian, Spanish and German. A presentation teaser has been produced and broadcast on the internet for recruitment drives. These have been launched internally by the LIFE Partners and on several French and European networks (Idéal Connaissance, AITF, Euromed Cities, AVITEM, ARPE-ARB, etc.). A total of **5 sessions have been opened ((April 2019, October 2019, April 2020 (lockdown MOOC not planned), November 2020 and 2021))**. On the French course, 2,496 learners **were counted** (including 77 from Region Sud, 29 from AMP, 22 from NCA, 10 from TPM, 7 from the City of Marseille, 4 from ATMOSUD and 18 from AMU).

**For the Advanced Course MOOC**, this represents 20 speakers, 22 videos, 3 themes, 20 anchor quizzes, 3 themed quizzes and 81 additional resources. **A total of three sessions have been opened (July-August 2020, March-April 2021 and April-May 2022)**. On the French course, there were **1,263 learners**.

**On both courses: 995 certificates issued and 379 foreign language learners.**

## Schedule compliance (deliverables and milestones)

No. C3.1.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	Complete content in French and English of the Introductory session of the MOOC “Nature in the City and Climate”: <b>see deliverables below:</b> <a href="https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_FR+2022_S2/about">https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_FR+2022_S2/about</a> <a href="https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_EN+2022_S2/about">https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_EN+2022_S2/about</a>	<b>10/2018</b>	<b>03/2019</b>	<b>Completed</b>
<b>Deliv. 02</b>	Complete content in French and English of the advanced session of the “Nature in the City and Climate” MOOC: <b>see deliverables below:</b> <a href="#">Nature For City Life: Advanced course - French version   nature-for-city-life (moocnatureforcitylife.eu)</a> <a href="#">Nature For City Life: Advanced course - English version   nature-for-city-life (moocnatureforcitylife.eu)</a>	<b>06/2019</b>	<b>06/2020</b>	<b>Completed</b>
<b>Deliv. 03</b>	Full content in German, Spanish and Italian of the Introductory and Advanced sessions of the MOOC: <b>see deliverables below:</b> <b>Introductory session:</b> <a href="https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_DEU+2022_S2/about">https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_DEU+2022_S2/about</a> <a href="https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_ESP+2022_S2/about">https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_ESP+2022_S2/about</a> <a href="https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_IT+2022_S2/about">https://moocnatureforcitylife.eu/courses/course-v1:nature-for-city-life+NFCL_SI_IT+2022_S2/about</a> <b>Advanced session:</b> <a href="#">Nature For City Life: Perfektionierung - Deutsche Version   nature-for-city-life (moocnatureforcitylife.eu)</a> <a href="#">Nature For City Life: Curso de perfeccionamiento - versión en español   nature-for-city-life (moocnatureforcitylife.eu)</a> <a href="#">Nature For City Life: Corso di miglioramento - versione italiana   nature-for-city-life (moocnatureforcitylife.eu)</a>	<b>12/2020</b>	<b>12/2020</b>	<b>Completed</b>
<b>Mile. 01</b>	Launch of the two introductory and advanced sessions of the MOOC in German, Spanish and Italian	<b>12/2020</b>	<b>12/2020</b>	<b>Completed</b>
<b>Mile. 02</b>	The first introductory session of the MOOC “Nature in the City and Climate” published online in French and English	<b>10/2018</b>	<b>04/2019</b>	<b>Completed</b>
<b>Mile. 03</b>	The first advanced session of the “Nature in the City and Climate” MOOC published online in French and English	<b>06/2019</b>	<b>07-08/2020</b>	<b>Completed</b>

## Complementary productions

No. C3.1.	Document name	Completion date	Status
<b>Doc. 01</b>	Presentation Content of the NFCLIFE MOOC	04/2018	Completed
<b>Doc. 02</b>	Pedagogical scenario of the Introductory MOOC	12/2019	Completed
<b>Doc. 03</b>	Pedagogical scenario of the Advanced MOOC	12/2019	Completed

## C3.2 Training of decision-makers REGION SUD

**Forecast start date:** 01/09/2017

**Actual start date:** 01/10/2017

**Forecast end date:** 31/08/2022

**Actual end date:** 31/12/2022

### GANNT

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD																							
C3.2	Initial																						
	Current																						

### Implementation reminder of the sub-Initiative

The Initiative entails the development of training for the elected officials on the theme of nature in the city. Only the design of the training is funded in the Project. This training is linked to the themes developed in Initiative C3.1 (MOOC) and aims at acquiring the following skills:

- knowledge of all the ecosystem benefits provided by nature in an urban environment;
- knowledge of the state of the art and good command of techniques for integrating nature into urban projects for better resilience to climate change.

Across all of the three metropolitan territories, the equivalent of 36 days of training (not financed as part of the LIFE Program) will be provided during the LIFE Project period.

### Reminder of expected results

Training of 150 to 200 elected officials during the LIFE Program period.

### Sub-Initiative progress

#### **September 2017 - February 2018.**

The period from September 2017 to February 2018 was devoted to defining the organizational arrangements with ARPE, the Region's Service Provider for the execution of this Initiative as part of an integrated service provision agreement.

#### **March - August 2018.**

A meeting with the Regional Municipal Unions was held to consider collaboration for 2019 as part of their annual work program. Work was carried out in partnership with the Planning and Territorial Policies Department, which is responsible for the partnership agreement. In mid-2019, a first program of non-LIFE training (pending the conclusion of a specific contract, see below) was developed with the ARPE and a specific training offer was launched.

#### **September 2018 - December 2019**

The period September-December was devoted to continuing the exchanges with the ARPE to define the most suitable strategy for a training program for the elected officials with the awarding of a contract for the compiling of experience feedback sheets - FEEDBACK.

### **August 2020 - August 2021**

Compiled by Region Sud and the ARBE of **experience feedback sheets - FEEDBACK** - to illustrate the feasibility of Projects under several different themes. 15 Feedback sheets have been produced, freely accessible on the NFCL website and usable under a Creative Commons license,

### **May 2021 - December 2022**

The Nature for City LIFE Project has also planned to carry out a **Training Initiative for elected officials** on the theme of Nature in the City and Adaptation to Climate Change across the three Metropolitan territories. Region Sud called on the ARBE to carry out this Initiative within the framework of an integrated service contract (CPI in application of Section L2511-1 of the Public Order Code). It provided for the equivalent of 110 days for the design and implementation of the training modules across all three Metropolitan territories.

The training of elected officials was rolled out between May 2021 and December 2022 around four modules presented in [The Nature for City LIFE Training Guide which details the content of these comprehensive, tailor-made modules.](#):



*Photo 18: ARBE training in Avignon*

- **17 training days** have been set up on the dates on the territory, **including a Cycle of 4 webinars on the depaving of schoolyards “More NATURE in our Schoolyards”.**

- June 2 from 1.00pm to 2.30pm - Why undertake depaving projects?  
[https://www.youtube.com/watch?time\\_continue=6071&v=q7\\_Vg3wjgWE&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=6071&v=q7_Vg3wjgWE&feature=emb_logo)
- June 9, 1:00pm to 2:30pm - What method and what types of materials?  
[https://www.youtube.com/watch?time\\_continue=5101&v=fqI62Z7RXQQ&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=5101&v=fqI62Z7RXQQ&feature=emb_logo)
- June 16, 1.00pm to 2.00pm – Which project engineering? Organization and necessary studies  
<https://www.youtube.com/watch?v=uOwO444BURU>
- July 7 from 1.00pm to 2.00pm - What design? Choice of materials and plants  
[https://www.youtube.com/watch?v=D9F5e3t3o\\_M](https://www.youtube.com/watch?v=D9F5e3t3o_M)

Finally, in order to reinforce the operability of the trainings, **various items of feedback** on Nature in the City have been **formalized in the form of reports to inspire the elected officials** and shared on the NFCL website: [Avignon](#) ; [Avignon spécial cours d'écoles](#) ; [La Seyne](#) ; [Puyloubier](#) ; [Miramas](#) ; [Miramas ATD13](#) ; [Miramas gestion écologique des espaces verts](#) ; [Saint-Cannat](#) ; [Puyloubier](#) ; [Marseille](#) ; [\\_Ensues\\_la\\_Redonne\\_-\\_16.12.2022.pdf](#)

### **Implementation problems / sub-Initiative delays**

The application did not specify any milestones for this sub-Initiative, so the assessment of the delay in its implementation is not applicable. However, it is important to note that the launch of the training began in the context of a health crisis, linked to the COVID-19 epidemic. The end of 2021 proved to be a difficult time to mobilize elected officials who had difficulty planning for face-to-face training. Beyond the health situation, training on Nature in the City and Adaptation to Climate Change is not self-evident for some elected officials. They are interested in the ecological transition, but elected officials are faced with scheduling and mobilization constraints within their municipal team.

### Changes to the sub-Initiative.

With a view to reallocating the budget for Initiative C2.2, REGION SUD aimed to strengthen this Initiative, which was relatively under-resourced in the initial application. It was thus proposed to ensure the initial goal of training was carried out, especially for the elected officials, because of their decision-making and the implementation power they have in the design of the city. The budget breakdown for this change in Initiative is detailed in Part 8 of this Report.

### Results obtained

*(See Dashboard D1.C3.2 Training of elected officials)*

- 1. As part of the Initiatives rolled out in 2018 and 2019: **249 elected officials** were trained.
- 2. As part of the training program implemented by the ARBE, **1,135 persons** were trained:
  - **117 elected officials from Metropolitan areas** (Aix-Marseille-Provence, Nice-Côte d'Azur and Toulon-Provence-Méditerranée)
  - **80 elected officials from non-Metropolitan territories were trained**
  - **204 technicians from Metropolitan areas were trained** (Aix-Marseille-Provence, Nice- Côte d'Azur and Toulon-Provence-Méditerranée)
  - **187 technicians from non-Metropolitan territories were trained**
  - **547 other participants had their awareness of the issue raised (associations, networks, the business world, etc.)**

This is equivalent to a **total workforce of 1,384 people**.

### Schedule compliance (deliverables and milestones)

**No deliverables or milestone for this sub-Initiative.**

### Complementary productions

No. C3.2	Name of the document	Date completion	of Status
Doc. 01	NFCL Elected Officials Training Booklet	10/2021	Completed
Doc. 02	PPT Presentation Material Module A "Discovery and Awareness of Nature in the City and Climate Change".	06/2021	Completed
Doc. 03	Press kit "Launch of the NFCL Training Program"	09/2021	Completed
Doc. 04	PPT presentation material Module D "Skills Advancement Workshop" (Municipality of Saint-Cannat)	01/2022	Completed
Doc. 05	PPT presentation material Module D "Schoolyard depaving webinar cycle"	03/2022	Completed
Doc. 06	Press release "Invitation: Miramas, Green, Sustainable City, First Step 2022"	03/2022	Completed
Doc. 07	Workshop material Module C "Nature in the City and Adaptation to Climate Change" (ATD13)	06/2022	Completed
Doc. 08	PPT presentation material Module D "Raising awareness among Miramas elected officials on the Ecological Management of Green Spaces".	07/2022	Completed
Doc. 09	PPT presentation material Module D "Workshop Planning and Biodiversity" for the certified Territories committed to Nature and Sustainable Territories	09/2022	Completed
Doc. 10	PPT presentation material Module D "Workshop on Planning by improving our Quality of Life".	10/2022	Completed
Doc 11	Final Report and Appendices Initiative C.3.2 ARBE	01/2023	Completed



<b>Doc. 12</b>	Aubervilliers Tierce Forêt Feedback sheet	<b>08/2021</b>	<b>Completed</b>
<b>Doc. 13</b>	Besançon cemeteries Feedback sheet	<b>08/2021</b>	<b>Completed</b>
<b>Doc. 14</b>	Grenoble Feedback sheet	<b>08/2021</b>	<b>Completed</b>
<b>Doc. 15</b>	Lyon Feedback sheet	<b>08/2021</b>	<b>Completed</b>
<b>Doc. 16</b>	Montpellier Feedback sheet	<b>08/2021</b>	<b>Completed</b>

### C3.3. Practical workshops on “Nature in Cities”

#### REGION SUD

**Forecast start date:** 01/09/2017

**Actual start date:** 01/10/2017

**Forecast end date:** 31/08/2022

**Actual end date:** 31/12/2022

#### GANNT

		2017		2018				2019				2020				2021				2022				
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report										
REGION SUD																								
C3.3	Initial																							
	Current																							

#### Implementation reminder of the sub-Initiative

In addition to the theoretical training, practical workshops to implement the knowledge acquired, involving elected officials and technicians, will be organized in the three Project territories.

Work on the urban planning documents concerned by the theme.

The Region will recruit a Service Provider to lead these territorial workshops. Each year at least five one-day sessions will be held.

#### Reminder of expected results

Work on 10 different documents each year, 50 over the duration of LIFE.

#### Sub-Initiative progress

Awarding of the contract to hire the Service Provider to lead the elected officials-technicians and residents workshops.

The contract was awarded to the Company SENNSE in the amount of €200,130, excl. tax.

Organization of meetings with the departments of the three Metropolises in the form of Project reviews to get in touch with the operational teams and to prepare the schedule of preparatory meetings and upcoming workshops.



Photo 19: Sustainable City Seminar in Miramas

From January 2019 to December 2022, numerous workshops were held in each metropolis and in various municipalities to study urban planning documents or to participate in ambitious projects such as the AMP Metropolitan Climate-Air-Energy Plan or the organization of a Sustainable City seminar in Miramas or the PLUI of the Pays d'Aix or that of the Pays d'Aubagne (see details of each workshop in the *Monitoring dashboard for Workshops C3.3 and C4 D1. Deliv. 05*)

#### Implementation problems / sub-Initiative delays

No significant delay in the implementation of this sub-Initiative. The 2020 municipal elections, which were delayed by three months due to the COVID-19 health crisis, have resulted in a hiatus in terms of the Initiative

rollout between March and October 2020. Similarly, the regional elections scheduled for 2021 have caused the organization of these workshops to be put on hold for a maximum of three months (first quarter 2020). The Region, in close partnership with the three partner Metropolises, has taken care to hold as many workshops as possible during periods outside of election times in order to carry out this Initiative as planned.

### Changes to the sub-Initiative.

Since the submission of the Project application, the AMP and NCA Metropolises have begun to draw up their metropolitan PLU, **which considerably reduces the number of urban planning documents likely to be associated with this Initiative** (7 PLUi instead of more than 140 potential ones). **It was therefore decided to expand the workshops to include development projects** (as for Initiative C4). The Initiative provided for the development of an educational kit, which now takes the form of a practical guide for community departments wishing to implement elected officials -technicians workshops as part of the NFCL. A second guide of recommendations for elected officials - technicians workshops was produced in 2022 and distributed. Finally, a Final Report 2018/2022 - Organization and facilitation of “Nature in the City” consultation workshops on urban development projects - Initiative C3.3 Elected Officials -Technicians was also produced.

### Results

*(See Dashboard D1.C3.3 Elected officials / Technicians workshops and Dashboard for monitoring Workshops C3.3 and C4 D1. Deliv. 05)*

A total of **21 workshops** were held on **19 planning documents and urban projects**. They involved **1,000 technicians and 160 elected officials**.

### Schedule compliance (deliverables and milestones) and next steps

No. C3.3.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	Recommendations Guide for elected officials - technicians	<b>06/2018</b>	<b>10/2022</b>	<b>Completed</b>
<b>Mile. 01</b>	Holding of the first practical workshop on “Nature in the City”	<b>09/2018</b>	<b>10/2018</b>	<b>Completed</b>

### Complementary productions

No. C3.3.	Document name	Completion date	Status
<b>Doc. 01</b>	Practical guide for holding workshops for elected officials - technicians	<b>09/2020</b>	<b>Completed</b>
<b>Doc. 02</b>	Final Report 2018/2022- Organization and facilitation of “Nature in the City” consultation workshops on urban development projects - Initiative C3.3 Elected Officials / Technicians	<b>12/2022</b>	<b>Completed</b>



### 6.1.3. C4. Mobilization of residents around REGION SUD urban planning projects

#### Budget reminder of the Initiative

Progress as at 31/12/2022		
	Revised budget	Expenditure
REGION SUD – AMU-LPED		
C4	€119,840	€202,453.43 (168.94%)

Forecast start date: 01/09/2017

Actual start date: 01/10/2017

Forecast end date: 31/08/2022

Actual end date: 31//2022

#### GANTT and Budget reminder of the Initiative

		2017				2018				2019				2020				2021				2022							
		3	T	4	T	1	T	2	T	3	T	4	T	1	T	2	T	3	T	4	T	1	T	2	T	3	T	4	T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report															
	REGION SUD																												
C4	Initial																												
	Current																												

#### Objectives reminder of the Initiative

This Initiative aims to provide for the implementation of an optional prior consultation on certain urban projects and to specifically organize workshops around the theme of the development of nature in the city to strengthen its resilience to climate change. This Initiative aims to enable the development of consultation upstream and aims to help prevent litigation downstream.

