



NATURAL POWER LIFE -

Exploiting the POWER of NATURE to reduce the impact of hazardous substances on the environment

Newsletter

Issue No. 1 | February 2024



The NATURAL POWER LIFE project aims at sustainably replacing hazardous herbicides and biocides with pelargonic acid-based products produced from renewable sources thus reducing the impact of synthetic herbicides and biocides on the environment. The project will • extend to the European market two broad-spectrum herbicides based on pelargonic acid, one for non-crop amenities and one for agricultural activities. • introduce a new formulation of broad-spectrum biocide based on pelargonic acid. All three products are produced from renewable sources, more specifically from vegetable oil, following a standardized process that does not use ozone in the oxidative cleavage reaction of the vegetable oil. The application of the pelargonic acid-based herbicide for non-crop amenities (municipalities, industrial areas, roads, railways, and other non-cultivated areas) and the application of pelargonic acid-based herbicide for agricultural activities (vegetable crops, grape, potato, orchard, and arable crops) will be extended in Southern and Central Europe. The performance of the pelargonic acid-based biocide will be demonstrated in order to initiate pre-marketing activities and launch its large-scale production.

Learn more on www.naturalpowerlife.eu



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@NATURALPOW14359



**Co-funded by
the European Union**

NATURAL POWER LIFE received funding from the European Union under Grant Agreement No. 101114110

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NATIONAL CONGRESS OF ITALIAN GREEN MANAGEMENT ASSOCIATION 2023



Around 250 people attended the National Congress of Italian Green Management Association 2023, which took place in Spoleto from 12 to 14 October 2023. During the three days, members of all the delegations, researchers, and university professors discussed the most up-to-date techniques for the design and management of green urban spaces.



During the congress, among other things, it emerged that it is necessary to consider in the management of public green areas the implementation of methodologies that consider environmental aspects not simply as costs but as investments that allow savings, avoiding damage caused by neglect.



ECOMONDO 2023

With its timeless charm, Rimini hosted a significant event from November 7 to 10, 2023. Ecomondo, as the epicenter of ecological transformation, serves as a meeting ground for industry professionals, stakeholders, policymakers, thought leaders, and local authorities. It unites and streamlines the fundamental components that shape the European Union's environmental policy



Distinguished as the premier international event in Europe and the Mediterranean region, Ecomondo is the ultimate reference point for showcasing technologies, services, and industrial solutions in the green and circular economy sectors. It is a hub for pioneering research and innovation, attracting top-tier companies specializing in environmental services, solutions, and technologies.

NATURAL POWER LIFE project participation in the event was enjoyable and laden with the promise of a sustainable future. The pivotal factor behind the project's impactful presence was its compelling presentation.

The NATURAL POWER LIFE team took the opportunity to unveil their vision for a better tomorrow, capturing the attention of the diverse audience gathered in Rimini.



Participation in the event was more than just a showcase; it was a dynamic platform for forging connections. The NATURAL POWER LIFE team immersed themselves in exciting meetings, each with potential collaborations and partnerships. The atmosphere of enthusiasm and shared commitment to sustainability fueled discussions that could have far-reaching effects beyond the event itself.

Communication material

In our Communication kit, you can find the communication materials produced within the NATURAL POWER LIFE project. Any material can be downloaded on the NATURAL POWER LIFE website.

Logo



Roll-up

NATURAL POWER LIFE PROJECT

Project facts
 Coordinator: VERSALIS
 Project start: 01-07-2023
 Duration: 36 months
 Participating organizations: 4
 Project location: European Union
 Total eligible costs: 4 210 131 Euro
 Project funded under EU LIFE22 Programme (Circular Economy & Quality of LIFE)

The NATURAL POWER LIFE project aims at sustainably replacing hazardous herbicides and biocides with pelargonioic acid-based products produced from renewable sources, thus reducing the impact of synthetic herbicides and biocides on the environment.

