

***LIFE NETWORKING EVENT 2021/FINAL CONFERENCE
OF THE PROJECT “CYCLAMEN - CYPRUS CAPACITY BUILDING FOR LIFE”
(LIFE14 CAP/CY/000006)***

***“How Italy has benefited from the LIFE Programme and
how Italian LIFE projects have impacted policy uptake”***

Federico Benvenuti

LIFE NCP Team - Italian Ministry for the Ecological Transition

Nicosia (Cyprus), 3rd November 2021





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- ❑ **The Italian LIFE NCP Team in the context of LIFE CAP projects**
- ❑ **Answering some Cyprus LIFE Team’s questions**



Implementation of LIFE in Italy: an overview

- ❑ Since 1992, a total of **946 projects** have been co-financed in Italy by the LIFE programme (including **4 integrated projects**): around **17% of the EU total**.
- ❑ These projects represent a **total investment** of € **1.731 million** (EU contribution: € **850.5 million**).

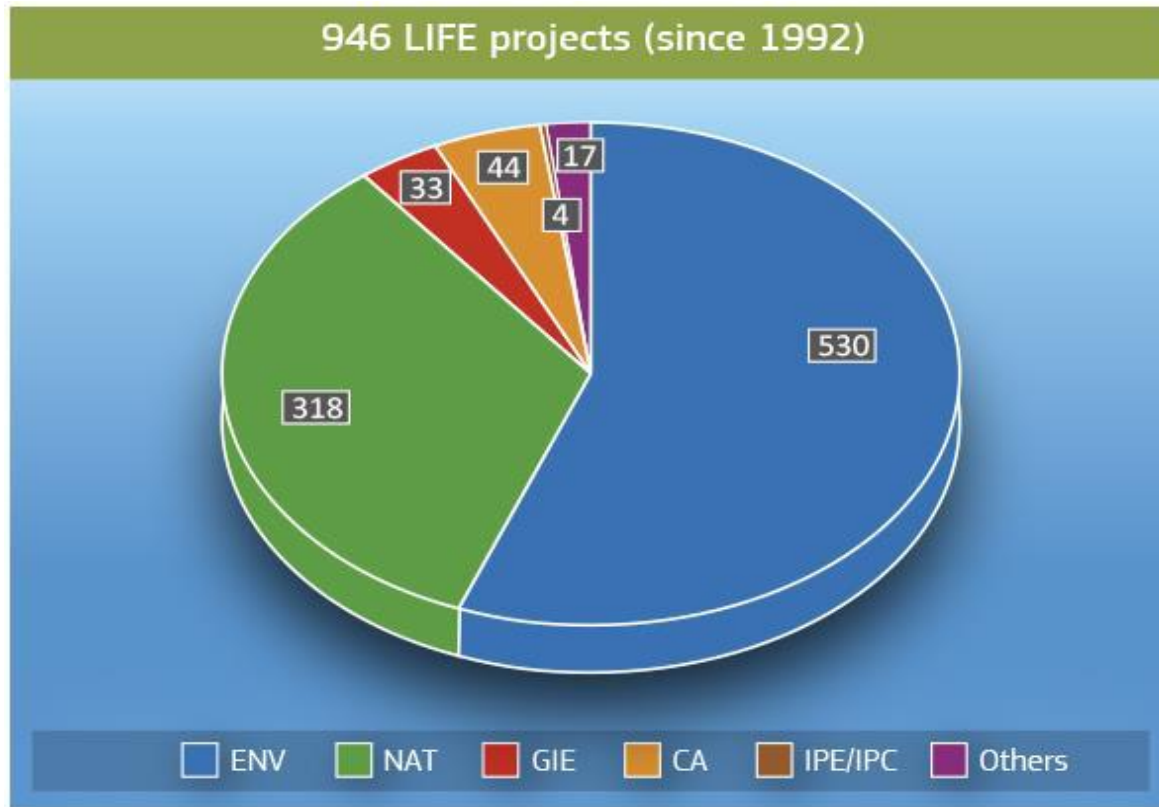


Italy and Spain are the main beneficiaries of LIFE programme!



Implementation of LIFE in Italy: an overview

LIFE projects in Italy (number): breakdown by priority area



Source: LIFE Programme - Country Factsheet - Italy. European Commission. Last update: 28/05/21.





Implementation of LIFE in Italy: an overview

Investments in LIFE projects in Italy (€ million): breakdown by priority area

Investment in LIFE projects in Italy (€ million)		
	Total investment	EU contribution
ALL LIFE projects	1731	850.5
Environment and Resource Efficiency (ENV)	964	415
Nature and Biodiversity (NAT)	484	279.5
Environmental Governance and Information (GIE)	54.5	30.5
Climate Action (CA)	100.5	56.5
Integrated (IPE/IPC)	69	37.5
Others	59	31.5

Source: LIFE Programme - Country Factsheet - Italy. European Commission. Last update: 28/05/21.