#### Implementation reminder of the Initiative

The Region will recruit a Service Provider via a public contract to run workshops for elected officials and technicians on a number of urban development projects. Some urban development projects were identified in the application but these lists were likely to change. This consultation only concerns the consideration of issues related to Nature in the City as a factor of resilience to climate change in urban projects. In addition to residents, it will involve the urban project teams of the relevant departments and/or those of the metropolises and/or municipalities in which each project has been identified.

#### Reminder of expected results

Work each year on 5 to 10 different urban projects per metropolitan area, i.e. a maximum of 30 projects over the duration of the LIFE Project.

#### Initiative progress

See Initiative C3.3 for the drafting of the contract. Indeed, it was considered more relevant to have a single provider to organize both types of workshops in order to facilitate, if necessary, the exchanges between elected officials and technicians on the one hand and residents on the other.

In September 2018, the contract kick-off meeting with the selected Service Provider was held (see C3.3).

From October onwards, meetings were organized with the departments of the three Metropolises in the form of Project reviews to make contact with the operational teams and to prepare the schedule of preparatory meetings and upcoming workshops.



*Photo 20: Workshop in Square Stephan in Marseille*

From January 2019 to December 2022, numerous resident workshops were set up in the three Metropolises and various municipalities, in particular for Joint Development Zone projects, as part of NPNRU (urban renewal of neighborhoods), schoolyard greening projects, Eco-neighborhood projects or the rehabilitation of squares or parks. (See details of each workshop in the *C3.3 and C4 D1 Workshop Tracking Dashboard. Deliv. 05*)

### Implementation problems / sub-Initiative delays

This sub-Initiative has been delayed due to the difficulty of convincing elected officials to attract resident interest on urban planning projects. The 2020 municipal elections, which were delayed by three months due to the COVID-19 health crisis, have resulted in a hiatus between March and October 2020. Similarly, the regional elections scheduled for 2021 have caused the organization of these workshops to be put on hold for a maximum of three months (first quarter 2020). The Region, in close partnership with the three partner Metropolises, has taken care to hold as many workshops as possible during periods outside of election times in order to carry out this Initiative as planned.

### Changes to this Initiative.

#### In the deliverables

A new deliverable “Resident Workshop Recommendation Guide”: a practical guide for organizing resident workshops was produced in 2022 and distributed. The compilation of “Nature in the City and Climate” workshops for each project issued for consultation (C4. Deliv. 02) and the report on the consideration by the Project owners of the public's comments and proposals planned for the end of the Project (C4. Deliv. 03) will not be realized in this form. They were replaced by a Final Report from the events task to lead resident workshops: “Final Report 2018/2022- Organization and facilitation of Nature in the City consultation workshops on urban development projects” - Initiative C4. Residents (C4. Deliv. 01) which could serve as a reference document for the transferability of this Initiative.

#### In the milestones

The deliberative assemblies are no longer asked to adopt the list of projects that will be subject to prior consultation with the organization of workshops (C4. Mile.01). In fact, as part of the implementation of NFCLIFE, the projects on which it was an option to work were either still in the very early stages of the regulatory process or already launched. In both cases, integration into a regulatory procedure is not relevant, as the objective of the Initiative is to raise residents' awareness of the need to integrate nature into development projects for better adaptation to climate change.

### Results

*(See Dashboard D1.C4: resident workshops)*

**24 workshops held** (a workshop can be organized over several half-days). **17 urban projects** supported. 57 associations, **966 residents and 137 public and private technicians mobilized.**

## Schedule compliance (deliverables and milestones)

No. C4.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	Final resident facilitation report for demonstration sites: "Final Report 2018/2022- Organization and facilitation of Nature in the City consultation workshops on urban development projects" - Initiative C4. Residents	08/2022	12/2022	Completed
<b>Deliv. 02</b>	The compilation of "Nature in the City and Climate" workshops for each project issued for consultation*	08/2022	-	
<b>Deliv. 03</b>	Report on the consideration by the project owners of the public's comments and proposals*	08/2022	-	
<b>Deliv. 04</b>	Recommendation guide for organizing resident workshops		10/2022	Completed
<b>Mile. 01</b>	Adoption by the deliberative assemblies of the list of projects that will be submitted for prior consultation with the organization of "Nature in the City and Climate" workshops*	03/2018		
<b>Mile. 02</b>	Recruitment of Service Providers to lead the workshops (at least one Service Provider per metropolitan area)	06/2018	06/2018	Completed

\* The compilation of "Nature in the City and Climate" workshops for each project issued for consultation (C4. Deliv. 02) and the report on the consideration by the Project owners of the public's comments and proposals planned for the end of the Project (C4. Deliv.03) were replaced by a Final Report of the task to lead the resident workshops: "Final Report 2018/2022- Organization and facilitation of Nature in the City consultation workshops on urban development projects" - Initiative C4. Residents (C4. Deliv. 01) which could serve as a reference document for the transferability of this Initiative (see above modification of the Initiative)

## Complementary productions

No. C4.	Document name	Completion date	Status
<b>Doc. 01</b>	Practical guide for organizing resident workshops	10/2020	Completed

### 6.1.4. C5. REGION SUD forums and seminars

## Budget reminder of the Initiative

		Progress as at 31/12/2022	
		Revised budget	Expenditure
<b>REGION SUD</b>			
<b>C5.0</b>		€138,860	€79,479.35 (57.24%)
<b>C5.1</b>			
<b>C5.2</b>			
<b>C5.3</b>			

### C5.0. Kick-off meeting

**Foreseen start date:** new sub-Initiative  
**Foreseen end date:** new sub-Initiative  
**GANNT**

**Actual start date:** 01/10/2017  
**Actual end date:** 28/02/2018

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD																							
C5.0	Initial	New sub-Initiative																					
	Current																						

## Objectives of the sub-Initiative

To officially launch the Nature For City LIFE Project by presenting it to local stakeholders, elected officials, public and private technicians, associations, schoolchildren and residents.

## Implementation of the sub-Initiative

The kick-off meeting was held over half a day, allowing for the presentation of each Partner and each Project Initiative.

## Expected results

Presentation of the Project to at least 100 local stakeholders.

## Sub-Initiative progress

In the first year of the Project, the Region decided to organize a kick-off meeting to present the NFCL to the local stakeholders potentially concerned. It was held on February 1, 2018.

## Results

(See Dashboard D1.C5: Forums and seminars)

The Project's kick-off meeting held on February 1, 2018 brought together **about 100 people from 24 communities, 10 associations and 2 companies**.

## Schedule compliance (deliverables and milestones)

No deliverables and milestones for this sub-Initiative as this was not initially planned.



Photo 21: NFCL kick-off meeting February 1, 2018

## Complementary productions

No. C5.0.	Document name	Completion date	Status
Doc. 01	Invitation card kick-off meeting February 2018	01/2018	Completed

## C5.1. Resident forums

Forecast start date: 01/01/2019

Actual start date: 01/10/2017

Forecast end date: 31/12/2021

Actual end date: 31/05/2022

GANTT

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD																							
C5.1	Initial																						
	Current																						

## Objectives reminder of the sub-Initiative

Share experiences between residents to increase knowledge and resident awareness of the Project's issues. Strengthen the involvement of residents in the climate governance of their local area.

### Implementation reminder of the sub-Initiative

The second and fourth year of the LIFE Project will be structured to encourage discussions between the residents of all the territories concerned by the LIFE Project who have participated in the events workshops implemented as part of Initiative C4.

### Reminder of expected results

Conducting of two residents' forums (in two of the three partner territories) with a minimum participation of 100 people. Compiling of a file of proposals for resident governance on the issue of nature in the city and distribution of 1,000 copies in French and in English.

### Sub-Initiative progress Implementation problems / sub-Initiative delays

The Grant Agreement provided for the conducting of a first resident forum in the first half of 2019. This was initially postponed to the end of 2020, as its holding just a few months before the March 2019 municipal elections could pose problems in terms of compliance with French electoral law, and then it was postponed to early 2021. Moreover, following the COVID-19 health emergency, the European Forum had to be moved (see below) and it was not possible to hold the two events simultaneously. After the health crisis, when the Region asked the NCA and TPM Metropolises to hold these forums, they sprung into full action to co-organize these events, taking care to back them up with two large-scale events, one at international level in Nice, the other at national level for Toulon, in order to give the challenges faced by the NFCL Project greater exposure.

### Changes to the sub-Initiative.

The first resident forum was finally scheduled for the first half of 2021. However, it was eventually held in the second half of 2021 to attract a larger number of participants, as the number of residents who had participated in various project Initiatives (including C1.2, C2.1, and C4) was larger at that time. The second resident Forum was held in Toulon in the first half of 2022.

### Results

(See Dashboard D1.C5: Forums and seminars)



Photo 22: Resident's Forum workshop October 2021 in Nice

**The first resident forum in NICE was organized within the framework of Nice Transition Days on September 30 and October 1, 2021.** This resident forum was comprised of several sessions: three 45-minute workshops, the holding of a vox pop, showcasing of the NFCL Region Exhibition, and a proposal for activities for young members of the public. This event, which brought together **more than 100 participants**, was the subject of a report by SENSEE, the firm that the Region commissioned to organize these residents' meetings. (C5.1 Deliv. 01).



Photo 23: Walking conversation "Living on a Path" Resident Forum May 2022 in Toulon

**The second resident forum was held in Toulon on May 14, 2022** to build on the momentum of the **48-hour Urban Agriculture Festival held in the Toulon Metropolis on the weekend of May 14 and 15 by the Var Collective for Urban Agriculture.** Several events made up this resident forum: walking conversation "Living on a path to discover the route of the future Metropolitan Trail"; three other walks on Nature in the City and Adaptation to Climate Change; events built around the Exhibition; a round table: "Jardiner les villes" with I.CANAL, F.CROMBE and T.TROIANOWSKI from the Var Collective for Urban Agriculture; a conference-debate facilitated by



JN.CONSALES, Senior Lecturer at the Institute of Urban and Regional Planning at the Aix-Marseille University, on “Urban Agriculture and Agri-Urbanism”.

The day, which brought together about 100 participants, consisting of a multitude of outdoor events and a very mobile public, was not conducive to the drafting of a summary.

### Schedule compliance (deliverables and milestones)

No. C5.1.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	Proceedings of the Nature For City LIFE Resident Forums	06/2021	10/2021	Completed
<b>Mile. 01</b>	Holding of the first Nature For City LIFE Resident Forum	03/2019	10/2021	Completed
<b>Mile. 02</b>	Holding of the second Nature For City LIFE Resident Forum	03/2021	05/2022	Completed

### Complementary productions

No. C5.1.	Document name	Completion date	Status
<b>Doc. 01</b>	Photos Resident Forum Nice	10/2021	Completed
<b>Doc. 02</b>	Photos Resident Forum Toulon	05/2022	Completed

### C5.2. European Forum and C5.3 Closing Seminar

**Forecast start date:** 01/01/2021

**Actual start date:** 01/01/2020

**Forecast end date:** 07/2022

**Actual end date:** 06/2022

### GANTT

		2017		2018			2019			2020			2021			2022				
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	
		Progress Report 1			Mid-Term Report			Progress Report 2			Final Report									
REGION SUD																				
C5.2	Initial																			
	Current																			
C5.3	Initial																			
	Current																			

### Implementation problems / sub-Initiative delays

Similarly, the European Forum that was to be held in June 2020, was postponed twice due to the health crisis. No delay in the holding of the closing Forum which was done in June 2022 prior to the originally scheduled August 2022 Project closing, which was extended by amendment to December 31, 2022.

### Results of the sub-Initiative

(See Dashboard D1.C5: Forums and seminars)

**1. The European Forum “Re-wrap Cities - Think Nature”** was conceptualized as a real Project highlight. It had three objectives: to promote the initial results obtained in the Region, to offer a special platform for exchanges on a European scale and to make the Region and the Project Partners key players in the European dynamic of adaptation to climate change. Due to the health crisis, the format had to be reconsidered:

**Proceedings 1, on July 1st, was organized remotely** around a plenary conference: From urban biodiversity to urban planning: Philippe Clergeau and six round tables: the permeable city to biodiversity; within an approach of adaptation, how does one think about a health-friendly urbanism; the role of water in cities;

failed projects and how to learn from one's mistakes and those of others? Initiative research to feed public policy; resident involvement.



*Photo 24: walk on the top of Sainte-Marthe in Marseille*

**Proceedings 2, on October 8, 2021, in person** was built around a plenary conference: “Nature to the City’s Rescue”. Desire, Urban Well-being, the Unthought of, Inequalities” (by Lise Bourdeau Lepage), and two round tables: “Are Green Cities Cities for the Wealthy?” - “European Projects: taking into account the challenges of Nature in the City by Europe and feedback on these Projects”. The afternoon was structured around five urban walks with the Bureau des Guides BGR2013 Partner.

This forum provided a valuable platform for sharing and a first presentation to the public of the “Nature in the City and Adaptation to Climate Change” Exhibition. Over the two days, **it brought together more than 200 participants**, who gave very positive feedback on the plenary conference, the two round tables as well as the walks, mentioning the significant usefulness of the day for their professional practice. Finally, the BGR has produced a number of productions as part of the walks: [News from the Bureau des Guides GR2013 // January 2022](#)

**2. Finally, the closing forum on Nature in the City and Adaptation to Climate Change** took place in the NCA Metropolis in Nice on **June 15, 2022**. The objectives of this day were fourfold: to disseminate the final results of the Project to all Partners and stakeholders, to present the Nature in the City Travelling Exhibition, to show, through field visits, the tangible achievements of Nature in the City and to launch the After-LIFE Program.



The morning was built around an **original report** co-organized with the Bureau des Guides BGR2013 entitled “**Walk the Project: Conversations in the footsteps of the Nature For City LIFE Project**”. This sequence highlighted the results of the five years of the Project with a certain number of its proponents and stakeholders by exploring **the idea of a path taken in a shared geography**.

*Photo 25: Closing Forum June 15, 2022 in Nice*

**Films were made** by the Partners and shown during the Forum: one by AtmoSud on climate monitoring (<https://youtu.be/Q9Sy7R0G34w>) and the other by the Nice Côte d'Azur Metropolis (<https://youtu.be/pfIDDRPG7bQ>) on the Project's contributions to the territory. A video has also been produced by the team [http://www.nature4citylife.eu/fileadmin/user\\_upload/retour\\_en\\_image\\_forum.mp4](http://www.nature4citylife.eu/fileadmin/user_upload/retour_en_image_forum.mp4)



In the afternoon, visitors were able **to discover**, through **visits and urban walks, iconic sites related to Nature in the City**: Visit of the Arson Square sensor with Alexandre Armengaud / AtmoSud; Visit of the Saint-Jean-d'Angely Garden, the creation of a green lung in the heart of the district with Emmanuel Robert, Head of the Works and Development Division /City of NICE; Commented walk Following the bed of the Paillon /The League for the Protection of Birds of the Alpes-Maritimes.

*Photo 26: visit of the future Saint-Jean-d'Angely Garden in Nice*

Within the framework of this Forum, a four-page spread was specifically commissioned by the Region from **Magazine Sans Transition's** [NATURE EN VILLE: REGION SUD SHOWS BY EXAMPLE \(sans-transition-magazine.info\)](https://sans-transition-magazine.info). This document zoomed in on the Exhibition, the MOOC, the TMP Metropolitan Trail and the training of elected officials. At the end of the forum, it was sent by mail to **33 elected officials** and by email to **1,134 people with a reference** to the theme of biodiversity and nature in the city, equating to a total of **1,167 people**.

Finally, this Forum, which brought together about a hundred participants, **officially launched the After-LIFE Program in the presence of elected officials** by announcing the Initiatives implemented by the Partners for the following five years.