The project has a twofold objective

- 1 Geographically extend the application of pelargonioic acid-based herbicide (Sunpower®) for non-crop amenities (municipalities, industrial areas, roads, railways, and other non-cultivated areas), and extend the application of pelargonioic acid-based herbicide (Widepower®) for agriculture (vegetable crops, grape, potato, orchard, and arable crops) in Southern and Central Europe.
- 2 Demonstrate the efficacy of a new formulation of pelargonioic acid-based biocide (Spreadpower®) to carry on demo trials at the industrial level and launch its large-scale production.

The project has the following long-term sustainability goals

- 1 To demonstrate the replicability of the product application in different geographical areas in the European Union and for different applications.
- 2 To assess the environmental, economic, and social sustainability of the pelargonioic acid-based formulations.
- 3 To raise awareness of social and economic opportunities among stakeholders in value chains at all levels (from farmers to municipalities to citizens) and drive the route for the future exploitation of the project results.

Project partners

versalis, TeraGlobus, RE-CORD, Agriact

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Poster

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Communication material

Noticeboard

Exploiting the POWER of NATURE to reduce the impact of hazardous substances on the environment

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Co-funded by the European Union

START DATE: 01.07.2023
DURATION: 36 months
BUDGET: 4 210 131€

COORDINATOR:

BENEFICIARIES:

FOR AGRICULTURE:
in Southern and Central Europe:
• vegetable crops
• grape
• potato
• orchard crops
• arable crops

FOR NONCROP AMENITIES:
in Southern and Central Europe:
• municipalities
• industrial areas
• roads
• railways
• other non-cultivated areas

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Brochure (Trifolds)

NATURAL POWER LIFE

The **NATURAL POWER LIFE** project aims at sustainably replacing hazardous herbicides and biocides with pelargonic acid-based products produced from renewable sources, thus reducing the impact of synthetic herbicides and biocides on the environment.

LONG-TERM SUSTAINABILITY GOALS:

- ✓ To demonstrate the replicability of the product application in different geographical areas and for different applications.
- ✓ To assess the environmental, economic, and social sustainability of the products.
- ✓ To raise awareness of social and economic opportunities among stakeholders in value chains at all levels (from farmers to municipalities to citizens) and drive the route for the future exploitation of the project results.

CONTACT US

www.naturalpowerlife.eu
@NATURALPOWERLIFE359
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NATURAL POWER LIFE

LIFE programme-funded project Exploiting the POWER of NATURE to reduce the impact of hazardous substances on the environment

PROJECT FACTS

Coordinator: VERSALIS SPA
Project start: 01-07-2023
Duration: 36 months
Participating organizations: 4
Total eligible costs: 4 210 131 Euro
NATURAL POWER LIFE receives funding from the European Union under Grant Agreement No. 10116410.

PROJECT PARTNERS

OBJECTIVES

- ✓ Geographically extend the application of pelargonic acid-based herbicide for non-crop amenities (municipalities, industrial areas, roads, railways, and other non-cultivated areas), and extend the application of pelargonic acid-based herbicide for agriculture (vegetable crops, grape, potato, orchard, and arable crops) in Southern and Central Europe.
- ✓ Demonstrate the efficacy of a new formulation of pelargonic acid-based biocide to carry on demo trials at the industrial level and launch its large-scale production.

WORK TO DO

- ✓ Project management, coordination, and Risk Management
- ✓ Evaluation of the application of a new pelargonic acid-based herbicide for non-crop amenities
- ✓ Evaluation of new biocide formulation based on pelargonic acid
- ✓ Impact monitoring, evaluation and sustainability, replication and exploitation of project results
- ✓ Dissemination and communication, including networking with other LIFE projects

Roll -up

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- 1 Geographically extend the application of pelargonic acid-based herbicide (Surpower®) for non-crop amenities (municipalities, industrial areas, roads, railways, and other non-cultivated areas), and extend the application of pelargonic acid-based herbicide (Wildpower®) for agriculture (vegetable crops, grape, potato, orchard, and arable crops) in Southern and Central Europe.
- 2 Demonstrate the efficacy of a new formulation of pelargonic acid-based biocide (Spreadpower®) to carry on demo trials at the industrial level and launch its large-scale production.

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[naturalpowerlife.eu](http://www.naturalpowerlife.eu)