Implementation of LIFE in Italy: an overview

4 Integrated projects (IPs, now SPs):

- ❑ **LIFE GESTIRE 2020** - *Nature Integrated Management to 2020* (LIFE14 IPE/IT/000018): www.naturachevale.it/il-progetto/life-gestire-2020



- ❑ **LIFE PREPAIR** - *Po regions engaged to policies of air* (LIFE15 IPE/IT/000013): www.lifeprepare.eu



- ❑ **LIFEalps** - *Zero Emission Services for a Decarbonised Alpine Economy* (LIFE17 IPC IT 000005): www.life-alps.eu



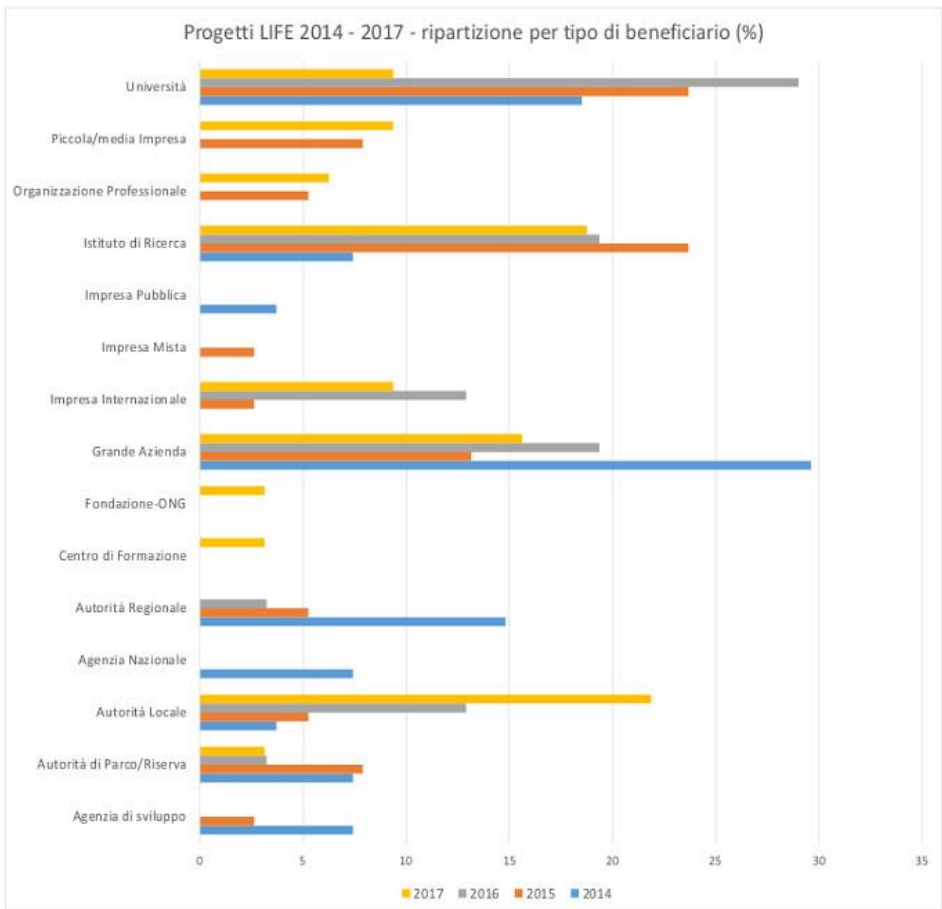
- ❑ **LIFE IMAGINE UMBRIA** - *Integrated Management and Grant Investments for the N2000 Network in Umbria* (LIFE19 IPE/IT/000015): www.lifeimagine.eu





Implementation of LIFE in Italy: an overview

LIFE projects 2014-2017 (number): distribution per type of beneficiary



The Italian LIFE NCP Unit: our activities

► Support activities for the applicants

Support on technical and administrative issues for the preparation of proposals :

- ❖ **Answering inquiries** from applicants by telephone and by e-mail (*Telephone and E-mail Helpdesk*);
- ❖ **Bilateral meetings** (also online) with applicants aimed at improving the project proposals technically and/or from a formal point of view;
- ❖ **Partner for LIFE researching activities;**
- ❖ **Translation into Italian language** of some LIFE reference documents (such as the “General Model Grant Agreement”).



The Italian LIFE NCP Team: our activities

► Organisation of events

- ❑ **National LIFE Info Days**, attended by representatives of EC, EASME (now CINEA), NEEMO EEIG - Timesis (the external monitoring team of the EC) and some Italian LIFE beneficiaries who describe the experiences of their projects. During the LIFE Info Days, the features and priorities of the LIFE sub-programmes are illustrated. **Last national LIFE Info Day: Rome, 8th May 2018.**
- ❑ **Workshops/Platform meetings** (for example:
 1. **Workshop “Best practices for managing water resources and protecting the marine environment: the contribution of the LIFE projects”**, organised within the event “Aquae Venezia 2015”, the international exhibition dedicated to water, a Side event of Expo Milano 2015 - Venice, 20th October 2015;
 2. **“LIFE platform meeting on ceramic and brick manufacturing”** - Sassuolo, 11st April 2017).



The Italian LIFE NCP Team: our activities

► Organisation of events

❑ **Writing Workshops**, organised in collaboration with EASME (now CINEA), and Neemo EEIG - Timesis: seminars for applicants who have already started to prepare a proposal; these seminars represent an opportunity to deepen the most common mistakes made in the drafting of project proposals, in order to improve their quality.

❑ **Writing Workshop 2016**
La Sapienza University, Rome (22nd June 2016)

❑ **Writing Workshop 2017**
La Sapienza University, Rome (26th June 2017)

❑ **Writing Workshop 2019**
La Sapienza University, Rome (6th May 2019)



The Italian LIFE NCP Team: our activities

► Participating in events

Participation in:

- ❑ **Fairs** or similar events (for example: the green technologies expo, ECOMONDO, which takes place in Rimini in autumn of each year);
- ❑ **Workshops/Conferences/Seminars organised by the Italian LIFE beneficiaries** in order to present the objectives and the activities of their projects;
- ❑ **LIFE projects' Final Conferences**, organised by the Italian beneficiaries in order to disseminate the results of their projects;
- ❑ **Events organised by stakeholders** (regional and local authorities, universities, etc.) to learn more about the features of LIFE Programme and the modalities for participation in it.