### Schedule compliance (deliverable and milestone)

No. C5.2.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	Proceedings of the European "Nature in the City and Climate" Forum	<b>07/2022</b>	<b>07 and 10/2021</b>	<b>Completed</b>
<b>Mile. 01</b>	Holding of the European "Nature in the City and Climate" Forum	<b>12/2021</b>	<b>07 and 10/2021</b>	<b>Completed</b>
No. C5.3.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	Proceedings of the Nature For City LIFE closing seminar	<b>07/2022</b>	<b>06/2022</b>	<b>Completed</b>
<b>Mile. 01</b>	Holding of the Nature For City LIFE closing seminar	<b>05/2022</b>	<b>06/2022</b>	<b>Completed</b>

### Complementary productions

No. C5.2.	Document name	Completion date	Status
<b>Doc. 01</b>	BGR artists' productions related to the Forum's walks	<b>10/2021</b>	<b>Completed</b>
<b>Doc. 02</b>	PPT of the Round Table on European projects	<b>10/2021</b>	<b>Completed</b>
No. C5.3.	Document name	Completion date	Status
<b>Doc. 01</b>	The four pages of Magazine Sans Transition on the NFCL Project	<b>06/2022</b>	<b>Completed</b>
<b>Doc. 02</b>	The NFCL Project Card	<b>06/2022</b>	<b>Completed</b>
<b>Doc. 03</b>	Photos of the NFCL Nice closing Forum	<b>06/2022</b>	<b>Completed</b>

### 6.1.5. D1. Monitoring of the impact of the REGION SUD Initiatives

#### Budget reminder of the Initiative

Progress as at 31/12/2022		
Revised budget		Expenditure
REGION SUD		
D1	€52,140	€47,496.74 (91.09%)

Forecast start date: 01/09/2017

Actual start date: 01/09/2017

Forecast end date: 31/08/2022

Actual end date: 31/12/2022

#### GANNT and Budget reminder of the Initiative

		2017				2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T		
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report											
		REGION SUD																							
D1	Initial																								
	Current																								

#### D1.1 Urban monitoring

##### Objectives reminder of the sub-Initiative

Data from the 18 air quality and temperature sensors will be analyzed to compensate for seasonal and annual effects to inform the physical-chemical benefits provided by green and blue infrastructure (GBI). To format all the climate data to feed the content of the other Initiatives (C2, C3, C4, C5, E1 and E2).

##### Implementation reminder of the sub-Initiative

Monitoring tables will be designed for the evaluation (PM 2.5, NO2, O3, temperature) following AtmoSud's extensive expertise. Information will be disseminated through communication tools as described in Initiative E.1. A monitoring table of data collected at each site (C1), a monitoring table by territory and a global monitoring table. Bi-annual data analysis.

##### Reminder of expected results

Awareness of urban air quality and temperature and their complex relationship to the presence or absence of GBI is needed to develop more GBI in cities and contribute to climate resilience.

##### Sub-Initiative progress

The supplier of the micro-sensors (Vaisala) also provides a computer interface for monitoring the measurements in real time. The initially planned dashboard is therefore replaced by this interface, screenshots of which are presented in Deliverable D1. Deliv. 01.

##### Implementation problems / sub-Initiative delays

The delay in implementation of this sub-Initiative is directly related to the delay in sub-Initiative C1.1 (see above).

##### Changes to the sub-Initiative.

The dashboard, which is not very dynamic, is advantageously replaced by a computer interface allowing real-time monitoring of the measurements taken.

##### Results

See the "Deliverables" folder D1. Deliv .01, and update the data of the reference sites in "Complementary

productions” C1.1. Doc 05: Technical note Final Report Initiative C1.1 December 2022.

## D1.2 Representations of Nature in the City

### Objectives reminder of the sub-Initiative

To allow the analysis of all the sociological data collected in order to monitor its change for the duration of the LIFE Project. To format all the sociological data to feed the content of the other Initiatives.

### Implementation reminder of the sub-Initiative

The LIFE Project aims to explore new ways of designing the city drawing on specific governance tools. To achieve this objective, it is necessary to work on mobilizing the stakeholders, in particular by changing their representations of nature in the city and its role. Regular monitoring of how these representations change will be implemented as will the level of cooperation between stakeholders.

### Reminder of expected results

Developing knowledge of sociological representations based on nature in cities will help to design climate-related policies and GBI in cities taking into account considerations of the local terrain.

### Sub-Initiative progress

The first series of surveys made it possible to compile an analysis report whose tables presenting the responses per question constitute a first level of dashboard (see C1.2. Doc. 01). **The planned final dashboard has been replaced by a numerical review of the sociological surveys conducted for the 2018/2022 period** that compiles the sociological data.

### Implementation problems / sub-Initiative delays Changes to the sub-Initiative.

Sub-Initiative C1.2 has been modified (see above) by integrating in 2020 a new type of survey (surveys of participants in the walks or MOOCs or elected officials) instead of simply repeating the 2018 and 2019 surveys. It therefore seemed appropriate to think about a new system for monitoring the results of the surveys that was more in line with this new type of sociological monitoring by type of Initiative.

### Results

A **“Review of Sociological Surveys Conducted for 2018/2022 period”** was completed in December 2022 by the LPED (see C1.2). Deliv. 04.

## D1.3 Economic data

### Objectives reminder of the sub-Initiative

Enable the analysis of data from economic surveys related to GBI in order to assess the socio-economic benefits provided by them based on the following two characteristics: real estate and appeal.

### Implementation reminder of the sub-Initiative

Tracking charts will be designed for the assessment of real estate and appeal according to the LPED’s expertise. The information will be disseminated through communication tools as described in Initiative E.1.

### Reminder of expected results

Developing knowledge on the economic appeal of GBI will help policy-makers to develop climate policy based on the implementation of GBI.

### Sub-Initiative progress

Finally, the economic surveys were not conducted and the related dashboard was not finalized (see C1.2).

### Changes to the sub-Initiative.

Economic surveys have been replaced by a report: **“Economic Analysis: Nature in the City and Climate Change”** (see 6.1.1. above C1.2 Socio-economic monitoring).



## Results

Production of a complete study: “**Economic Analysis: Nature in the City and Climate Change**” produced by the LPED in December 2022 (see C1.2.) Deliv. 04.

### D1.4 Evolution of development projects

#### Objectives reminder of the sub-Initiative

This sub-Initiative aims to monitor and measure the evolution of urban projects through a qualitative and quantitative approach following certain indicators

#### Implementation reminder of the sub-Initiative

Monitoring charts will be designed to address the various indicators.

#### Reminder of expected results

Strengthening integrated climate-based governance in 15 to 30 urban projects will increase the climate resilience of cities.

#### Sub-Initiative progress

See below for details of the changes to this sub-Initiative.

Dashboard deliverable for monitoring of resident activities C4 becomes Monitoring Dashboard for workshops C3.3-C4.

#### Implementation problems / sub-Initiative delays

With the implementation of training, information and awareness-raising Initiatives as planned, the Project's objectives focus on the highest possible number of targets to be reached by category of audience (elected officials, technicians, residents, schoolchildren, etc.) and on the change in terms of their representations of the role of Nature in the City for Adaptation to Climate Change. The impacts of these Initiatives on the advancement of the development projects themselves will not be measurable within the timeframe of Project implementation

#### Changes to the sub-Initiative.

The dashboard for this sub-Initiative (monitoring of C4 resident activities) becomes the Monitoring Dashboard for workshops C3.3-C4 (D1. Deliv. 05).

## Results

*(See Dashboard D1 C3.3 and C.4: Workshops and Monitoring Dashboard of workshops C3.3 and C4 in Deliverables: D1. Deliv. 05)*

**The objective of studying 10 planning documents through the C3 Initiative of the elected officials / technician workshops was achieved, since 19 planning documents were studied** thanks to the 21 workshops organized.

Through the **C4 Residents' Workshops Initiative, 24 urban projects** for 17 workshops have taken into account a significant part of the recommendations resulting from the consultation workshops, so the **objective set at about 15** has thus also been reached.

### D1.5 Transferability of Initiatives

#### Objectives reminder of the sub-Initiative

Following the E.2 Initiative supporting the Eurocities and Climate Alliance networks, the think tank of the Conference of Peripheral Maritime Regions and the ERRIN platform based in Brussels, the objective is to transfer, replicate and disseminate the methods and results of the LIFE Project elsewhere in Europe.

#### Implementation reminder of the sub-Initiative

Several milestones and deliverables have been provided for (see below **for adherence to the timetable of the entire Initiative**). **A tracking table will be designed to verify that the objectives are being**

met correctly.

### Reminder of expected results

The transfer of knowledge on the ecosystem benefits provided by urban GBI as well as on integrated and climate-based governance, developed in the LIFE Project and allowing replication in similar projects elsewhere, will help to structure urban climate resilience.

### Sub-Initiative progress

The dashboard has been implemented and has been regularly filled in.

### Implementation problems / sub-Initiative delays

None

### Changes to the sub-Initiative.

None

### Results

*(See Dashboard D1 E2.1 and Monitoring Dashboard European Networking in Deliverables D1. Deliv. 06)*

## D1.6 Global Project monitoring

### Objectives reminder of the sub-Initiative

A comprehensive evaluation activity to monitor and control the implementation, results and impacts of Initiatives through indicators, and to take timely corrective action.

### Implementation reminder of the sub-Initiative

There are three different evaluation processes: define the initial state for each Initiative and indicators; monitor the implementation of the Initiative; evaluate the results and impact of the Initiatives on climate resilience.

### Reminder of expected results

Impact on governance (Tab 1). Economic benefits (Tab 2). Social development (Tab 3).

### Sub-Initiative progress

At the start of the Project, several tables were set up to monitor the implementation of the Initiatives. In 2019, work was done to unify these tables in order to have a single global monitoring tool for the Project.

### Implementation problems / sub-Initiative delays

Following the first meeting of the Project's monitoring and evaluation committee, it was decided to merge them with the technical monitoring committees so as not to multiply the number of annual meetings. The dates indicated in the table below (**Schedule compliance of the whole Initiative**) are therefore those of the corresponding technical committees.

### Changes to the sub-Initiative.

A proposal has been made to adjust the indicators initially put forward in the application (Life Indicators - LI) and for the LIFE Program (KPI) so that they correspond to the data likely to be produced by a governance project. The indicators, including those relating to changes in air quality measurements and changes in development projects, were reconsidered during the second period of the Project in order to be able to provide the best possible information in view of the difficulties encountered.

### Results

*(See Dashboard D1.F1: Governance)*

## Schedule compliance of the whole Initiative (deliverables and milestones)

No. D1.	Deliverable / Milestone name	Initial deadline	Completion date	Status
Deliv. 01	Air Quality Monitoring Dashboard C1.1	10/2017	11/2019	Completed
Deliv. 02	Global Project monitoring*	01/2018	12/2022	Completed
Deliv. 03	Dashboard for monitoring sociological surveys C1.2** Report on the 2018 / 2022 sociological surveys	02/2018	12/2022	Cancelled and replaced by
Deliv. 04	Dashboard for monitoring economic surveys C1.2*** Economic analysis report: Nature in the City and Climate Change	02/2018	12/2022	Cancelled and replaced by
Deliv. 05	Workshop monitoring dashboard C3.3-C4	02/2018	12/2022	Completed
Deliv. 06	European networking monitoring scorecard E2.1 and E2.2	02/2018	02/2018	Completed
Mile. 01	First meeting of the Monitoring and Evaluation Committee	09/2017	10/2017	Completed
Mile. 02	Second meeting of the Monitoring and Evaluation Committee	05/2018	02/2018	Completed
Mile. 03	Third meeting of the Monitoring and Evaluation Committee	11/2018	10/2018	Completed
Mile. 04	Fourth meeting of the Monitoring and Evaluation Committee	05/2019	07/2019	Completed
Mile. 05	Fifth meeting of the Monitoring and Evaluation Committee	11/2019	11/2019	Completed
Mile. 06	Sixth meeting of the Monitoring and Evaluation Committee	11/2020	11/2020	Completed
Mile. 07	Seventh meeting of the Monitoring and Evaluation Committee	11/2021	11/2021	Completed

\*Please note: there is an error in the application on Deliv. 02. It says "Air Quality Results Dissemination Articles on the Project Website" whereas Deliv. 02 is the overall Project Dashboard.

\*\*In the D1 monitoring table, all the data related to socio-economic monitoring is available on Tab C1, i.e.: No. of questionnaires on users and inhabitants carried out; No. of questionnaires on technicians carried out; No. of questionnaires on elected officials carried out; No. of data analysis reports. Reminder: this table has been superseded by the 2018 / 2022 Socio-Economic Survey Report produced for Initiative C1.2. See deliverables Initiative C1.2

\*\*\*The C1.2 economic survey monitoring dashboard has been replaced by the "Economic Analysis: Nature in the City and Climate Change" Report produced as part of Initiative C1.2. See deliverables Initiative C1.2

### 6.1.6. E1. Information and awareness-raising tools and tools for disseminating REGION SUD Project results

#### Budget reminder of the Initiative

	Progress as at 31/12/2022	
	Revised budget	Expenditure
<b>REGION SUD</b>		
<b>E1</b>	<b>€192,160</b>	<b>€78,769.21 (40.99%)</b>

#### Objectives reminder of the Initiative

This entails creating simple and easily-accessible or disseminable communication tools to inform and raise awareness among the general public, local stakeholders and Partners about the Project, from local level (brochures, booklets, signboards) to European and international level (website).

### E1.1 to 3 Graphic charter - Website - Presentation brochure

Forecast start date: 01/09/2017

Actual start date: 01/10/2017

Forecast end date: 31/03/2018

Actual end date: 31/12/2022

GANNT

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD																							
E1.1 to E1.3	Initial																						
	Current																						

### E1.1 Graphic charter

#### Implementation reminder of the sub-Initiative

Definition of a Program logo and a graphic charter approved by all financial Partners and associated beneficiaries at the beginning of the Program. A request for proposals was issued in October 2017 for the creation of the logo and graphic design, which was finalized in January 2018.

#### Target groups

All Project Partners, stakeholders and target audiences.

### E1.2 Website

#### Implementation reminder of the sub-Initiative

A dedicated website has been developed to present Program objectives and measures on how to achieve them. The aim is to make this information available to everyone. This site will also keep the European Partners of this Program informed. The site is well illustrated and will be updated regularly (at least once a month) to reflect the Program's progress. The Regional department in charge of the local authority's website will be responsible for updating it, in conjunction with the LIFE Project Manager, the LIFE correspondents of each beneficiary partner and the Region's communication department. A computer link will connect the Region and LIFE websites.

#### Target groups

All Project Partners, stakeholders and target audiences. The site will be referenced and all existing communication media of the Partners (websites, magazines, etc.) will mention it.

### E1.1 and E1.2 Sub-Initiative progress

The communication Initiative was launched at the beginning of the NFCL Project. The development and online publication of a website dedicated to the Project (E1. Deliv. 02) as well as the creation of the graphic charter and the logo (E1. Deliv. 01) were conducted in parallel in late 2017. The site went live as scheduled on February 28, 2018. The site is available at the following address: <http://www.nature4citylife.eu/>.

#### Implementation problems/delays of the sub-Initiatives.

The regular updating of the Project website has been delayed from May 2019. This was no longer done owing to lack of time available to the Project team for carrying this out. As a result, the Project team did little to publicize the site, which received few visits. As of June 2020, all the sections of the NFCL website have been regularly updated, especially the "News", "Calendar" and "Initiatives" sections. Thus, the Project team has been able to share the highlights of the Project and has relayed the Initiatives of Partners and stakeholders on similar or related themes to the NFCL Project with about **200 articles and/or news items**. Moreover, a **new section "Communication and resources" has been created** in order to promote all the tools produced within the framework of the Project. The NFCL website has been publicized during the implementation of all the Project's Initiatives and events, and it is featured on all the documentary resources to invite the public to consult it.

In addition, the Region Sud website, in its section "News: La nature, une solution pour mieux vivre en ville"

(Nature, a Solution for Better City Living) promotes the NFCL Project by highlighting the system, its benefits, and useful links, in particular to Initiatives, documentary productions and the NFCL website: <https://www.maregionsud.fr/actualites/detail/la-nature-une-solution-pour-mieux-vivre-en-ville>

In addition, the Newsletter of the Representative Office of the South Provence-Alpes-Côte d'Azur Region in Brussels has repeatedly elicited the Project Initiatives. For example: [L'Europe s'engage dans le Sud -MOOC Nature for City LIFE \(maregionsud.fr\)](#). Finally, the NFCL team has relied on various sites such as the Region's Documentation Department, the Europe Department, ATRIUM for the Region's high schools and Partners (ARBE, Bureau des Guides or Metropolises etc.) to relay NFCL Project news and highlights.

## Results

The Project website has received **11,236 visits** with 28,122 page views and 20,423 unique page views; 2,454 downloads and 2,109 unique downloads. The most visited sections are “News”, “Calendar”, “Initiatives” and “Communication and resources”.

### **E1.3 Information Brochure**

#### **Implementation reminder of the sub-Initiative**

This booklet will present the Program objectives and the main Initiatives in a synthetic and educational way. It will be presented in the form of a leaflet of A4 double-sided format, folded in three (in accordion) in color (quadrichromy) and will uphold environmental standards (recycled paper, vegetable ink, etc.). This brochure will be produced at the beginning of the Program (2017) with technical assistance, contracted through a call for proposals. 10,000 copies will be produced.

#### **Target groups**

All Project Partners, stakeholders and target audiences. The Program's presentation brochure will be produced and widely distributed at meetings, forums, seminars and deliberative assemblies in the Partners' territories.

#### **Sub-Initiative progress**

The Region's communication and graphics department has produced a brochure presenting the Project. It is presented in the form of an A4 brochure with a large number of illustrations (E1. Deliv 03). This brochure, published in French and English, was promoted at the Nature in the City conference on February 1, 2018 and at subsequent events and meetings. A new information brochure with icons created for the Project was finalized in June 2020. A flyer was also produced and distributed from February 2020 onwards at all events and workshops.

## Results

Since February 2018, **over 500 copies of the first brochure have been distributed**. The new Project presentation brochure and flyer have been reproduced a few times in large numbers (**about 8,000 copies**) for distribution during the various Project activities.

In addition, to reduce the environmental impact of printing and to allow for increased dissemination of the tools produced, the new “NFCL Booklet”, the flyer, poster model, icons and computer graphics are also available and downloadable from the Project website in the “Communication and Resources” section.

#### **Changes to Sub-Initiatives E.1. to E1.3.**

None



#### **E1.4 Newsletter**

**Forecast start date:** 01/01/2018

**Forecast end date:** 31/03/2018

**GANNT**

**Actual start date:** 01/03/2020

**Actual end date:** 31/12/2022

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD																							
E1.4	Initial																						
	Current																						

#### **Implementation reminder of the sub-Initiative**

Publication of an annual “Nature for city LIFE Infos” newsletter to keep the target audience informed of the Initiatives’ progress. The annual newsletter will be produced and inserted in the beneficiary Partners' news magazines in order to reach a wide audience (no additional cost).

It will be a two-page color document, processed as an insert in the magazines. This newsletter will also be sent in electronic format. This publication will take place from 2018 to 2022 and will be carried out by the LIFE CDP, associated with the Region’s Communication Department, and in connection with all the beneficiary Partners.

#### **Target groups**

The general public, local stakeholders (elected officials, associations, socio-professionals, etc.) and the Project’s technical and financial Partners.

#### **Sub-Initiative progress**

For this Initiative, work began in February 2020.

#### **Implementation problems / sub-Initiative delays**

At the beginning, REGION SUD decided to hold a kick-off meeting to present the project to potential stakeholders in the Region. This event replaced the first newsletter, especially because the invitations to this opening forum were followed by the mailing of the Project's information leaflet. In 2019, the Project team ran out of time to update the website from which the newsletter was to be taken.

#### **Changes to the sub-Initiative.**

The first newsletter was published in June 2020. To make up for the delay on this Initiative, instead of an annual letter, two bi-annual letters were published each year until the end of the Project.

#### **Results**

As stipulated in the Grant Agreement, **six newsletters** were produced as part of the Project in July, October and December 2020, April and November 2021 and October 2022. They were sent out in large numbers via the Region's files and promoted on the NFCL website under the heading “Communication and Resources”.

**As an example, the last newsletter of October 2022 was sent by email to 1,225 residents, users and elected officials.**

## E1.6 “Nature in the City and Climate” Exhibition

**Forecast start date:** 01/09/2017

**Forecast end date:** 31/08/2022

**GANNT**

**Actual start date\*:** 01/01/2018-01/06/2020

**Actual end date:** 31/12/2022

		2017				2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T		
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report											
REGION SUD																									
E1.6	Initial																								
	Current*													*											

\*The contract for the Exhibition was first launched in connection with Initiative C2.2, but this contract was cancelled. A specific contract was launched in February 2021 (see below).

### Implementation reminder of the sub-Initiative

Four copies of this Exhibition will be published: one travelling (mobile reception point, C2.2) and one for each partner territory (displayed in a rotating manner in town halls, community centers, etc.).

The work that led to the development of the MOOCs (C3) will be leveraged to finalize the content.

The Technical Monitoring Committee will be in charge of approval of the final proposal of contents which will be presented for approval by the LIFE Steering Committee. The Exhibition will consist of eight panels, largely illustrated in color, based on eight themes (C3).

### Target groups

The general public and schoolchildren.

### Sub-Initiative progress

See C2.2.

### Results

See C2.2.

### Implementation problems / sub-Initiative delays

See above 6.2.2 (Sub-Initiative C2.2).

### Changes to the sub-Initiative.

The Grant Agreement provides for the design of a Nature in the City and Climate Exhibition, which supports Initiative C2.2. The submission suggested the production of four copies of a roll-up type Exhibition: one copy for the Region and three copies made available to the cities. A proposal was made to enhance this Exhibition with an educational events kit containing various event tools that can be used directly by the community technicians, i.e. without the need to resort to an external Service Provider (example of contents of the pedagogical kit: themed board games, posters, model modules, quizzes, online tools such as learning videos and interactive games). This Exhibition format should allow communities to promote it at the most possible number of events and to adapt it to their own needs: figurative roll-up Exhibition or accessorization. This enhancement of Initiative E1.6 would ensure part of the objectives of abandoned Initiative C2.2, namely the awareness of the general public to the issues of nature in the city, would be achieved.

Thus a specific contract was launched in February 2021 for the realization of the Exhibition, disconnected from the travelling events and the “Travelling Nature in the City House” (Initiative C2.2). This contract made it possible to acquire four copies of the “Nature in the City and Adaptation to Climate Change” Travelling Exhibition, to the value of 100,000 euros, excl. tax. This NFCL Exhibition is comprised of 14 roll-ups and several educational and interactive tools in an educational case and a digital tablet that adds to the content of the four educational booklets. A complete copy was delivered to each Metropolis and each partner received specific training provided in October 2021 by the Service Provider “Chercheurs en herbe” to optimize the use of the complete kit. See above 6.2.2 (Sub-Initiative C2.2).

Due to its success, Region Sud ordered six further copies of the Exhibition together with six cases, which were delivered in the third quarter of 2022. This has made it possible to grant an additional copy to each of the three Metropolises, to the Region and two copies to the City of Marseille, which did not have one.

### E1.5 and E1.7 Popularization report - Dissemination of LIFE results

**Forecast start date:** 01/01/2022

**Actual start date:** 01/01/2022

**Forecast end date:** 31/08/2022

**Actual end date:** 31/12/2022

#### GANNT

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD																							
E1.5 &	Initial																						

### E1.5 Extension report

#### Implementation reminder of the sub-Initiative

A popularization report, about ten pages long, presenting the objectives of LIFE, achievements and the contents of the Exhibition, will be designed, in French and in English.

It will be available for consultation and download on the LIFE website and 1,000 copies will be published in each language.

#### Target groups

The general public and elected officials.

#### Sub-Initiative progress

Two versions of this report were produced at the end of the Project as planned, in print and digital format (E.1 Deliv. 11).

### E1.7 Dissemination of LIFE results

#### Implementation reminder of the sub-Initiative and target groups concerned

Throughout the LIFE Program, the results obtained will be communicated and disseminated widely. The main action areas are:

- Publication of a technical booklet at the end of the Project in collaboration with the associated beneficiaries of the Program. This report will bring together the various methodologies implemented and knowledge obtained during the Program (target audience: technicians and elected officials).
- Compiling at the end of the Project of a guide on the role of nature in urban resilience to climate change and the implementation of integrated governance within the territories for new methods of urban planning. A technical summary will specify the feasibility and constraints of adapted governance, as well as the actions to be taken to implement it (Target audience: technicians and elected officials).
- Presentation of the results of the socio-economic studies (Target audience: general public, technicians and elected officials).

These three documents will be developed by the LIFE Project leader in the final year (2022). The Department in charge of communication for the Region will be called on, as will the communication departments and a technical officer of each beneficiary associated with LIFE.

#### Reminder of expected results

Production and publication of a popularization report at the end of the Program (5 to 10 pages, in French and English).

Compiling and publication of a technical notebook presenting the methodologies implemented in LIFE and the knowledge obtained.

Compiling at the end of the Project of a guide on the role of nature in urban resilience to climate change and the implementation of integrated governance within the territories for new methods of urban planning.

## Sub-Initiative progress

These documents were produced, published and distributed in the final year of the Project.

## Schedule compliance of the entire Initiative (deliverables and milestones)

No. E1.	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	Graphic charter and logo of the Nature For City LIFE Project	03/2018	01/2018	Completed
<b>Deliv. 02</b>	Website for the "Nature for City LIFE" Project	03/2018	01/2018	Completed
<b>Deliv. 03</b>	Nature For City LIFE Project presentation brochure	03/2018	01/2018	Completed
<b>Deliv. 04</b>	First annual newsletter	03/2018	07/2020	Completed
<b>Deliv. 05</b>	"Benefits provided by Nature in the City" Exhibition*	11/2018	11/2021	Completed
<b>Deliv. 06</b>	Second newsletter	03/2019	10/2020	Completed
<b>Deliv. 07</b>	Third newsletter	03/2020	12/2020	Completed
<b>Deliv. 08</b>	Fourth newsletter	03/2021	04/2021	Completed
<b>Deliv. 09</b>	Fifth newsletter	03/2022	11/2021	Completed
<b>Deliv. 10</b>	Sixth newsletter	06/2022	10/2022	Completed
<b>Deliv. 11</b>	Nature For City LIFE Project popularization report	06/2022	03/2023	Completed
<b>Mile. 01</b>	Launch of the contract for the Program's graphic charter and website	10/2017	10/2017	Completed
<b>Mile. 02</b>	Launch of the contract for the "Nature in the City and Climate" Exhibition**	11/2017	10/2019**	Completed** Canceled and Re-Engaged
<b>Mile. 03</b>	Development of the newsletter template	02/2018	05/2020	Completed
<b>Mile. 04</b>	Publication of the Project presentation brochure	03/2018	01/2018	Completed
<b>Mile. 05</b>	Publishing of the Project popularization report	07/2022	03/2023	Completed

\*This deliverable is included in Initiative C2.2 Deliv. 01 "Nature in the City and Climate Change" Travelling Exhibition

\*\*The contract for the Exhibition was first launched in connection with Initiative C2.2, but this contract was subsequently cancelled. A new contract for the NFCL Exhibition was issued in February 2021.

## Complementary productions

No. E1	Document name	Completion date	Status
<b>Doc. 01</b>	Flyer presentation of the Project	09/2021	Completed
<b>Doc. 02</b>	Project computer graphics	05/2020	Completed
<b>Doc. 03</b>	NFCL A4 brochure	09/2021	Completed

## 6.1.7. E2. Networking. REGION SUD

### Budget reminder of the Initiative

	Progress as at 31/12/2022	
	Revised budget	Expenditure
<b>REGION SUD</b>		
<b>E2</b>	<b>€8,880</b>	<b>€45,026.43 (507.05%)</b>

### Changes to the sub-Initiative.

In order to better account for all the networking work carried out, REGION SUD proposes to subdivide this Initiative into E2.1 European networking and E2.2. Regional networking

#### E2.1 European networking

**Forecast start date:** 01/09/2017

**Actual start date:** 01/10/2017

**Forecast end date:** 31/08/2019

**Actual end date:** 31/12/2022

#### GANNT

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD																							
E2.1	Initial																						
	Current																						

### Objectives reminder of the sub-Initiative

This Initiative has two objectives:

- exchange information and capitalize on the methodologies developed in terms of governance and content for training / awareness-raising activities and to identify the constraints related to the conduct of this type of project. At least one Interreg Project and several LIFE Projects will be linked.
- incorporate networks related to LIFE's theme to spark discussions, such as Mayor's adapt and AVITEM in order to discuss, leverage and upskill

### Implementation reminder of the sub-Initiative

First, contact with the managers of the targeted networks. In a second phase, participate in events in line with the themes related to the LIFE Project. The Nature For City LIFE Project will routinely be presented at these events. A one-day working seminar organized by Region Sud between the two networks and the associated beneficiaries on the specific issue of GBI in cities as a solution for urban resilience to climate change and finally on the creation of a partnership between the various LIFE partner structures and the networks.

### Reminder of expected results

- four meetings by videoconference with the LIFE and Interreg Projects identified as relevant;
- One working seminar: drafting/synthesis of the exchanges through a methodological notebook;
- Participation in events organized by AVITEM and Mayor's Adapt, in connection with the LIFE Project (between one and three events/year).
- One one-day working seminar with AVITEM and Mayor's Adapt;
- Support the creation of an AVITEM-Mayor's Adapt partnership with one or two shared actions, for example, aiming at the implementation of an inter-network forum on the specific theme of the LIFE Project.



## **Initiative progress**

### **September 2017 - August 2018**

#### **1. Activities for discussions around good practices and networking to capitalize on the methods deployed in other European Projects:**

Initially, contact was made by email with the Managers of the following European Projects: LIFE@URBAN ROOFS, LIFE URBAN ADAPT, LIFE GREEN4GREY, LIFE BLUE AP, Interreg GRABS.

Later on, Region Sud held bilateral video conference discussions with the LIFE URBAN ADAPT, GREEN4GREY, and @URBAN ROOFS Projects in July and August 2018. These meetings aimed to formalize collaboration through methodological discussions and participation in events.

#### **2. Participation in networks related to the theme of the Nature For City LIFE Project to discuss and build.**

The Region and Metropolises of Aix-Marseille-Provence and Nice Côte d'Azur and Region Sud have:

- Developed a shared strategy for the Project's inclusion in targeted European networks and the implementation of a monitoring dashboard for participation in European networks as a tracking document for events in the following networks: CRPM, ERRIN, Eurocities and Maroy's.
- Presented the Project at the CPMR Climate Task Force event on May 23, 2018 in Brussels.

#### **3. NATURE FOR CITY LIFE Project participation in EU GREEN WEEK 2018.**



EU GREEN WEEK 2018 was themed “Green cities for a greener future”. It was held from April 21 to June 10 with a focus period in Brussels the week of May 21-28, 2018. In this context, Region Sud submitted three LIFE Project Initiatives that have received EU GREEN WEEK labeling: Three “Nature in the City Climate” urban walks (one in Marseille and two in Toulon) related to the Project's C.2 Initiative.

*Photo 27: Presentation of the NFCL Project at the EU GREEN WEEK in May*

*2018 in Brussels.*

### **September - December 2018.**

November: Discussion meeting with LIFE Blue AP

November 29: participation of the AMP and NCA Metropolises in the Eurocities general assembly and in the Speednetworking organized during the event.

December: Working meetings with the Region's representative office in Brussels to participate in the EUREGIONS WEEK in 2019; Working meeting on the LIFE ARTISAN Project, an integrated LIFE Project led by the AFB on the development of nature-based solutions in France.

### **January - June 2019**

Discussions with the LIFE ARTISAN Project to finalize the application. Proposal to associate the two Projects on “networking” in the case of the French application's approval by the European Commission.

April 26, 2019: Participation in the AVITEM seminar on urban biodiversity in Marseille. 70 participants including 20 IUAR (AMU) students and 10 professionals and associations.

Participation in the seminar organized by the LIFE GOOD LOCAL ADAPT Project in Bilbao from May 8 - 11: 50 participants including 5 local professionals. Three other LIFE Projects encountered (Adapt, SHARA, Heatland).

### **July - December 2019**

September 24 and 25, 2019: participation in the opening seminar of the INTERREG Europe “Blue Green City” Project which aims to exchange good practices on the consideration of urban and peri-urban GBI for the adaptation of cities to climate change. The Region is part of the Stakeholder Group of the Project coordinator

(MNCA for the Euromed Cities Network). The Region has targeted its Regional ERDF as a Policy Instrument that can evolve through the Blue Green City Project (see E2.1. Doc. 01).