The Italian LIFE NCP Team: our activities

▶ Partecipating in projects' monitoring visits

The **Italian LIFE NCP Team** takes part in the **projects' monitoring visits** carried out by NEEMO EEIG - Timesis, in order:

- ❑ to know the projects' actions and the results achieved;
- ❑ to promote the dissemination of projects' results through the Italian Ministry for the Ecological Transition's website (see the "Project of the month" initiative) and social networks such as Twitter and Instagram.



The Italian LIFE NCP Team: our activities

► Communication and dissemination activities

A significant part of the Italian LIFE NCP Team's activities is dedicated to the beneficiaries, in order to communicate the objectives and the actions of their projects and to reinforce the dissemination of the technical information about these projects (including the results).

These communication and dissemination initiatives are also aimed at facilitating the exchange of best practices developed by LIFE projects among the various Italian beneficiaries and between these beneficiaries and the stakeholders.



The Italian LIFE NCP Team: our activities

Communication and dissemination activities

The website

The website of the Italian Ministry for the Ecological Transition is the main tool for communication and dissemination activities.

Since 2007 the Italian LIFE NCP Team earmarked a wider space within the web portal of the Ministry in order to promote both the LIFE programme and the Italian LIFE projects.



LIFE è uno dei programmi "storici" della Commissione Europea essendo operativo dal 1992 ed è il principale strumento finanziario dell'Unione europea dedicato alla tutela dell'ambiente, alla conservazione della natura e all'azione per il clima. LIFE ha cofinanziato più di 5.500 progetti in tutta l'UE mobilitando oltre 9 miliardi di euro di investimenti e contribuendo con oltre 4 miliardi di euro stanziati dalla Commissione Europea a titolo di cofinanziamento. In Italia il Programma ha riscosso un notevole successo che si è tradotto in oltre 900 progetti finanziati, determinando un investimento complessivo di 1,5 miliardi di Euro, di cui circa 700 Milioni di Euro stanziati a titolo di cofinanziamento dalla Commissione europea.

Il programma LIFE svolge un ruolo essenziale nel sostenere lo sviluppo, l'attuazione e l'aggiornamento della politica e della legislazione ambientale ed in materia di clima dell'Unione, attraverso il finanziamento di progetti di varie dimensioni, che si propongono di dimostrare la fattibilità tecnica ed economica di efficaci soluzioni (tecniche, metodi ed approcci) a differenti complessi problemi ambientali e del clima nonché di offrire e garantire la conservazione e la protezione della biodiversità.

La dotazione finanziaria del programma LIFE per il periodo 2021-2027 è pari a 5,432 Milioni di Euro ripartita tra i quattro Sottoprogrammi in cui si articola: "Natura e biodiversità", "Economia circolare e qualità della vita", "Mitigazione e adattamento ai cambiamenti climatici" e "Transizione all'energia pulita".

- > [Programma per l'Ambiente e l'Azione per il clima \(LIFE 2021-2027\)](#) **New**
- > [Programma per l'Ambiente e l'Azione per il clima \(LIFE 2014-2020\)](#)
- > [Programma LIFE+ \(2007-2013\)](#)
- > [Programma LIFE Ambiente \(2000-2006\)](#)

www.mite.gov.it/pagina/life-2014-2020



Home » Programmazione europea » LIFE (2014-2020) » Programma per l'ambiente e l'azione per il clima (LIFE 2021-2027)

PROGRAMMA PER L'AMBIENTE E L'AZIONE PER IL CLIMA (LIFE 2021-2027)



- > [Il nuovo programma per l'ambiente e l'azione per il clima \(LIFE 2021-2027\)](#)
- > [Call 2021](#)
- > [Notizie](#)
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PROGRAMMA PER L'AMBIENTE E L'AZIONE PER IL CLIMA (LIFE 2014-2020)



Il Programma per l'ambiente e l'azione per il clima

- > [Il nuovo Regolamento che istituisce il Programma per l'ambiente e l'azione per il clima](#)
- > [Programma di lavoro pluriennale](#)
- > [Call 2020](#)
- > [Progetti Call 2019](#)
- > [Progetti Call 2018](#)
- > [Progetti Call 2017](#)
- > [Progetti Call 2016](#)
- > [Progetti Call 2015](#)
- > [Progetti Call 2014](#)
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- > [Ricerca Partner](#)
- > [Valutazione Intermedia del Programma LIFE](#)
- > [Eventi beneficiari LIFE](#)
- > [Celebrazione dei 25 anni LIFE](#)
- > [Archivio Progetti del Mese](#)



The Italian LIFE NCP Team: our activities

► Communication and dissemination activities

Particular importance is also given to the Social networks:



Twitter@LIFEprogrammelt



Instagram: ncp_life_it

The Italian LIFE NCP Team: our activities

Communication and dissemination activities

“Project of the month”

Every month in the website section “Project of the month” we propose the **deepening of a different project.**

This section - enhanced by photos, figures and hyperlinks to documents or other outputs - offers the opportunity to present the environmental or climate problem which is the starting point of the project, the project’s features and actions, the context in which the activities are carried out, the environmental or climate solutions found.

The goal of this communication initiative is to promote the dissemination of best practices, technologies and methodologies developed by the projects and to encourage their replication.

The contents of this section are set on the basis of the contributions we receive by beneficiaries whose projects have been subjected to a monitoring visit.

Il progetto LIFE del mese



LIFE14 CCM/IT/000464

Beneficiario coordinatore:
DIEF - Dipartimento di Ingegneria Industriale, Università degli Studi di Firenze
WVG - Waste Valorization Group
Via di Santa Marta 3, Firenze

Beneficiari associati:

- CSAI - Centro Servizi Ambiente Impianti S.p.A.
- Regione Toscana - Settore Servizi pubblici locali, energia e inquinamenti
Sienambiente S.p.A.

Sito web di progetto:
www.liferemida.it

E-mail di progetto:
info@liferemida.it

Referente:
Isabella Pecorini (Project Manager)
E-mail: isabella.pecorini@unifi.it
Telefono: 055 2758718

Durata:
01/01/2016 - 31/12/2018

Budget complessivo:
€ 855.600

Contributo EU:
€ 513.000

Area del progetto:
Regione Toscana.
Siti dimostrativi: discarica di “Podere il Pero” a Castiglion Fibocchi (AR) e discarica “Le Fornaci” a Monticiano (SI)

LIFE RE MIDA: Metodi innovativi per il trattamento delle emissioni dei gas residuali nell’impianto di discarica nelle regioni del Mediterraneo

Il problema ambientale: la gestione del gas di discarica residuale

Pochi immaginano che gli impianti di discarica, anche dopo la loro chiusura, continuano a produrre biogas che, se non correttamente gestito, può essere emesso causando impatti significativi sull’ambiente. Il gas di discarica, prodotto naturalmente dalla degradazione anaerobica della materia organica contenuta nei rifiuti, è costituito principalmente da metano (CH₄) e anidride carbonica (CO₂), entrambi gas serra. Possono inoltre essere presenti in traccia, ovvero in concentrazioni volumetriche comprese fra ppm e ppb, più di 200 composti organici volatili (NMVOCs), sostanze potenzialmente tossiche o a bassa soglia di percezione olfattiva. Le emissioni del gas di discarica possono quindi determinare impatti sull’ambiente e rischi per la salute umana a livello locale, regionale e globale.

Per questo, la normativa di settore (Direttiva 1999/31/CE, recepita dal D.lgs. 36/2003) definisce una serie di strategie e misure tecniche volte a minimizzare le emissioni incontrollate che prevedono essenzialmente: l’estrazione ed il trattamento termico del gas di discarica; la messa in opera di un specifico sistema di copertura; la riduzione del quantitativo di rifiuti urbani biodegradabili avviati a smaltimento ed il divieto di conferimento di rifiuti non trattati. Non sempre, tuttavia, queste misure risultano efficaci ed in particolare si verificano alcune criticità quando il volume di gas prodotto e la concentrazione di CH₄ in esso contenuto sono bassi (gas di discarica residuale). Tali condizioni si possono verificare sia al termine dell’attività di conferimento, quando la sostanza organica all’interno dei rifiuti è stata in gran parte già degradata, sia in fase di gestione, quando per contenere le emissioni odorigene spesso si massimizzano le aspirazioni in area di coltivazione. Anche se la combustione del gas di discarica residuale non è

The Italian LIFE NCP Team: our activities

► Communication and dissemination activities

Publications of monographs on LIFE projects

“3 country monographs”:

□ “The success of LIFE Environment Programme in Italy: examples of innovative solutions replicated at national level” (2010);

□ “The LIFE+ Programme and the National Rural Network. An opportunity for discussing and studying the environmental priorities of rural development policies through LIFE+ projects” (2012);

□ “The experiences of LIFE+ Environment projects - Best practices in the territories of Italian regions eligible for funding from the Structural Funds under the convergence objective” (2014).



The Italian LIFE NCP Team: our activities

► Activities for the complementarity

The Italian LIFE NCP Team – which operates within the Office of the Ministry for the Ecological Transition in charge of “*Cohesion Policy and EU financial instruments*” – **helps** this Office **to carry on** some important **activities aimed at ensuring complementarity** between the **LIFE Programme** on one hand, and the **European Funds** and **other financial instruments linked to environmental and climate objectives** on the other hand.



The Italian LIFE NCP Team: our activities

► Activities for the complementarity

Complementarity with the European Regional Development Fund (ERFD):

□ The Italian LIFE NCP Team has contributed to implement **actions aimed at supporting Calabria Region in accessing best practices** developed through a high-quality LIFE project: **ARUPA** - *“Urgent protection actions for amphibians and reptiles in the Matera Gravina”* (LIFE08 NAT/IT/000372).

□ **Interventions inspired by LIFE ARUPA** have been **realized** by Calabria Region **through** financial resources of the 2014-2020 **ERDF Regional Operational Programme (ROPs)**.