Participation in Inter LIFE France organized by the LIFE Habitats Calanques from September 30 to October 2, 2019. Presentation of the NFCLIFE Project in the plenary session

December 2019: participation in a working meeting for the compiling of the LIFE AIRFRESH Project.

### **January - December 2020**

Participation of the NFCL team in the LIFE Métro Adapt presentation during Eurogreen Week;

July 15, 2020: NFCL team participation in the TRIGeau cross-border seminar Maritimo INTERREG Project “Activating communities and working with nature for more resilient cities”;

Leveraging of the Networking Initiative within the framework of the preparation of the European NFCL Forum with request for written contributions to European Partners on the topic of the Nature in the City and Adaptation to Climate Change: resident involvement / Residents, the new city players?; health and the environment; for a city receptive to biodiversity and water;

It also provided feedback on the NFCL MOOC to LIFE Natur Adapt as part of the development of their own MOOC.

### **September - November 2021**

September 22, 2021: presentation to the Region of the NFCL Project to the Cyprus LIFE NCP team;

October 8, 2021: implementation of a specific round table dedicated to “European Projects / European networks: feedback and good practices: transferability” as part of Proceedings 2 of the European NFCL Forum “Re-wrap Cities, Think Nature” with the participation of LIFE ARTISAN, the Network of EUROMED cities, in partnership with an Italian local authority of the Blue Green City Project.

October 28, 2021: presentation of the NFCL Project at the LIFE European Climate Pact Event

November 3, 2021: presentation of the NFCL Project at the LIFE Networking Event in Cyprus

December 14, 2021: participation of the NFCL team in an INTERLIFE Regional meeting to present the projects supported by the Region, including the NFCL Project, under the auspices of the ARBE

### **January - October 2022**

May 10, 2022: presentation of the NFCL Project, and in particular of the NFCL Exhibition at the seminar organized by the RECETAS Project entitled “Nature in the City; a Health Asset for All?” organized by AVITEM.

June 22, 2022: presentation of the NFCL Project and feedback on the workshops and tools as part of INTERLIFE in Toulouse;

October 11 and 12, 2022: presentation of the NFCL Project at the Final Conference organized by Blue Green City.

## **Results**

- Developed a shared strategy for the Project’s inclusion in targeted European networks and the implementation of a monitoring dashboard for participation in European networks as a basis for tracking events in the following networks: CRPM, ERRIN, Eurocities and Maroy’s Adapt.
- Three videoconferences were held with the LIFE@URBAN ROOFS, URBAN ADAPT and GREEN4GREY Projects.
- Two presentations of the Project in European networks: including a presentation at CPMR and an “on the floor” presentation during the EU GREEN WEEK on May 23, 2018 (session 3.1 “Nature in Cities”);
- Presentation of the Project and establishment of a partnership with LIFE Good Local Adapt;
- Presentation of the Project at various seminars with sharing of Initiatives and tools;
- Compilation of contributions from European Partners prior to the European forum on their Initiatives relating to resident involvement / Residents, the new city players?; health and the environment; for a city receptive to biodiversity and water;
- Setting up of a round table dedicated to European Projects: feedback and transferability within the framework of Proceedings 2 of the European NFCL Forum.

Some deliverables foreseen in the Grant Agreement could not be achieved. In fact, during the health crisis, interactions with European Partners was greatly reduced. Subsequently, the priority given to catching up on

the backlog of other Initiatives and the organization of the various national elections did not allow for the finalization of the outputs envisaged as part of Initiative E2.

### Schedule compliance (deliverable and milestone)

No. E2	Deliverable / Milestone name	Initial deadline	Completion date	Status
Deliv. 01	"European white paper" "Nature in the City"	07/2022	07/2022	Not completed
Deliv. 02	Needs assessment report on a Eurocities Pilot City	06/2021	06/2021	Not completed
Deliv. 03	Presentation of the Project on the Eurocities website	03/2020	09/2020	Not completed
Deliv. 04	Needs assessment report on a CPMR Pilot Region	12/2021	12/2021	Not completed
Deliv. 05	Article presenting the Project on the CPMR website	12/2020	12/2020	Not completed
Deliv. 06	Presentation article on the Project on the ERRIN website	09/2021	09/2021	Not completed
Deliv. 07	New "Nature in the City" Action Plan for Region Sud Intervention framework deliberation 22-289 of 29/04/22	12/2021	04/2022	Completed
Deliv. 08	Technical notebook "Nature in the City and Climate Change" Sustainable development guidelines for Project Managers	06/2022	06/2022	Completed
Deliv. 09	"Nature in the City and Climate Change" Guide	06/2022	06/2022	Not completed
Deliv. 10	Report on the Project's socio-economic surveys*	07/2022	12/2022	Completed
Mile. 01	Technical notebook "Nature in the City and Climate Change"	07/2022	06/2022	Completed
Mile. 02	Publishing of the report on socio-economic surveys	08/2022	12/2022	Completed
Mile. 03	Launch of the contract for facilitation of the consultation of Region Sud's "Nature in the City" Action Plan	01/2020	None	Not Relevant
Mile. 04	Adoption by the plenary assembly of the Regional Council of the new "Nature in the City" Action Plan	06/2021	04/2022	Completed
Mile. 05	Publication of the "Nature in the City and Climate Change" Guide	06/2022	06/2022	Not completed
Mile. 06	Participation in a Eurocities working group Year 1	12/2018	11/2018	Completed
Mile. 07	Participation in a Eurocities working group Year 2	12/2019		Not completed
Mile. 08	Participation in a Eurocities working group Year 3	12/2020	12/2020	Not completed
Mile. 09	Participation in a Eurocities working group Year 4	12/2021	12/2021	Not completed
Mile. 10	Participation in CPMR meeting and ERRIN contribution Year 1	12/2018	05/2018	Completed
Mile. 11	Participation in CPMR meeting and ERRIN contribution Year 2	12/2019		Not completed
Mile. 12	Participation in CPMR meeting and ERRIN contribution Year 3	12/2020	12/2020	Not completed
Mile. 13	Participation in CPMR meeting and ERRIN contribution Year 4	12/2021	12/2021	Not completed
Mile. 14	Participation in CPMR meeting and ERRIN contribution Year 5	04/2022	04/2022	Not completed

\*This deliverable is included in Initiative C1.2 Deliv. 03

### Complementary productions

No. E2.1	Document name	Completion date	Status
Doc. 01	Good Local Adapt Bilbao Seminar Program (May 8-11, 2019)	04/2019	Completed
Doc. 02	Letter of support for the Good Local Adapt Project	04/2019	Completed
Doc. 03	Presentation of the Blue Green City Project (PowerPoint)	10/2019	Completed
Doc. 04	Blue Green City Newsletter European NFCL Forum	11/2021	Completed
Doc. 05	Written contributions from European Partners for the European Forum	10/2020	Completed
Doc. 06	PPT InterLIFE Regional	12/2021	Completed
Doc. 07	PPT InterLIFE Toulouse	06/2022	Completed

## E2.2 Regional networking

**Foreseen start date:** new sub-Initiative, not in the proposal **Actual start date:** 01/10/2017

**Foreseen end date:** new sub-Initiative, not in the proposal **Actual end date:** 31/12/2022

### GANNT

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
REGION SUD																							
E2.2	Initial	new sub-Initiative, not in the proposal																					
	Current																						

### Objectives of the sub-Initiative

The objective is to create a network of stakeholders in the Provence-Alpes-Côte d'Azur Region concerned with the theme of Nature in the City for the Adaptation of Cities to Climate Change, with the following objectives:

- Dissemination of results and methodologies developed within the framework of LIFE;
- The sharing of experiences between its members;
- The constitution of themed think tanks on urban planning, awareness and involvement of various audiences, initial and continuous training, tourist appeal, etc.

### Implementation of the sub-Initiative

The first step is to organize bilateral meetings between the Region and the stakeholder to present the Project and to consider collaboration on the issues of Nature in the City and Adaptation to Climate Change.

In a second phase, the network of actors will be structured (or an existing network will be strengthened) in order to furnish it with experience sharing and reflection on regional policies.

### Expected results

Setting up and running of a regional network on the theme of adapting cities to climate change (or a themed group within an existing network).

Production by this network of recommendations for the public decision-makers concerned (Region, EPCI, Municipalities, etc.).

### Initiative progress

#### September 2017 - February 2018

The following regional stakeholders were met with: the National School of Architecture of Marseille (16/10/2017); the National School of Landscape Versailles Marseille (05/10/2017); the EnvirobatBDM Association (8/11/2017); the Regional Agency for the Environment - Provence-Alpes-Côte d'Azur (7/12/2017); Participation in the plenary meeting of the Inter-municipal Technical Conference on Transport and Mediterranean Planning (COTITA) (5/12/2017); Region Sud Regional Tourism Committee (12/12/2017); Urban planning agency for the Marseille area (17/1/2017); Biodiversity Deposits and Consignments Fund (18/01/2018); Regional Public Land Establishment (19/01/2018); CEREMA (19/01/2018).

#### March - August 2018

The following stakeholders were met with: ADEME (06/03/2018); AUDAT (12/03/2018); IFORE (16/03/2018); EUROMED Public Establishment (18/03/2018); the Water Agency (07/06/2018); the Regional Youth Agenda - Region Sud (14/06/2018).

#### September - December 2018

Meeting with the Regional Federation for the Defense against Harmful Organisms of Provence-Alpes-Côte d'Azur (FREDON PACA - 05/10/2018); Participation in the GREC SUD symposium and presentation of the Project (18/12/2018) (see Additional productions: E2.2. Doc. 01)

### **January - June 2019**

Presentation of the Project at the Regional Convention of Mayors of Provence-Alpes-Côte d'Azur (28/02/2019); Graphite Walk May 7 and 13, 2019; CVRH Training May 21, 2019; PLUi and Biodiversity Day organized by ARPE-ARB on June 11 (see Complementary productions: E2.2. Doc. 02)



*Photo 28: NFCL stand at the "Bâtifrais" Symposium Marseille, July 2019*

### **July – December 2019**

"Bâtifrais" Symposium July 4 (see Additional Productions: E2.2. Doc. 03)

Participation in the "Biodiversity" working group organized by the "EA Ecoentreprises" Cluster (11/09 and 30/10/2019).

Working meeting with ENSAM (18/10/2019) for the construction of an ENSAM-Region partnership. Participation in the day organized by the CEREMA, "Coastal Territories in Transition", with presentation of the Project (17/10/2019).

Participation in the CPIE Côte Provençale Forum "Abandoned spaces", with presentation of the Project (29/11/2019)

Participation in the seminar "Nature in the City" AUDAT.Var (03/12/2019).

### **January - December 2020**

March 8, 2020: organization of a digital seminar with CEREMA and ADEME on Adaptation to Climate Change and Land Planning: what Strategies and Means of Action?

### **January - December 2021**

January 28 and 29, 2021, participation of the NFCL team in the seminar "To act with the landscapes - resources of the Etang de Berre" organized by the researchers of POPSU AMP, (Observation Platform for Urban Projects and Strategies of the Aix-Marseille-Provence Metropolis) and of the National School of Landscape Versailles Marseille; 15/03/2021: presentation of the NFCL Project in the working group "Ecological engineering - Nature-based Solutions" (see Complementary productions: E2.2. Doc. 04); 14/09/2021: presentation of the NFCL Project at the ENSAM BDM Envirobat BDM Workshop; 15/10/2021: presentation of the NFCL Project as part of the PAEDD state agents training at the CRVH.

### **January - December 2022**

March 2022: meeting to present the respective projects with the Provence-Alpes-Côte d'Azur Regional Health Education Committee (CRES PACA) and the Information Center for the Prevention of Major Risks (Cyprès), and in particular the "Le Filin" tool, a regional information tool in environmental health.

## **Complementary productions**

No. E2.2.	Document name	Completion date	Status
<b>Doc. 01</b>	Proceedings of the Second National Science and Society Conference - December 2018	<b>12/2018</b>	<b>Completed</b>
<b>Doc. 02</b>	Program of the PLUi and Biodiversity Day (ARPE-ARB June 2019)	<b>06/2019</b>	<b>Completed</b>
<b>Doc. 03</b>	Program for the "Bâtifrais" Symposium on July 4, 2019	<b>07/2019</b>	<b>Completed</b>
<b>Doc. 04</b>	PPT Working Group on Nature-based solution Ecological Engineering and Zero Net Artificialization of March 15, 2021	<b>03/2021</b>	<b>Completed</b>



### 6.1.8. F1. Management and technical, administrative and financial coordination of the Project

#### REGION SUD

#### Budget reminder of the Initiative

Progress as at 31/12/2022		
Revised budget		Expenditure
<b>REGION SUD</b>		
<b>F1</b>	<b>€674,996.00</b>	<b>€585,516.31 (86.74%)</b>

Forecast start date: 01/09/2017

Actual start date: 01/09/2017

Forecast end date: 31/08/2022

Actual end date: 31/12/2022

#### GANTT AND Budget reminder of the Initiative

		2017		2018				2019				2020				2021				2022			
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report									
		REGION SUD																					
F1	Initial																						
	Current																						

#### Objectives reminder of the Initiative

The objective of this Initiative is the main beneficiary's implementation of effective technical, administrative and financial coordination of the Project to ensure the Project's successful management and the achievement of set goals.

#### F1.1 Project Coordination Staff

##### Implementation reminder of the sub-Initiative

External recruitment of an Administrative and Financial Officer for the Project's administrative and financial management and task entrusted to two Regional Representatives for its technical management and governance.

#### Reminder of expected results

Project management on a technical, governance, administrative and financial level.

#### Initiative progress

##### LIFE Project Manager Position:

- September 1, 2017 to March 31, 2019: two part-time staff members;
- April 1, 2019 to December 31, 2019, a part-time Regional Project Technical Officer.
- From April 15, 2020, a full-time Regional Civil Servant has been recruited for the LIFE Project.

Technical coordination has also been strengthened with the active participation of a DTET Agent, with an allocation of 50% FTE to the Project's implementation,

##### Administrative and Financial Officer (AFO) Position:

- September 1, 2017 to January 31, 2018: administrative and financial monitoring done by the two Project Managers, supported by the Directorate's administrative and financial department;
- From February 1, 2018 to July 31, 2020: external recruitment under a fixed-term contract for a renewable period of three years;
- from August 1, 2020 to May 16, 2021: monitoring by the Project Manager supported by the Directorate's administrative and financial department;

- May 17, 2021 to December 31, 2022: a local Civil Servant. The Project assignment is 75% FTE.

## Results

The Project was managed well and met almost all its technical and administrative objectives (see details of Initiatives).

The Project's financial management has allowed for the correct processing of all expenditure reports and LIFE grant repayments.

## F1.2 Organization of Project coordination

### Implementation reminder of the sub-Initiative

A Steering Committee and a Technical Monitoring Committee will be set up to monitor the program.

The Steering Committee, chaired by the Region Representative, will be the body for regulation and decision-making shared by all these Partners. It will meet at least twice a year.

The Technical Monitoring Committee will be responsible for the technical, administrative and financial monitoring of the program. It will meet quarterly and whenever the situation requires it.

### Reminder of expected results

Implementation and monitoring of Initiatives (administrative and financial monitoring, technical and field monitoring)

Approval of Initiatives and documents produced by the Partners

Sending of technical and financial reports

### Initiative progress

#### The Project Steering Committee (SC)

All of the Project Partners have appointed their representatives to the Project SC.

The Project had been presented to the elected officials and representatives of the partner structures present at the Regional Nature in the City Conference to launch the Project on February 1, 2018.

The SC met in December 2018 to report on the first year of the Project that has passed and the progress report that was sent to EASME on November 30.

It met again in December 2019 to review Project progress.

Two Steering Committees were held on 16/12/2020 and 10/12/2021.

In 2022, a Steering Committee dedicated to the adoption of the After-LIFE Plan was held on 03/10.

#### The Project Technical Monitoring Committee (TMC)

The technical referents of the TMC have been designated by all the partner structures.



*Photo 29: Technical Committee of July 3, 2017 in Toulon*

#### **Year 2017**

A TMC meeting was held before the launch of the Project on September 01, 2017 to prepare for the Project's implementation, including one after the signing of the Grant Agreement (July 3, 2017). Two additional TMC meetings were held in 2017 (09/10 and 28/11/2017).

#### **Year 2018**

Two TMC meetings were held on 01/02 and 25/10/2018 instead of the four provided for in the application.

#### **Year 2019**

Two TMC meetings were held on 12/07 and 12/11/2019 instead of the four provided for in the application.

To these were added themed Technical Monitoring Committee meetings held for the specific

implementation of certain Initiatives. This structure makes it possible to mobilize all the Partners only twice a year, and only those concerned by the Initiatives they implement or in which they participate the rest of the time (see below).

#### **Year 2020 and 2021**

A Technical Monitoring Committee meeting has been held each year: on 12/11/2020 and on 26/11/2021.

#### **A new Technical Steering Framework: the Themed Technical Committees (TTC)**

The role of these Committees is to ensure the implementation of certain Initiatives or sub-Initiatives requiring a partnership approach. They can be held in several ways: conference calls, video conferences or face-to-face meetings.

Each beneficiary participating in the Initiative or sub-Initiative designates a Representative responsible for the technical monitoring who can be the same as for the Technical Committee. Any other non-partnership Representative considered relevant to the agenda may also be invited.

The TTC meetings are chaired by the Initiative or sub-Initiative Managers. They meet as often as necessary and are not intended to last throughout the implementation of the LIFE Project, but only for the period considered by the participating Partners as relevant for the proper implementation of the Initiative or sub-Initiative.

Three TTC meetings were held in 2018 (C1.1, C1.2, and C2.1) and three in 2019 (C1.1, C2.1, and C5).

In 2021, a TTC meeting was held on 26/03 on the workshops for elected officials / technicians and residents. Between late 2021 and 2022, nine TTC meetings were held between November 2021 and May 2022 for the implementation of the June Closing Forum.

Four TTC meetings dedicated to the After-LIFE Plan were held between January and May 2022.

#### **Regional team meetings**

They bring together the regional staff in charge of monitoring the Project. These meetings allow for the sharing of information, strategic reflection on the progress of the Project, and consultation among coordinators on deadlines and progress reports.

Two team meetings were held in 2017, 18 in 2018 and 18 in 2019.

In 2020, 31 team meetings were held, 34 in 2021 and 14 in 2022 where the choice of a monthly meeting was adopted for organizational reasons.

### **F1.3 Final Audit**

#### **Objectives reminder of the sub-Initiative**

The objective is to have an audit carried out by an independent Service Provider, who will validate the final statement of expenditure and revenue to be transmitted to the European Commission. This audit will certify compliance with French national legislation and accounting rules, as well as the compliance of all costs with the "General Conditions" established by the European Commission.

#### **Implementation reminder of the sub-Initiative**

This audit was carried out in 2023 by a Technical Assistance entity contracted following a call for tenders: "Contract No. 2022220593: Certification of expenses for European cooperation projects carried out by Region Sud". This made it possible to independently assess the quality of the management carried out during the Project term, and to secure the expenses of the Nature For City Life Project.

#### **Reminder of expected results**

Technical, administrative and financial evaluation of the entire Project, and Initiative by Initiative.

Definition of the advancement of the LIFE Initiatives in order to adapt the After-LIFE Plan (F2).

This control allowed the validation of the full Project (Final Report)

#### **Implementation problems / delays of the F1 Initiative.**

The periods when the AFO position was not filled (see F1.1 above) entailed the following structure:

- Administrative and financial monitoring of the Project by the Project Managers with the support of the Directorate's administrative services;

- position filled at 75% FTE instead of 50% starting in May 2021 until the end of the Project to make up for periods without allocations.

### Changes to the F1 Initiative.

Adjustments to the F1.2 part have been made. It was thus decided to hold fewer general technical monitoring committees (two per year) and to set up additional Themed Technical Committees specific to certain Initiatives.

### Schedule compliance (deliverable and milestone)

No. F1	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	LIFE Project Manager Position File (five documents)	09/2017	09/2017	Completed
<b>Deliv. 02</b>	Project AFO Position File (three documents)	09/2017	03/2018	Completed
<b>Mile. 01</b>	Recruitment of the LIFE Project Manager	09/2017	09/2017	Completed
<b>Mile. 02</b>	Recruitment of the Administrative and Financial Officer	09/2017	03/2018	Completed

### 6.1.9. F2. After-LIFE - REGION SUD

#### Budget reminder of the Initiative

Progress as at 31/12/2022		
	Revised budget	Expenditure
<b>REGION SUD</b>		
<b>F2</b>	€10,000.00	€7,346.70 (73.47%)

Forecast start date: 0/0/20

Actual start date: 0/0/20

Forecast end date:

Actual end date:

GANNT

		2017		2018		2019		2020		2021		2022		Progress as at 31/12/2022					
		3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	1 T	2 T	3 T	4 T	Revised budget	Expenditure		
		Progress Report 1				Mid-Term Report				Progress Report 2				Final Report					
		REGION SUD																	
F2	Initial															€10,146	€5,842.50		
	Current																(57.58%)		

#### Objectives reminder of the Initiative

Partnered development and adoption of an After-LIFE Plan that will maintain some of LIFE's Initiatives and implement new Initiatives over at least five years, in order to reinforce the Project's objectives over time.

#### Implementation reminder of the Initiative

The "After-LIFE Plan" will be finalized by the Technical Monitoring Committee and approved by the LIFE Steering Committee (F1.2) in early 2022. The deliberative assemblies or decision-making bodies of each Partner must have adopted this Plan before August 31, 2022.

It is specified in the application that the After-LIFE Plan will provide at least for the continuation of the following Initiatives:

urban monitoring (C1.1), socio-economic monitoring (C1.2), itinerancy (C2) and training for elected officials and technicians (C3.1 and C3.2). See Section 6.2 of this report for changes.

## Reminder of expected results

An After-LIFE Plan approved before the end of the Project.

## Initiative progress

The Grant Agreement provides for the realization of an After-LIFE Plan in 2022: development of a partnership and adoption of an After-LIFE Plan providing for the furthering of some of LIFE's Initiatives as well as the implementation of new Initiatives for at least five years (2023/2027) in order to strengthen the Project objectives.

## Implementation problems / sub-Initiative delays

Reminder of the retroplanning foreseen by the application:

- Plan to be finalized in the first quarter of 2022 by the Themed Technical Committee
- Adoption by the deliberative assemblies or decision-making bodies of the Partners before August 31, 2022

Given the extension of the Project to December 31, 2022, a Committee meeting to validate the collective roadmap was held last quarter to provide for the communities' vote on deliberations.

Then the Region proposed, for an elected officials' vote, a deliberation meeting presenting this Plan at the session of December 16, 2022.

## Changes to the sub-Initiative.

The sub-Initiative as described in the Grant Agreement has been modified. In fact, the various Initiatives that could be furthered after the Project's end were described, with an evaluation of the related expenses. These were only proposals to be reconsidered at the end of the Project.

An error in the instruction of the application introduced these expenses in the eligible expenses, equating to a total amount of €352,400. However, Initiative F2 should only entail the organization of working meetings at the end of the Project, between the Partners, to finalize the After-LIFE Plan. Thus the related expenses will be reduced to €10,000 to take into account only the personnel costs of the various Partners occasioned by these working meetings. In accordance with EASME's letter (point 12 of the Appendix to letter Ref. Ares (2019)2425456 of April 5, 2019), this modification entails a decrease in the total amount of the Project by €565,255 and in parallel a decrease in the total maximum amount of the LIFE Grant, bringing this maximum to €1,786,786). This change was ratified by amendment in October 2022.

In addition, the Initiative relating to the continuation of the MOOC has been integrated into the After-LIFE Plan and is therefore not the subject of a specific deliberation. Thus, for the period 2022/2027, the MOOC is now freely and continuously accessible. In order not to disrupt the service, before the end of the Project, the Region was able to consider continuing the management of this platform with The MOOC Agency, which has since become We up Learning, by signing a new contract to maintain the hosting and proper functioning of the MOOC for the duration of the After-LIFE Project which is July 2022 to December 2027.

## Results

Four working meetings were held from January to May 2022 to collectively define the Initiatives of the After-LIFE Plan. A Steering Committee meeting was held on October 3, 2022 to collectively approve this roadmap. The Local Authorities and Partners have committed themselves by having this Plan adopted by deliberation, such as the TPM and NCA Metropolises and the City of Marseille. The LPED, the Bureau des Guides and AtmoSud have produced their respective letters of commitment. Only the AMP Metropolis should deliberate in 2023. Region Sud voted at the session of December 16, 2022 on a deliberation presenting the After-LIFE Plan including the decisions of other Partners.

The After-LIFE Plan is more ambitious in terms of Initiatives than originally planned. In addition to the continuation of urban monitoring (C1.1), socio-economic monitoring (C1.2), itinerancy (C2) and training for elected officials and technicians (C3.1 and C3.2), it reinforces existing Initiatives or enhances new ones.



**Initiative C2.2 Facilitation of the Nature in the City Exhibition** (see details of the Initiative in Sections 6.1.2 and 6.1.6). The Partners will continue to make the Exhibition and its educational kit available to various audiences (high schools, associations, municipalities, etc.) and at events over the five years following the end of NFCLIFE. Indeed, the objective is to disseminate these tools in a sustainable way across the three Metropolises, and more widely in the Region, so as to spread the message of biodiversity and nature in the city.

**Initiative C2.1 Enhancement of art investments** (see details of the Initiative in section 6.1.2) The Port-de-Bouc work will be installed in the first half of 2023 due to delays inherent to public procurement procedures. As far as the City of Marseille is concerned, the planned art investment cannot be realized. In fact, the City of Marseille informed the Region of its inability to host the work in the location it had initially approved. Given the lack of another proposal for a host site by the City of Marseille, it was agreed to terminate the public contract and possibly consider a new consultation within the framework of the After-PIFE Plan after the identification of a site by the municipality of Marseille approved by the Region. The Region will therefore continue this Initiative for the art investment in Port-de-Bouc, and possibly for that in Marseille, using its own funds within the framework of the After-LIFE Plan.

**Initiative C3. 1 MOOC.** Given the success of this training, the Region wished to make this training offer last by opening all the videos 365 days a year for a period of five years. To do this, the community has signed a contract with the Service Provider who designed the platform and who will manage it for four years. This service, costing €13,550 excluding tax, was financed by the Region from its own funds. The initial session MOOC was reopened on November 3, 2022, and the advanced session MOOC on December 1, 2022. A widespread information campaign on the NFCL website, with Partners and networks, and by email via the Regional files, has made it possible to inform as many people as possible about this reopening of the freely and continuously accessible MOOCs.

**Initiative C3.2: Training for elected officials** The Region has implemented an awareness and training strategy for local elected officials on the challenges of nature in the city in the face of climate change in conjunction with the Regional Agency for Biodiversity and the Environment - ARBE - in view of its status and competencies. As part of the After-LIFE Plan, the Region aimed to continue this training offer for elected officials, often accompanied by their technicians, in order to raise their awareness of the challenges posed by nature in the city. Thus, it is foreseen that the ARBE will continue to manage the training courses included in its future Action Plan..

**Initiatives C3.3/C4 Workshops for Elected Officials - Technicians.** The Region wishes to continue to support metropolises in the drafting of their urban planning documents and the development of their development projects. Thus, because of its skills acquired in terms of methodology within the context of training for elected officials, it wishes to entrust ARBE with the organization of practical "Nature in the City" workshops for these audiences. For its part, the Nice-Côte d'Azur Metropolis wishes to conduct exchange workshops in order to promote ecological transition projects, implemented through an external Service Provider and financed by the community's own funds.

**Initiative E.1: The NFCL website.** The continuation of the website is part of a desire to relay concrete achievements related to new and existing Initiatives over the next five years. It will also communicate about existing and future tools created in this process. This one produced by the Region's teams will represent a cost incurred by the agent's working time to update and feed the site as well as the amount relating to the Typo 3 software version upgrade making it possible to maintain the site's guarantee for the next five years in the amount of €15,540 including all taxes on the own funds of the community.

Finally, **complementary Initiatives to the target Initiatives will be implemented by the City of Marseille** and the NCA Metropolis, particularly with regard to the depaving or greening of schoolyards and the greening and densification of green spaces in the city center.

## Schedule compliance (deliverables and milestones)

No. F2	Deliverable / Milestone name	Initial deadline	Completion date	Status
<b>Deliv. 01</b>	After-LIFE Plan finalized and adopted by all Partners <i>Deliberation 22-0902 of December 16, 2022</i>	06/2022	12/2022	Completed
<b>Deliv. 02</b>	Deliberation of the Regional Council for a new Action Plan for Nature in the City ( <i>Deliberation no. 22-289 of 29/04/22</i> )	06/2022	04/2022	Completed
<b>Deliv. 03</b>	Deliberation of the Regional Council to support a new MOOC on Nature in the City and Climate for the period 2022-2027 <i>Included in deliberation 22-0902 After-LIFE Plan December 16, 2022: Deliv. 01.</i>	06/2022	12/2022	Completed
<b>Mile. 01</b>	Adoption by the plenary assembly of the Regional Council of the new 2022-2027 “Nature in the City” Action Plan	06/2022	04/2022	Completed
<b>Mile. 02</b>	Adoption by the Permanent Commission of the Regional Council of support for the new Nature in the City and Climate MOOC for the period 2022-2027	06/2022	12/2022	Completed
<b>Mile. 03</b>	Adoption of the After-LIFE Plan 07/2022 by the LIFE Steering Committee	07/2022	10/2022	Completed

## 6.2. Evaluation of Project Implementation

This section presents an evaluation of the implementation of the Nature For City LIFE Project.

Overall, all actions have been completed. However, the implementation of some sub-Initiatives has been delayed due to the COVID health crisis. The Project was designed so that all Initiatives could be mutually enriching. However, they are not dependent on each other, which has allowed the Initiatives and sub-Initiatives that were initiated and implemented as planned to progress without being delayed or hindered by the sub-Initiatives that were delayed.

The following table compares the results achieved by the Nature For City LIFE Project with the objectives and expected results of the original proposal through quantitative and qualitative information:

Initiatives	Foreseen in the revised proposal	Final status	Evaluation
<b>C1.1 Urban monitoring</b>	<p><b>Objectives:</b> &gt; <i>18 demonstration sites equipped</i> to measure air quality and climatology.</p> <p><b>Expected results:</b> &gt; Comparisons of measurements between vegetated and “grey” areas.</p>	> Achieved	<p><b>18 sites equipped with 18 information panels</b> This Initiative has been significantly delayed in its implementation. It is linked to the other Initiatives, but except for the link with the two planned MOOCs, finalized before the implementation of the micro-sensors, all the other links have been made and become sufficiently useful to make up, at least in part, for the delay in the implementation of this sub-Initiative.</p> <p><b>An AtmoSud Final Report, December 2022 (see Complementary productions C1.1. Doc 05)</b></p>