The Italian LIFE NCP Team: our activities

➤ Activities for the complementarity

Complementarity with the European Regional Development Fund (ERFD) and the European Social Fund (ESF):

- ❑ Following the same approach, **the Italian LIFE NCP Team is going to continue to help to transfer to some Italian Regions the best practices and innovative environmental and climate-related “solutions” developed by LIFE projects in the context of the 2014-2020 *National Operational Programme on “Governance and Institutional Capacity”* (co-funded both through the ERDF and the ESF).**
- ❑ **More specifically, this happens within the “cross-cutting” line of action (LQS) of the project “Mettiamoci in RIGA - Integrated Enhancement of Environmental Governance”, focused on the full exploitation of the tool “The Knowledge Platform”.**



METTIAMOCI
IN RIGA



www.mettiamociinriga.minambiente.it



The Italian LIFE NCP Team: our activities

► Activities for the complementarity

Complementarity with the European Regional Development Fund (ERDF) and the European Social Fund (ESF):

- ❑ To date, **within the LQS line of action of the project “Mettiamoci in RIGA”, 3 Memorandums of Understanding** have been signed between the **Italian Ministry of the Ecological Transition and the regional Authorities of Toscana, Lazio and Liguria** for the replication of best practices and innovative solutions developed by **3 LIFE projects and 1 Horizon 2020 project**.
- ❑ **Financial options for replication activities:** own regional resources, residual regional resources under 2014-2020 ERDF ROPs or regional allocations of the structural funds 2021-2027.

METTIAMOCI
IN RIGA



PROJECTS		
Toscana	Lazio	Liguria
<ul style="list-style-type: none"> ▪ LIFE T.E.N. - <i>Trentino Ecological Network</i> (LIFE11/NAT/IT/000 187) 	<ul style="list-style-type: none"> ▪ LIFE RI.CO.PR.I - <i>Restoration and conservation of dry grasslands in Southern and Central Italy</i> ▪ LIFE PRATERIE - <i>Urgent actions for the conservation of grasslands and pastures in the territory of the Gran Sasso and Monti della Laga National Park</i> (LIFE11 NAT/IT/234) 	<ul style="list-style-type: none"> ▪ FREEWAT - <i>FREE and open source software tools for WATER resource management</i> (H2020 642224)



The Italian LIFE NCP Team: our activities

➤ Activities for the complementarity

Complementarity with the the European Agricultural Fund for Rural Development (EAFRD)

□ The Italian Ministry for the Ecological Transition is partner of several projects implemented through the 2014-2020 **Rural National Network Programme** (co-funded through the EAFRD), including the one focused on **“Complementarity between the LIFE Programme and rural development policies”**, which envisages the **direct involvement of the Italian LIFE NCP Team**. **Activities carried out to date:**

- ❖ **1 Workshop to deepen 6 LIFE projects focused on sustainability agriculture, forestry and agro-food industry** (Rome, 14th February 2019);
- ❖ **Project sheets describing other 12 LIFE projects focused on the same topics published on a devoted web section.**

□ Furthermore, **representatives of the Italian LIFE NCP Team participate in the Monitoring Committees** of 8 regional **Rural Development Programmes** (RDPs) for the programming period 2014-2020.



**RETERURALE
NAZIONALE
20142020**



The Italian LIFE NCP Team: our activities

➤ Activities for the complementarity

The role of the “The Knowledge Platform”:

“The Knowledge Platform - Best practices for the Environment and Climate Action” is the main tool of the Italian Ministry of the Ecological Transition to implement the foreseen activities for the complementarity

(not just regarding the LIFE Programme!)





The “Knowledge Platform”

What is it?

The “*Knowledge Platform*” is an online resource (“dynamic website”) – connected to the web-portal of the Italian Ministry for the Ecological Transition – collecting best practices and innovative “solutions” developed within the framework of projects co-funded in Italy (during the programming periods 2007-2013 and 2014-2020) under EU Programmes and Initiatives such as LIFE, CIP Eco Innovation, CIP IEE, FP7, Horizon 2020, Interreg Alpine Space.



INTELLIGENT ENERGY
EUROPE



Only projects coordinated by Italian beneficiaries are included in the KP!





The “Knowledge Platform”

The website

UNIONE EUROPEA
Fondo Europeo di Sviluppo Regionale

Spazio per la
Città Sostenibile

MINISTERO DELLA
TRANSIZIONE ECOLOGICA

pon
PROGRAMMA OPERATIVO
NATURALITÀ E TERRITORIO

METAMOOD
IN RIGA

PIATTAFORMA
delle CONOSCENZE
Buone pratiche per l'ambiente e il clima

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WASTES

SOIL

EFFICIENT USE OF RESOURCES

The **Knowledge Platform** has been conceived as a mean of sharing the **best practices related to environment and climate** suitable to be replicated and transferred, as well as to network all those stakeholders who have developed the best practices in the field of Environment and Climate with potential replicators

www.pdc.minambiente.it (Italian version)

www.pdc.minambiente.it/en (English version)





The “Knowledge Platform”

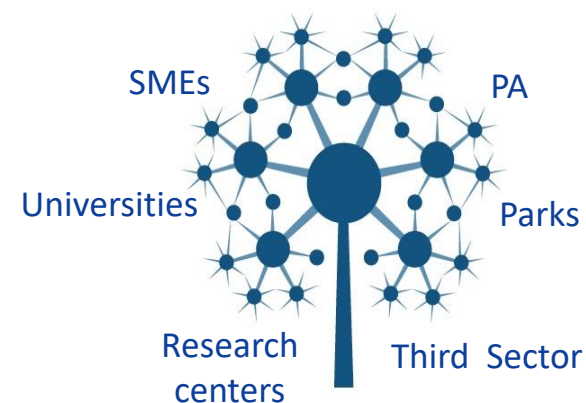
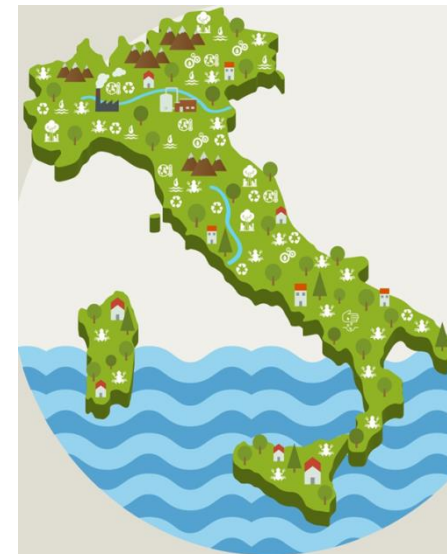
What is the objective?