<b>C1.2</b> <b>Socio-ecological surveys.</b>	<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>&gt; Collection of sociological data on the perceptions of the role of nature in the city in the face of climate change  <b>Completion of 300 surveys</b></li> </ul> <p>&gt; Compiling of real estate data (prices, taxes collected, etc.), definition and compiling of data on appeal (number of new companies, criteria for deciding to set up, etc.)</p> <p><b>Expected results:</b></p> <ul style="list-style-type: none"> <li>&gt; Monitoring the advancement of representations on the role of nature in the city.</li> <li>&gt; Identify and measure the effects of the presence of nature on the appeal of a neighborhood or town.</li> </ul>	<p>Achieved</p>	<p><b>582 people surveyed</b></p> <p>The application included 1,800 surveys. This figure was re-evaluated at 300 (see 6.2.2 above) to better correspond to what is usually done for this type of survey, especially from a statistical point of view.</p> <p><b>8 LPED benefits including five surveys between 2018 and 2022.</b></p> <p><b>3 webinars</b> organized to share the results of the surveys with <b>250 participants</b>.</p> <p>Intervention within the framework of the <b>training of the elected officials with 30 participants</b></p> <p><b>1 quantified report on sociological surveys 2018/2022</b></p> <p><b>1 economic survey</b>, the contents of which was adapted into a Report entitled "Economic Analysis: Nature in the City and Climate Change".</p> <p><b>"Economic Analysis Report: Nature in the City and Climate Change"</b> conducted a study on the following points:</p> <ul style="list-style-type: none"> <li>➤ Land issues</li> <li>➤ Economic evaluation of the impact of a greening project on residential property values</li> <li>➤ - Property value study: an example of an applied case study in the Provence-Alpes-Côte d'Azur Region</li> </ul>
<b>C2.1</b> <b>Roaming Walks</b>	<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>&gt; Create urban walking routes and "Nature in the City and Climate" events to communicate, inform and raise awareness about the role of urban GBI in the face of climate change.</li> </ul> <p><b>Expected results:</b></p> <ul style="list-style-type: none"> <li>&gt; Raising public awareness of the role of Nature in the City on Climate Change, modification of the representations of stakeholders.</li> </ul> <p><b>1,500 people participating in the walks</b></p>	<p>Achieved</p>	<p>This Initiative has made it possible to raise awareness among all the planned target audiences. This Initiative was reinforced by events held in MNCA. Specific surveys (C1.2) carried out in 2020 made it possible to estimate the impact of the walks on participants' representations of the role of nature in the city in adapting to climate change. In addition, editorial tools to accompany the walks (booklets, maps, etc.) were developed from the second year, as well as reproductions in the form of narratives, initially intended for the web and then reworked in published form (six Dehors Notebooks).</p> <p><b>Number of events performed by BGR2013: 117</b></p> <ul style="list-style-type: none"> <li>➤ In MAMP: 85</li> <li>➤ In MTPM: 32</li> </ul> <p><b>Number of people who participated in BGR2013 organized walks: 2,815</b></p> <ul style="list-style-type: none"> <li>➤ In MAMP: 2,354</li> <li>➤ In MTPM: 461</li> </ul> <p><b>Number of people who participated in events in MNCA: 10 events with 290 participants</b></p>
<b>C2.1</b> <b>Roaming Invest.</b>	<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>&gt; Create "art" investments as supports for "Nature in the City and Climate" activities.</li> </ul> <p><b>10 works created.</b></p>	<p>Achieved and Ongoing</p>	<p><b>In MAMP:</b></p> <p><b>2 art investments installed</b> in Miramas and AMP / Arbois Technology Park.</p> <p><b>1 art investment in the process of being created</b> in Port-de-Bouc</p> <p><b>1 art investment in Marseille cancelled and possibly postponed to 2023</b></p> <p><b>In MTPM:</b></p> <p><b>4 art investments installed</b></p>

	<p><u>Expected results:</u></p> <p>&gt; Raising public awareness of the role of Nature in the City on Climate Change, modification of the representations of stakeholders.</p>		<p>The realization of the two works in MAMP (Port-de- Bouc and Marseille) will take place as part of After-LIFE on the Region Sud's own funds.</p> <p>These works are promoted through all the communication tools and all the other project Initiatives. As they are intended to be permanent, they will be developed as part of the After-LIFE Plan, especially as a support for Initiatives, which will make it possible to make up for the backlog accumulated during the Project.</p>
<p><b>C2.2</b></p> <p><b>Mobile drop-in center</b></p>	<p><u>Objectives:</u></p> <p>&gt; Create a drop-in "Nature in the City and Climate" center to inform and raise awareness about the role of urban GBI in the face of climate change.</p> <p><u>Expected results:</u></p> <p>&gt; Raising public awareness of the role of Nature in the City on Climate Change, changes to stakeholder representations.</p>	Achieved	<p>For explanations of the changes, see sections 6.1.2 and 6.2.2.</p> <p>This Initiative, which was poorly conceived at the outset, was reconsidered in 2021 to propose a new means of implementation that would meet the same initial objectives, reach the same target audience, and have comparable results. A travelling exhibition and its communication kit have been set up across the entire Region.</p> <p>In total, <b>17,359 people</b> have been made aware of this issue in the Provence-Alpes-Côte d'Azur region thanks to the NFCL Exhibition "Nature in the City and Adaptation to Climate Change" for a total of <b>36 events spread over 484 days</b>. Of this audience, <b>3,082 were high school students and 11,387 were members of the general public</b>.</p>
<p><b>C3.1</b></p> <p><b>Training Technicians MOOC</b></p>	<p><u>Objectives:</u></p> <p>&gt; The objective of this Initiative is to train all city designers on the ecosystem benefits provided by nature in the urban environment as well as on the techniques for integrating nature into urban projects, so that decision-makers have a real motivation to integrate more nature into current or future projects.</p> <p><u>Expected results:</u></p> <p>&gt; <i>Rollout of two MOOCs. 1,400 technicians trained.</i></p>	Achieved	<p>The two MOOC introductory and advanced courses have been translated into five languages (German, Spanish, Italian, English and French).</p> <p>A total of <b>five sessions have been opened</b> (April 2019, October 2019, April 2020 (lockdown MOOC not provided for), November 2020 and 2021). There are <b>2,496 learners</b> on the French course.</p> <p>In terms of the advanced MOOC course, a total of <b>three sessions have been opened</b> (July-August 2020, March-April 2021 and April-May 2022). There are <b>1,263 learners</b> on the French course.</p> <p><b>On both courses: 995 certificates have been issued and there have been 379 foreign language learners.</b></p> <p>In the Region, 100 technicians from LIFE partner communities trained: reached 206  100 "outside LIFE" community technicians: reached 263  200 technician "developers": reached 354  - Outside the Region 200 people per year: achieved</p> <p>At the end of the Project, the Region considered continuing the management of this platform, by entering into a new contract to maintain the hosting and proper functioning of the MOOC, for the duration of After-LIFE. Thus the MOOC has been rebroadcast on the platform, but from now on it is freely and continuously accessible: in terms of the introductory session since November 3, 2022, in terms of the advanced session since December 1, 2022.</p>
<p><b>C3.2</b></p> <p><b>Training for elected officials</b></p>	<p><u>Objectives:</u></p> <p>&gt; see C3.2. Finalization of a training "kit" for elected officials, in the form of feedback sheets and a specific training</p>	Achieved	<p>This Initiative started in 2020 with the finalization of the feedback sheets and drawing value from them at the various events involving elected officials. In addition, in 2021, a training Initiative for elected officials was</p>

	<p>offer.</p> <p><b>Expected results:</b> &gt; Training of 150 to 200 elected officials.</p>		<p>implemented with the ARBE within the framework of a CPI.</p> <p><b>15 feedback sheets created</b></p> <p><b>1. As part of the Initiatives rolled out in 2018 and 2019:</b> 249 elected officials were trained</p> <p><b>2. As part of the training program implemented by the ARBE, the following staff were trained:</b></p> <ul style="list-style-type: none"> <li>➤ 117 elected officials from metropolitan areas (Aix-Marseille-Provence, Nice-Côte d'Azur and Toulon-Provence-Méditerranée)</li> <li>➤ 80 elected officials from non-Metropolitan territories were trained</li> <li>➤ 204 technicians from metropolitan areas trained (Aix-Marseille-Provence, Nice- Côte d'Azur and Toulon-Provence-Méditerranée)</li> <li>➤ 187 technicians from non-Metropolitan territories were trained</li> <li>➤ 547 other participants had their awareness of the issue raised (associations, networks, the business world, etc.)</li> </ul> <p><b>A total of 366 elected officials and 204 technicians from the metropolitan area in addition to 80 elected officials and 187 technicians from non-metropolitan areas were trained. Another 547 participants were made aware, equating to a total of 1,384 people.</b></p>
<p><b>C3.3</b> <b>Elected officials - technician workshops</b></p>	<p><b>Objectives:</b> &gt; see C3.1. Organization of practical workshops for elected officials and technicians on planning documents and urban development projects.</p> <p><b>Expected results:</b> &gt; 20 documents or urban development projects reviewed. <b>100 technicians and 50 elected officials involved.</b></p>	<p>&gt; Achieved</p>	<p><b>21 workshops</b> were held, with <b>1,000 technicians and 160 elected officials taking part.</b> Between 2018 and 2022, the target of <b>10 planning documents reviewed</b> was nearly doubled to <b>19</b></p> <p>The objectives are met and even exceeded by the end of the Project.</p>
<p><b>C4</b> <b>Citizen workshops</b></p>	<p><b>Objectives:</b> &gt; This action aims to implement an optional prior consultation on certain urban projects and to specifically hold workshops on the theme of developing nature in the city to strengthen its resilience to climate change.</p> <p><b>Expected results:</b> &gt; Work on 5 to 10 different urban projects per metropolitan area per year, i.e. a maximum of 30 projects over the duration of the LIFE Project.</p>	<p>&gt; Achieved</p>	<p><b>24 workshops</b> were held. <b>17 urban projects</b> were supported, involving <b>966 residents and 137 technicians</b></p> <p>The objectives of the target public have been reached and even exceeded, the same is true for the number of projects supported, but it should be noted that the number of workshops held fluctuates from year to year. Indeed, no workshops were held during 2020, as these were delayed due to COVID-19 and elections.</p>
<p><b>C5.0</b> <b>Kick-off Meeting</b></p>	<p><b>Objectives:</b> To officially launch the Nature For City LIFE Project by presenting it to local stakeholders, elected officials, public and private technicians, associations, schoolchildren and residents.</p> <p><b>Expected results:</b> &gt; Presentation of the Project to at least 100 local stakeholders.</p>	<p>&gt; Achieved</p>	<p>This Initiative was not initially planned. Its implementation was decided on in order to mobilize the local stakeholders and to make them aware of this Project which would concern them for five years. It went well and the objectives set were achieved. The Project's kick-off meeting held on February 1, 2018 brought together about 100 people from 24 communities, 10 associations and 2 companies.</p>
<p><b>C5.1</b> <b>Forums Residents</b></p>	<p><b>Objectives:</b> &gt; Sharing experiences between residents around Project issues.</p>	<p>&gt; Achieved</p>	<p>The first resident Forum was planned for 2020. However the municipal election process started in late 2019 was delayed by three months as a result of COVID-19. This led to the postponement of the European Forum, making the</p>

	<p>Strengthen their involvement in the climate governance of their local area.</p> <p><b>Expected results:</b>          &gt; Holding of two resident forums, <b>minimum participation of 100 people.</b></p> <p>Compiling of a file of proposals for resident governance on the issue of nature in the city and <b>distribution of 1,000 copies.</b></p>		<p>simultaneous holding of the two forums difficult to manage. It was therefore decided to organize the two residents' Forums in 2021 and 2022 in two different territories (MNCA and MTPM). This has made it possible to increase the number of residents concerned by the Project's Initiatives who can be mobilized in these Forums. This delay has had no impact on the objectives and results expected at the end of the Project.</p> <p><b>2 residents' Forums organized with about 100 participants each.</b></p> <p>This file could not be finalized.</p>
<b>C5.2</b> <b>European Forum</b>	<p><b>Objectives:</b>          &gt; Disseminate the methodologies and the initial Project results and enhance the experiences of other European territories</p> <p><b>Expected results:</b>          &gt; Six countries involved, participation of 200 people          A file of proposals for a better consideration of nature in urban planning, 1,000 copies.</p>	> Achieved	<p>In connection with the health crisis, this Forum had to be postponed to take place in July and October 2021. The implementation of this Initiative has produced the expected results, in accordance with its objectives.</p> <p><b>One Forum over two days with about 200 participants:</b>  <b>Two plenary conferences</b>  <b>Eight round tables</b>  <b>Five urban walks</b>  <b>Presentation to the public of the NFCL Exhibition</b>          No proposal file was produced, but six experience feedback inputs were received, in the form of sheets, from European stakeholders on the following themes: Resident involvement; Urban planning and health; For a city that respects water and biodiversity.</p>
<b>C5.3</b> <b>Closing seminar</b>	<p><b>Objectives:</b>          &gt; Disseminate the final results of LIFE to all LIFE Partners and stakeholders and launch the After-LIFE Program (F2)</p> <p><b>Expected results:</b>          &gt; 150 to 200 people in attendance, distribution of general-public reports and other project deliverables, with at least 250 copies produced.</p>	> Achieved	<p>This seminar was held on June 15, 2022 in Nice based on a report on the five Project years in the morning and three iconic visits of nature sites in the city in the afternoon.</p> <p><b>About 100 participants</b>  <b>Distribution of the various tools produced</b> (feedback sheets, workshop guides, Dehors Notebooks, etc.) as part of the Project and <b>Promotion of the NFCL Exhibition.</b>  <b>Creation of a map of LIFE</b>  <b>Production of a special four-page spread on the Project by the magazine "Sans Transition"</b>  <b>Production of three films</b>  <b>Organization of three visits to iconic Nature in the City sites</b></p>
<b>D1</b> <b>Monitoring and dashboards</b>	<p><b>Objectives:</b>          &gt; Develop and implement all Project monitoring tools.</p> <p><b>Expected results:</b>          &gt; Six operational dashboards allowing regular monitoring of the Project's implementation.</p>	> Achieved	<p>The main monitoring tools have been finalized and are regularly filled in (general monitoring dashboard, Project GANNT).</p> <p>As part of this, a 2018/2022 sociological survey report was produced in December 2022 by the LPED analyzing the data collected.</p>
<b>E1</b> <b>Communication</b>	<p><b>Objectives:</b>          &gt; Creation of communication tools for the general public, local stakeholders and Partners</p> <p><b>Expected results:</b>          &gt; One graphic charter, a brochure, a website, a newsletter, an exhibition, a general-public report.</p>	> Achieved	<p>Graphic charter, information leaflet and website are operational. Updating of the website and formalizing of the newsletter was slowed in 2019 due to lack of availability. But this delay was caught up in 2020 and Project communication was boosted in an effort to catch up. It should be noted, however, that the implementation of the Project was not hindered.</p> <p><b>Six newsletters produced between 2020 and 2022</b>  <b>Creation of a new section on the site</b>  <b>"Communication and resources" promoting the tools produced</b></p>



			<p>Creation of brochures, flyers, posters, NFCL icons and press releases for the Exhibition</p> <p>Production of the NFCL Exhibition, its four educational booklets and four copies of its communication kit (cases with digital tablet on the tools)</p> <p>200 articles or news items</p> <p>The Project website has received 11,236 visits with 28,122 page views and 20,423 unique page views; 2,454 downloads and 2,109 unique downloads.</p> <p>One general-public report in print and digital versions in French and in English, promoted in particular on the NFCL Project website.</p>
<b>E2.1 European network</b>	<p><b>Objectives:</b> Sharing of experiences with European LIFE and INTERREG Projects and European networks.</p> <p><b>Expected results:</b> &gt; At least one INTERREG and four LIFE in addition to three networks</p>	> Achieved	<p>Exchanges allowed the forming of links to the three LIFE Projects. The organization of the European Forum in 2021 made it possible to associate European stakeholders, but the health crisis prevented them from travelling. At this occasion, a specific round table on "European Projects: taking into account the challenges of Nature in the City by Europe and feedback on these projects" was set up. This framework saw a link formed with an INTERREG Project, including a network of Euro-Mediterranean cities with the presence of an Italian partner. In addition, exchanges have been initiated with other European networks, especially in relation to the NFCL Project's sharing of Initiatives and tools.</p> <p><b>Around 20 meetings and/or presentations</b> <b>A round table dedicated to European Projects during the October 2021 Forum to share experiences.</b> <b>Six contributions produced before the 2021 European Forum by European partners</b></p>
<b>E2.2 Regional network</b>	<p><b>Objectives:</b> &gt; Sharing of experiences, methods and results of the Project with Regional Partners.</p> <p><b>Expected results:</b> &gt; Creation of a regional network on the theme of Nature in the City and Adaptation to Climate Change</p>	> Achieved	<p>Many Regional Partners were met with and some of them were closely associated with the Project (ARBE, ENSAM, etc.)</p> <p>It was not necessary to create a specific dedicated network, but existing networks (city nature, sustainable development, etc.) were called on to consider the issue of Nature in the City. The organization of forums and seminars has also helped to rally together stakeholders.</p> <p><b>Around 40 meetings and/or presentations</b></p>
<b>F1 Admin. and financial monitoring</b>	<p><b>Objectives:</b> &gt; Implementation of effective technical, administrative and financial Project coordination.</p> <p><b>Expected results</b> &gt; Recruitment of personnel for the implementation of the Project. &gt; Organization of steering and technical committees &gt; Final audit</p>	> Achieved	<p>The coordination of the Project is in line with the objectives set in the initial Project.</p> <p>The various committees have allowed effective rollout of the Project.</p> <p>All agreements (partnerships, funding) have been established.</p> <p><b>9 TMCs</b> <b>6 SCs</b> <b>17 TTCs</b> <b>117 team meetings</b> <b>Final Audit planned for 2023</b></p>
<b>F2 After-LIFE</b>	<p><b>Objectives:</b> &gt; Development of an After-LIFE Plan to strengthen the Project's objectives over time.</p> <p><b>Expected results:</b> &gt; Drafting of an "After-Life Plan" Report, included in the Final Report.</p>	> Achieved	<p>The development of an After-LIFE Plan was carried out in 2022 with the Partners and was voted by the Region at the session of December 16, 2022.</p> <p><b>Five meetings including a validation SC</b> <b>Vote of a deliberation by the MTPM, MNCA, City of Marseille and the Region</b> <b>Production of letters of commitment from other non-community Partners</b></p>

One of the expected B1 results (outputs and quantified achievements) will not be achieved: the growth of applications for investment grants for urban GBI under the ERDF PACA's green and blue frame investment priority, regional grants. In fact, the Region has been delayed in terms of the preparation and implementation of ERDF calls for projects relating to investments in the GBI (independent of the implementation of the NFCLIFE Project). Therefore, this result will not be measured.