The main goal of the “Knowledge Platform” is to share best practices and innovative “solutions” for environmental protection and climate action implemented in Italy with the support of EU financial resources, and to promote their replication also in order to improve the effectiveness of public funding.

Who are the users?

The “Knowledge Platform” is for all public and private entities which plan to invest in the environment protection/climate action using replicable methods, techniques, models and approaches that have already been successfully tested/proven in Italy at national, regional or local level.

The tool provides the opportunity for those who have developed best practices and innovative “solutions” to network with all “actors” willing to replicate these.





The “Knowledge Platform”

What does it contain?

The “Knowledge Platform” currently includes best practices and innovative “solutions” from **157 projects**.

The **projects** are grouped into **8 thematic areas**: **Nature and Biodiversity** (32), **Water** (15), **Urban environment** (17), **Energy** (13), **Soil** (6), **Resources efficiency** (20), **Waste** (24) and **Climate** (30).

For each project a “**project sheet**” describes the **results achieved** and the **main deliverables produced** (guidelines, handbooks, software, etc.). The “**project sheets**” are **useful working tools for all those interested in replicating the best practices and innovative “solutions” collected in the “Knowledge Platform”** .

The «Knowledge Platform»



157 project sheets
(related to 5 EU Programmes and Initiatives)



The "Knowledge Platform"

Project sheet: an example

The screenshot displays the website interface for the BLUE AP Project. At the top, there are logos for the European Union, the Italian Government, and the Ministry of Ecological Transition. The main header includes the 'PIATTAFORMA delle CONSCENZE' logo and navigation menus for Home, Environment Themes, Financial Programs, Financial Instruments, Environment Legislation, Environment Policy, News & Events, and Discover More. The main content area is titled 'BLUE AP Project' and includes a 'PROJECT DESCRIPTION' section with a photograph of a mountain landscape. Below the description, there are three tabs: 'Objectives', 'Project Phases', and 'Project Results'. The 'Objectives' tab is active, showing a list of six specific goals for the project.

Objectives

The project has the following specific goals:

1. to create an innovative information system integrating environmental and social data able to produce new information about environmental risks and the best strategies to adopt in order to face them;
2. to raise awareness of local authorities, socio-economic players and citizens on the real risks associated with climate change in the Bologna's territory, motivating them to adopt more environmentally conscious behavior and to responsibly manage the water resources;
3. to offer technical support and training to local stakeholders, with the aim of planning and enacting some actions outlined in the Adaptation Plan. BLUEAP has also played the role of a start-up by launching pilot actions in the Bologna's territory with the participation of local companies and players;
4. to monitor and evaluate the effectiveness and sustainability of the actions taken and the results obtained during the implementation of the project;
5. to share and communicate the guidelines and results of the project, promoting the dissemination and exchange of the generated know-how, to allow other local communities to use the developed models.

This screenshot shows a more detailed view of the project sheet. It includes a detailed 'Project Results' section with a list of 10 key achievements. Below this, there is a table with project details and a 'SAVE PROJECT AS PDF' button.

Project Results

1. The project has contributed to provide the city of Bologna with the **necessary tools to face climate change challenges and increase the resilience of the Bologna's territory**, involving both the public and private sectors, increasing the awareness of key stakeholders, citizens and politicians about the risks and vulnerabilities related to climate change. The **planning and experimentation work done by BLUEAP provides support also for the definition of similar Adaptation Plans**, which can be adopted by any of the medium size Italian cities.
- Among the main results and deliverables of BLUEAP project the following can be highlighted:
 1. **Creation of the Local Climate Profile**, which contains information about the territory's vulnerabilities relating the climate change, highlighting the risks and the opportunities of resilience. The document consists of two parts, the first part focuses on climate analysis observed, starting with regional scale (Emilia-Romagna region) down to local scale, on which some climate scenario models are applied with reference to the coming decades, by identifying the main vulnerabilities of the urban system emerging from the climate projections, **heat waves, water scarcity and hydrogeological instability**. The analysis of the territory made it possible to identify, in addition to the enterprises, also some resilience factors (existence of some local and European projects, as well as of the urban planning) that have already achieved positive results in terms of better resource management.
 2. **Development of a reference map to visualise risk factors** emerging from the climate analysis and to **identify policies and actions**, highlighting areas characterized by greater potential for resilience and thus representing a chance for the Adaptation Plans policies. The innovation of this cartographic elaboration concerns the combination of climate and demographic data with other specific territorial elements, such as: the "floodable areas", Subsoil category, **territorial database (NOEs with GIS platform)** of the Adaptation Plan was developed.
 3. **Development of a replicable bottom-up participatory process**. The process included, among other initiatives, three public events in Bologna (60 participants), 18 arena based district workshops, the distribution of 100 questionnaires on the financial challenges and knowledge about the climate change issues, 1 internal peer review, 1 discussion session with other EU cities, 2 round tables with experts, 3 thematic sessions on agriculture, industry and retail sector, 3 focus groups (themes: urban greening, agriculture and urban gardens, extreme weather events), projects for the permeabilization of commercial and industrial areas, economy and development of the territory), 20 restricted sessions and 1 session with the Municipality's policy makers.
 4. **Greater awareness about the risks associated with climate change, by stakeholders, local authorities, citizens and enterprises.**
 5. Preparation of a "**Adaptation best practices**" (the document contains a review of measures, already carried out in Italy and abroad, that can improve the ability to adapt to climate change effects, mainly concerning the topics "greening" and "water"). Collaboration and approval of the "**Local climate change adaptation strategy**". The document has been developed with the aim of enhancing the resilience of the Bologna's territory, through the definition of a Local Climate Change Adaptation Plan and the experimentation of pilot actions to be implemented in the Bologna's territory.
 6. Development of the **Local Climate Change Adaptation Plan for the city of Bologna (Resolution of the City Council)**: The Plan outlines the strategies able to confront the critical situations highlighted in the Local Climate Profile and identifies a series of actions which refer to national and international best practices in: the management of green spaces for the reinforcement of interior and exterior environments, as well as in water management, both in terms of reducing consumption and of managing intense weather events. The Plan provides guidance on what to do and how to do it, paying particular attention to the interaction between the different levels of government in the territory and the private individuals concerned by land later on directly involved in the implementation of the Plan's actions, in order to integrate the policies and the tools of the district administration with those of higher government, especially regarding water supply and hydrogeological instability. The implementation of the scope outlined in the Adaptation Plan will also occur through upgrading the territory's regulation and planning tools.
 7. Development of the report "**Stakeholder engagement outcome**" which outlines the 10 pilot actions tested in the Bologna's territory with the involvement of the stakeholders. The actions were focused on the new goals for water saving set out in the Urban Building Regulation, guidelines on infrastructures at risk, the launch of the "Green up Bologna" information campaign, the improvement of the drainage capacity of paved surfaces, the creation of rainwater collection systems and the sustainable water management, the promotion of insurance mechanisms.
 8. Creation of the **App Play Bologna**, the first smart online device that actively involves the citizens in themes related to the on climate change, particularly about the Adaptation Plan of the City of Bologna. The APP is a tool able to spread scientific knowledge derived from the BLUEAP project and to gather the adaptation abilities available in the territory of Bologna. Citizens are invited to tell what they can do for the environment through their own Twitter account, and then they are awarded on the basis of an online ranking. The citizens of Bologna are in fact called upon to take practical actions for their town through a certain number of suggested activities divided online into the following categories: agriculture, health, risks, resilience, biodiversity, water, extreme meteorological events - disasters.





The "Knowledge Platform"

The App.



App "Piattaforma delle conoscenze"



L'App Piattaforma delle Conoscenze consente a chiunque disponga di un dispositivo iOS o Android di geolocalizzare i siti dei progetti che hanno sviluppato le buone pratiche, di scoprire, attraverso un percorso a tappe in Realtà aumentata gli obiettivi della Piattaforma ed acquisire maggiore consapevolezza sulle principali problematiche ambientali.

L'App fornisce anche un aggiornamento in tempo reale sulle notizie che riguardano le principali tematiche ambientali.

Approfondisci i temi della Piattaforma delle Conoscenze grazie alla "Realtà Aumentata"

1. Scarica l'[App Android](#) oppure l'[App iOS](#) della Piattaforma delle conoscenze
2. Scarica e visualizza a schermo il [Percorso delle Conoscenze in PDF](#)
3. Scegli nell'App la funzionalità di "Realtà aumentata", inquadra i [QRCode](#) presenti nel "Percorso delle conoscenze" ... e scopri tanti nuovi aspetti della PDC!





The “Knowledge Platform”

The Newsletter





The “Knowledge Platform”

Particular importance is also given to the social networks. Indeed they promote the dialogue and the active participation of users and stakeholders:



Facebook: **Piattaforma delle conoscenze**



Twitter: **@PDCminambiente**



You tube: **Piattaforma delle conoscenze**



Instagram: **Piattaforma delle conoscenze**

The Italian LIFE NCP Team in the context of LIFE CAP projects

Study visit/study tour to LIFE projects in Italy: Hungary 1 (LIFE “Climate” Team) - 2016



The Italian LIFE NCP Team in the context of LIFE CAP projects

Study visit/study tour to LIFE projects in Italy: Slovenia - 2017



The Italian LIFE NCP Team in the context of LIFE CAP projects

Study visit/study tour to LIFE projects in Italy: Bulgaria - 2017



The Italian LIFE NCP Team in the context of LIFE CAP projects

Study visit/study tour to LIFE projects in Italy: Croatia 1 (LIFE NAT, BIO projects) - 2017



The Italian LIFE NCP Team in the context of LIFE CAP projects

Study visit/study tour to LIFE projects in Italy: Cyprus + Greece - 2017



The Italian LIFE NCP Team in the context of LIFE CAP projects

Study visit/study tour to LIFE projects in Italy: Lithuania - 2018



The Italian LIFE NCP Team in the context of LIFE CAP projects

Study visit/study tour to LIFE projects in Italy: Hungary 2 (LIFE “Nature” Team) - 2018



The Italian LIFE NCP Team in the context of LIFE CAP projects

Study visit/study tour to LIFE projects in Italy: Hungary 3 (LIFE “Environment” Team) - 2018



The Italian LIFE NCP Team in the context of LIFE CAP projects

Study visit/study tour to LIFE projects in Italy: Croatia 2 (LIFE ENV, ESC and IPE projects) - 2018



The Italian LIFE NCP Team in the context of LIFE CAP projects

Other events ...