On the other hand, four B1 deliverables are no longer relevant:

- 18-30 urban development and urban design projects incorporating GBIs;
- Decrease of 10% to 20% of the artificial surface in the development projects, increase of 10% to 20% of the GBI and decrease of the mineralized surface compared to the initial project;
- Target of 10% to 30% of biodiversity-positive buildings built in development projects;
- Number of jobs created by the integration of the GBI in development projects.

Most of the development projects monitored under LIFE Nature For City will not be finalized before the end of the Project. Therefore, it will not be possible to measure these results.

The Region's implementation of the Project has led to a strong awareness among regional elected officials of the issue of nature in the city as a means of adapting to climate change. Thus, two major documents were adopted by the Regional Assembly encompassing this issue:

- The Regional Climate Plan (see Appendix 1), which includes three actions that take into account nature in the city:
  - o Initiative 88 "Supporting territories to develop nature in the city...";
  - o Initiative 89 "Rethinking the Smart Grid model with a focus on integrated planning approaches to see the co-existence of the city and nature";
  - o Initiative 70, by re-establishing green and blue networks, including in cities.
- The Regional Plan for Sustainable Development and Territorial Balance (SRADDET), which includes an objective and a rule concerning nature in the city (see Appendices 2&3):
  - o Objective O 37: "To seek the quality of public spaces and encourage nature in the city" in order to:
    - Provide for consultation with residents from the design stage of public space projects;
    - Provide for the creation of green spaces to accompany densification;
    - Develop the ecological functions of nature in the city through the restoration or creation of a green and blue urban network;
    - Provide for the adaptation of urban spaces to climate change in the SCOT and PLU to reduce the creation of heat islands and limit thermal discomfort.
  - o Rule LD2 - OBJ 37: "Promote nature in the city by developing green spaces and landscapes through the establishment of guidelines and objectives that promote biodiversity in the city and adaptation to climate change".

In 2019 the Region adopted the Plan "One million trees planted in the Provence-Alpes-Côte d'Azur Region", whose "Trees in the City" Scheme is specifically presented as the operational implementation of the Nature For City LIFE Project (see Appendix 4).

In March 2020, the Regional Council also adopted a new intervention framework "Supporting sustainable development within the framework of the Regional Territorial Balance Contracts and Urban Renewal Programs". This new intervention framework takes into account the issues of nature in the city and adaptation to climate change by supporting projects that integrate open-ground planting and the integration of green and blue networks as solutions for reducing heat islands (see Appendix 5).

In April 2022, the Regional Council adopted as part of "Keeping a COP Ahead: Climate Plan - Objective of Protected and Enhanced Biodiversity" an intervention framework for biodiversity, environmental education, reserves and regional nature parks. This intervention framework aims to leverage regional credits as national

counterparts for projects involving nature-based solutions eligible for the ERDF under specific Objective 2.4 “Strengthening adaptation to climate change, risk prevention and disaster resilience, taking into account nature-based approaches” (see Appendix 6).

The Region has also set up a sustainable development reference framework for project owners. Thus, it offers a tool to assist project owners in the design, implementation and monitoring of their development operations. This reference system makes it possible to leverage several measures of the Climate Plan on the same project. Consequently, they incorporate the requirements of Regional policies, expressing them within the framework of an overarching, integrated approach. Consequently, it is a factor in adapting to climate change in Provence-Alpes-Côte d'Azur, by proposing development approaches that take into account all environmental aspects and by adapting them to the specific characteristics of old town centers, business parks, and neighborhoods undergoing reconversion:

[https://connaissance-territoire.maregionsud.fr/fileadmin/user\\_upload/Annuaire/Ressources/Referentiel\\_Amenagement\\_Durable.pdf](https://connaissance-territoire.maregionsud.fr/fileadmin/user_upload/Annuaire/Ressources/Referentiel_Amenagement_Durable.pdf)

It is worth noting that during the municipal campaign in 2019, the issue of developing nature in the city in the Region’s municipalities has been one of the new topics developed by a large number of candidates. Without being able to demonstrate the influence of the NCFLIFE Project on this campaign, it must be noted that the subject has taken on great importance at the regional level and that the Region’s Initiatives are undoubtedly not unrelated to this. This has been confirmed in practice, as municipalities such as Nice, Toulon, Marseille, Avignon and Miramas have developed a significant Nature in the City component.

Finally, from the first work organized by the Region for the preparation of the new regional ERDF, the question of Nature in the City for Adaptation to Climate Change quickly appeared as an essential issue. Thus, the new regional ERDF adopted at the end of 2022 takes into account the theme of Nature in the City and Adaptation to Climate Change. Thus, the OS2 Calls for Projects: Greening Europe concerns both “Adaptation to Climate Change - Green and Blue Networks” and “Adaptation to Climate Change - Nature-Based Solutions”, which can be applied in cities.

## 6.3. Analysis of benefits

### 6.3.1. Environmental benefits

#### 6.3.1.1 Direct and quantitative environmental benefits

Through the implementation of Initiative C1.2 Socio-economic monitoring, the Project provides for measurement of changes in the representation of various target audiences (citizens, residents, visitors, elected officials, technicians) on the role of nature in the city and adaptation to climate change. The Project assumption is that this change in representation must allow better consideration of nature in the development of future urban planning projects and in planning documents.

The results of the planned surveys show that social representations of nature in the city have evolved. Thus the main items of the representation of nature in the city and its impact on climate change are the following:

- The main representations of nature in the city focus on green spaces and trees;
- Nature is perceived as contributing to better air quality / maintaining biodiversity / creating social ties;
- There are recurring requests to create green spaces, to plant trees and to build less;
- In all neighborhoods, the issue of nature comes after the desire to improve the development of the neighborhoods in terms of traffic and parking.

In addition, feedback on the LIFE schemes highlights the following:

- People who followed the MOOC are more likely to talk about nature in the city being “wild” than those who took the walks. For this group, eliciting parks and trees is predominant;

- The NFCL MOOCs and the walks organized as part of the Project are appreciated for the knowledge they provide about nature in the city.

The link between nature in the city and the design of urban developments is thus strongly felt by residents, which reinforces the strategy underpinning the Nature For City LIFE Project.

#### 6.3.1.2 Qualitative environmental benefits

Regarding the benefits in terms of environment, and in particular regarding the evolution of the differences in temperature and hygrometry between GBI sites and control sites, the sensors installed by AtmoSud were able to demonstrate a reduction up to -5°C for the urban sites in parks and gardens during the periods of heat waves: reductive effect of urban heat islands confirmed in heat wave periods. Data analysis for four years from 2019 to 2022 was performed for the available data set. It shows a slight inflection of the ozone and nitrogen dioxide concentrations in the GBI sites (for more information, see Technical Note Final Report Initiative C1.1 AtmoSud in Complementary Productions C1.1. Doc 05).

Moreover, as indicated in Section 6.3, the adoption by the Provence-Alpes-Côte d'Azur Region of four strategic documents that take into account the issue of developing nature in cities to adapt to climate change, allows the issue to be disseminated across all of the Region's communities. Municipalities, EPCI, PNR, PN are concerned by the Regional Climate Plan, the SRADDET (opposable document) which encourage them to develop nature in the Region's cities. In addition, the "Trees in the City" Call for Projects (which became a Scheme in 2020), allows for the financing of certain tree planting measures in the city.

Thus, the new regional ERDF adopted at the end of 2022 takes into account the theme of nature in the city and adaptation to climate change. Thus, the OS2 Calls for Projects: Greening Europe concerns both "Adaptation to Climate Change - Green and Blue Networks" and "Adaptation to Climate Change - Nature-Based Solutions", which can be applied in cities.

Finally, the links with European networks have enabled the results of NFCLIFE to be widely disseminated in Europe.

#### 6.3.2. Economic benefits

**An Economic Analysis: Nature in the City and Climate Change (C1.2)** was completed in December 2022 by LPED as part of the Project. This has provided the opportunity to highlight the following trends: Cities are complex ecosystems characterized by social, economic and natural subsystems. Discerning ecosystem benefits would provide a link that connects urban ecology to the economy. Often, the closer the location of a property is to an urban green space, the more benefits there are in terms of health and well-being, social appeal and improved city perceptions, and the positive economic value generated.

Many studies and research have highlighted the positive impacts of the return of nature in the city in terms of the development of biodiversity, as well as in terms of thermoregulation, physical and psychological health, and the enhancement of buildings. The social and economic characteristics of residents living in close proximity to parks provide reliable indicators for evaluating the attractiveness of these green spaces. The persistence of a perception of green spaces as ornamental runs the risk of leading to their progressive neglect owing to lack of maintenance and value in terms of its use, causing not only the loss of qualification of the surrounding urban spaces but also eliciting the disdain of local residents.

The preserved view of a natural site, the proximity of a park or a public garden, a private garden, a row of trees, or even a "remarkable tree" are objective values. Green spaces are then considered as urban amenities that must be designed and made use of to meet the needs of residents and visitors: walking and contemplation, games or sports, picnic areas or open-air cafés. The better the green spaces are composed and designed, the better they are organized, operated and maintained, the more they influence prices upwards. Unfortunately, beyond a certain price level, the desirable city becomes accessible only to the upper

social class. Although the desirable city owes everything to its location, the sustainable city should offer a desirable location to each of its residents. (For more information, see the “Economic Analysis Report: Nature in the City and Climate Change” - LPED - December 2022 with a focus on Part 5 - Study of Land Value: case applied in the Provence-Alpes-Côte d'Azur Region - Initiative C1.2. Deliv. 03).

Finally, in terms of employment, the Project itself has allowed the hiring of three people part-time by the Bureau des Guides GR2013 (two urban planners and one ecologist) and two people on fixed-term contracts for a few months between 2018 and 2022 by the LPED (two sociologists) and one student on a fixed-term contract in 2022 for rendering the economic approach tangible. In total, 2.95 FTEs were created over the five years of the Project. All of them are therefore qualified personnel.

### **6.3.3. Social benefits**

The social impacts of the Project can be seen in particular in the results of the sociological surveys conducted by the AMU's LPED. For both residents and elected officials, there is a strong desire for nature in the city as a means of appeasement. In this respect, the people interviewed mention the predominant place of trees and parks, urban agriculture and beekeeping, as well as shared gardens. They salute resident Initiatives such as greening permits or the green visa, a system that aims to regulate spontaneous greening practices in public spaces. Everything becomes a challenge to produce nature in the city. Thus, gardens at the foot of buildings and the first harvests shared in a social setting - these are the real drivers of social connection in the city. Moreover, the health crisis has strongly reinforced this need for nature in the city. Residents stormed the parks, gardens and hills. We also noted changes in terms of food consumption with a strong increase in the distribution of custom-made products, AMAP baskets with +25% at the time of the first lockdown, a 15% increase of which has been maintained. This has also led some municipalities renovating more green spaces in the face of strong population demand.

### **6.3.4. Reproducibility, probability, cooperation**

The Project presentation meetings showed a strong interest on the part of participants in the various NFCL Initiatives. Thus, the links with the INTERREG Blue Green City Project have enabled exchanges with the Project's partner cities and Regions. Contributions from European Partners were also produced during the European forum in 2021. However, the health crisis made face-to-face exchanges difficult or impossible, as the Partners were not allowed to travel.

### **6.3.5. Experiences on better practices**

The European and regional networking Initiative has allowed the Nature For City LIFE Project to build a “community” of city practitioners. By building on the experience of the Project and drawing on the skills and experience of all the partners identified, the Region has been able to forge partnerships to bring “more nature into the city”.

### **6.3.6. Innovation and demonstration values**

The benefits in terms of innovation and the demonstrative value of the Nature For City LIFE Project have been driven by the multitude of its innovative and complementary Initiatives. These events have helped to raise awareness among various types of public concerning the issues of nature in the city and adaptation to climate change. This has taken place through sociological surveys, the MOOCs, workshops, training of elected officials, the traveling exhibition, forums and webinars and urban walks. Similarly, the anticipation of a metropolitan pathway in the TPM makes an active contribution towards the Project's demonstrative value, as do the art investments, which are truly innovative means for this cultural public relations exercise around the issues related to global warming, and particularly the benefit of nature in the city in the face of climate change.

### 6.3.7. Impact on local policies

See above, Sections 6.3 and 6.4.1.2 on the Project's impact on the Regional Climate Plan, the SRADDET, and current and future funding for developing Nature in the City (Trees in the City AAP; ERDF).

## 7. Key Project-level Indicators

All of the Project indicators are grouped in Deliverable D1. Deliv. 02.

The KPIs have been the subject of two specific meetings with the External Auditor for an update. In fact, for some of them, a warning had been formulated during the Mid-Term Report regarding the nature of the Project's Initiatives.



Table: Project KPIs and end-of-project values

INDICATOR NAME	INDICATOR CODE	FIRST LEVEL DESCRIPTOR	START VALUE	END VALUE	BEYOND FIVE YEARS VALUE	UNIT
Project area / length	1.5	Partial reduction of specific pressures / threats affecting the spatial extent of the Project in comparison to the present level	498,700	498,700	498,700	ha
Humans (to be) influenced by the Project	1.6	Persons whose lives were positively impacted by SECONDARY env; Project Initiatives.	0	5,000	8,000	Number of non-resident persons regularly present within or near the Project area
	1.6	Persons who may have been influenced via dissemination or awareness-raising Project Initiatives	0	222,748	300,000	Number of residents within or near the Project area
	1.6	Persons who have changed their behavior or practices due to Project Initiatives	0	2,780	3,500	Number of non-resident persons regularly present within or near the Project area
Nature and biodiversity	7.2	Ecosystem Service Trend	Some deterioration	Some improvement	Improving	
Nature and biodiversity	7.2	Ecosystem Service Condition	Unknown	Good / favorable	Good / favorable	
Climate Change Adaptation / Infrastructure targeted for climate resilience	9.3	Organisational support structures / Blue and Green Infrastructure	0	30	60	Number of facilities
Governance / Involvement of Non-Governmental Organizations (NGOs)	10.2	Individuals	0	5,500	8,000	Number of individuals
	10.2	Public body / bodies	0	700	900	Number of stakeholders
	11.1	Number of unique visits	0	11,236	12,000	Number
Information and awareness raising to the General Public / Website	11.2	Publications issued (journal; conference)	0	34	40	Number
	11.2	Events / exhibitions	0	266	300	Number
	11.2	Print media (newspaper and magazine articles)	0	10	15	Number
	11.2	Other distinct media (video / broadcast)	0	30	40	Number
	11.2	Hotline / Information center (1)	0	0	0	Number
	11.2	Displayed information (posters, information boards)	0	30	40	Number
Surveys carried out regarding awareness of the environmental / climate problem addressed (only mandatory for information and awareness projects)	11.3	Individuals	0	582	600	Number of individuals surveyed
Capacity building / Networking	12.1	Professionals	0	1,583	2,000	Number of individuals

Capacity building /	12.2	Professionals	0	1,400	2,000	Number of individuals
Professional training or education	12.2	Other (locally-elected people)	0	150	200	Number of individuals
Jobs	13	Jobs (2)	0	2.95	1	Number of FTE
Contribution to Economic growth / running costs / operating costs during the Project and expected in case of continuation / replication / transfer after the Project period	14.1	Running costs / operating costs during the Project and expected in case of continuation / replication / transfer after the Project period	0	398,578	1,691,163	€
Contribution to Economic growth /	14.3	Beneficiaries' own contribution (After-LIFE Plan)	0	0	1,292,585	€

(1) : provision was never made to set up a “Hotline / Information center” as specified in the Mid-Term Report, hence the negative values indicated. This KPI has been deleted in relation to the External Auditor.

(2) : one person should be recruited in 2023 by the Region to set up the monitoring of the After-LIFE Plan for a part of their working time - to be defined