- ❑ Participation in the **“LIFE Capacity Building Networking Workshop”**, organised by the Hungarian Ministry of Agriculture under the project **“LIFECapHUN - LIFE14 CAP/HU/00010” (Budapest, 22nd - 23rd November 2016)**;
- ❑ Participation in the **“NCP - networking & experience exchange workshop”**, organised by the Croatian Ministry of Environmental and Nature Protection under the project **“HR NCP - MENP - LIFE14 CAP/HR/00001” (Zagreb, 7th - 9th December 2016)**;
- ❑ Participation in the **“LIFE international networking conference”**, organised by the Slovenian Ministry of the Environment and Spatial Planning under the project **“LIFE CB SI - LIFE14 CAP/SI/000012” (Ljubljana, 25th - 26th May 2017)**;
- ❑ Participation in the **“Malta LIFE Unit Information Session”**, organized by the Maltese Ministry for Sustainable Development, the Environment and Climate change (MSDEC) under the project **“Increase LIFE ! - Increasing Malta’s participation in LIFE- LIFE14 CAP/MT/000005” (St. Julians, 26th January 2018)**;
- ❑ Participation in the **“LIFE Networking Event 2021/Final Conference of the project CYCLamEn” (LIFE14 CAP/CY/000006)**, organised by the LIFE CYCLamEn Team (Live streaming experience sharing event, **Nicosia, 3rd November 2021**).

Answering some Cypriot LIFE Team's questions

What are the benefits for Italy from LIFE Programme and projects?

- ❑ In Italy LIFE Programme is the main source of funding for environmental-nature protection and climate action (no financial resources under Cohesion Fund-CF; no National Operational Programme for “Environment and Climate” under ERFD).
- ❑ Furthermore, LIFE Programme ensures significant synergies with other EU/National/Regional programmes (especially with RDPs) and contributes to increase the public and private sector's capacity for integration and mainstreaming of environmental-nature and climate objectives into (other) policies.
- ❑ Since 1992, LIFE projects have contributed to the development and demonstration of many policy approaches, interventions, innovative solutions and technologies suitable for replication at larger scale or for transfer to other sectors.
- ❑ LIFE projects have provided a great support for the development, implementation and management of the Natura 2000 network, including the drafting of Priority Action Frameworks (PAFs) by the Italian Regions: as regards to the latter, see the projects GESTIRE (LIFE11 NAT/IT/000044), SUN LIFE (LIFE13 NAT/IT/000371) and PAN LIFE (LIFE13 NAT/IT/001075).

Answering some Cypriot LIFE Team's questions

How Italian LIFE projects have impacted the policy uptake?

Some examples:



- ❑ **LIFE NO.WA** - “No Waste” (LIFE10 ENV/IT/000307): the Italian Ministry for the Ecological Transition **formed a working group which used the results of the project for the adoption of the waste prevention policy with the “National Waste Prevention Program” based on incentives to stop discarding unsold food, promoting food redistribution.**
- ❑ **LIFE RE Mida** - “Innovative Methods for Residual Landfill Gas Emissions Mitigation in Mediterranean Regions” (LIFE14 CCM/IT/000464): the project **had the opportunity to provide concrete indications for the update of the EU regulation concerning the management of biogas with low calorific content.** Notably, the demonstration of technical and economic viability of methods of passive oxidation for the landfill biogas, by the time the biogas production become poor in methane, could allow upgrading the BAT on this field and the legislation at different levels. In this regard, **LIFE RE Mida aimed to contribute, with a bottom-up approach, to the technical upgrading of Directive 1999/31/EC (“Landfill Directive”).**

Answering some Cypriot LIFE Team's questions

Which opportunities for EU transnational cooperation within LIFE?

- ❑ Italian partners participate in many transnational LIFE projects, particularly in “traditional” projects focused on nature conservation and biodiversity; for example: projects aimed at setting up a pan-Alpine ecological network; projects aimed at coordinating trans-boundary wolf conservation actions in the Alps (in Italy, France and Slovenia).
- ❑ Furthermore, LIFE IPs (now SPs) represent another great opportunity to carry out and strengthen the transnational cooperation among EU Member States on environment and climate issues; for example: the project PREPAIR (LIFE15 IPE/IT/000013) proposes to establish a permanent networking structure focused on “improvement of air quality” that involves the environmental agencies of the Po Valley and of the eastern border regions and Northern Adriatic basin, such as Slovenia.
- ❑ Examples of transnational LIFE projects involving Italy and Cyprus and addressing various topics: **ORGANIKO LIFE+** (LIFE14 CCM/CY/000990) on organic farming in the context of climate change mitigation; **LIFE UrbanProof** (LIFE15 CCA/CY/000086) on “resilience of municipalities to climate change”; **LIFE B.R.A.V.E.R.** (LIFE15 ENV/IT/000509) on “EMAS”; **LIFECAB** (LIFE16 ENV/IT/000179) on “biowaste management”; **LIFE GREEN GRAPES** (LIFE16 ENV/IT/000566) on “sustainable viticulture”; **LIFECALLIOPE** (LIFE17 NAT/IT/000565) on “protection of coastal dunes, sublittoral sandbanks and marine reefs”; **LIFE EBP** (LIFE19 ENV/IT/000004) on “bio-based products obtained from municipal biowaste”.

The Italian LIFE NCP Team: about us

► References and contacts

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**THANK YOU FOR YOUR
ATTENTION!**

