

From Forests to Natural Capital: E.ON and LAND Make the Value of Nature Measurable

The collaboration takes the “Boschi E.ON” (E.ON Forests) project into a new phase: 20 representative sites have been analysed through Natural Capital Accounting, while a selection of 10 forests can be explored through Ecoverse, the Nature Intelligence platform developed by LAND.

Milan, 1 October 2026 – From afforestation to understanding the value generated over time. E.ON Italia and LAND Italia are strengthening their collaboration within the Boschi E.ON project by mapping Natural Capital and the ecosystem services generated over time. The aim is to measure and make the environmental benefits of the forests more accessible and understandable, creating a knowledge base that can support the monitoring of their evolution and inform future decisions.

This new phase therefore marks a shift from establishing and growing forests to measuring the benefits they generate in terms of biodiversity, air quality, water management and microclimate. In doing so, it connects the energy transition with a broader ecological transition capable of recognising Nature as an active infrastructure for territories.

Boschi E.ON: an evolving commitment over time

The Boschi E.ON project was launched in 2011 and has since led to the creation of 70 forests across Italy, with more than 150,000 trees planted in urban and non-urban contexts. The initiative has contributed to the regeneration of green spaces and the creation of new habitats, generating benefits that go beyond carbon sequestration and also include biodiversity, air quality, water management, the usability of open spaces and their relationship with the local territory.

This journey forms part of the E.ON Group’s Nature Strategy, adopted in 2024, which integrates Nature protection into the company’s strategy and complements its climate objectives with a broader understanding of the relationships between climate, ecosystems, resources and business activities. For E.ON, the energy transition is therefore also connected to digital and social dimensions and to the ability to generate long-term value for territories.

20 forests analysed through Natural Capital Accounting

To provide an immediate understanding of the value generated by the Boschi E.ON, LAND applied an approach based on Natural Capital Accounting (NCA) to the analysed sites, integrated with digital landscape modelling tools. The methodology organises and compares data relating to habitats, ecosystem condition and Ecosystem Services, translating physical and ecological characteristics into indicators that help understand their evolution over time through interactive digital models. This provides both a snapshot of the condition of the areas in 2026 and a projection to 2050 through measurable and comparable indicators.

The study examined 20 sample sites out of the 70 Boschi E.ON, selected according to their size, vegetation composition, planting structure, design characteristics and geographical distribution. The forests are located in Lombardy, Piedmont, Emilia-Romagna, Veneto and Lazio, and include protected areas, regional and local parks, as well as urban and peri-urban contexts. Overall, the sample includes 42,880 trees and shrubs belonging to 60 species, which have contributed to the creation of different habitats, including riparian woodlands, Mediterranean habitats and urban Tiny Forests.

From CO₂ to biodiversity: a broader understanding of benefits

The analysis does not only consider CO₂-equivalent storage, but provides a multidimensional assessment of the forests' environmental performance. The indicators considered include ecological value and biodiversity potential, carbon storage, oxygen production, the removal of air pollutants – particularly PM2.5 – shading and the reduction of surface water runoff.

For the 20 Boschi E.ON analysed, the cumulative scenario to 2050 estimates:

- 63,432 tonnes of CO₂ equivalent stored;
- 159 ha of shaded areas;
- 31,806 tonnes of oxygen produced;
- 22 tonnes of PM2.5 removed;
- more than 1.45 million m³ of surface water runoff avoided.

These figures are cumulative estimates of the positive impacts expected under the 2050 scenario and refer exclusively to the sample of 20 forests analysed. Their purpose is not to reduce Nature to a single figure, but to make different benefits visible and comparable, creating a knowledge base that can support ecosystem monitoring and inform future decisions.

Ecoverse: the Nature Intelligence platform for communicating the value of Natural Capital

A selection of 10 Boschi E.ON can be explored through Ecoverse, the Nature Intelligence platform developed by LAND. By integrating environmental data and digital representations, Ecoverse enables users to dynamically explore and gain a deeper understanding of the characteristics of the sites and the evolution of the trees and their ecosystem benefits across different stages of growth.

The experience is also accessible through [E.ON's website](#) via the new “**Mappa del Capitale Naturale**” section, which introduces the project and guides users through its contents. In this way, complex data is transformed into information that is more immediate, transparent and accessible.

“For E.ON, the energy transition is part of a broader transformation that must generate tangible and lasting benefits for territories and communities. Through Boschi E.ON, we have contributed over the years to creating a widespread green asset. Today, our collaboration with LAND allows us to take a further step by measuring its benefits and transforming data into a tool for monitoring results and informing future decisions. It is a tangible way of giving substance to our energy, digital and social vision.” – Luca Conti, CEO E.ON Italia

“Climate adaptation is no longer a theoretical exercise, but a necessity that has become part of the everyday reality of cities and businesses. For this reason, Nature can no longer remain a passive partner: soil, water, trees and forests are living infrastructures capable of performing climate-related functions and generating biodiversity. Measuring these services means recognising Nature as Natural Capital and creating a tangible basis for informing future decisions.” – Andreas Kipar, CEO LAND

Measure to understand: understand to act

Measurement is therefore not an end point, but a tool for supporting future choices. It makes it possible to track the evolution of forests over time, identify opportunities to improve biodiversity and ecological connectivity, and support the planning of new interventions on the basis of comparable data.

At the same time, the availability of quantitative evidence enables stakeholders to understand E.ON's commitment to Nature restoration in a more tangible and transparent way and to assess its results over time.

To learn more about the journey and the vision behind the collaboration, **Luca Conti, CEO of E.ON Italia, and Andreas Kipar, CEO of LAND**, [explain in this video](#) how Nature, energy and innovation can work together to generate value for territories.

Media contact

LAND

Luca Andreas Eckert

Communications Manager

luca.eckert@landsrl.com

LAND

LAND – an acronym for Landscape, Architecture, Nature, and Development – is an international landscape consultancy with offices in Austria, Canada, Germany, Italy, Saudi Arabia, and Switzerland. Andreas Kipar and a Team of 200 landscape architects, architects, urban planners, agronomists, engineers, and researchers are dedicated to the regeneration of regions, cities, and places since 1990.

LAND's consulting, planning, and design activities aim to improve people's well-being and environment through the implementation of climate-positive solutions and participatory processes that lead to sustainable development.

We provide consultancy to public and private clients on how to innovate with nature, applying international policies and promoting collaborative planning procedures. Together with our clients and our extensive network of partners, we leverage the opportunities of the green transition for our communities.

Among our main projects: Green Rays strategy, Porta Nuova, Piazzale Loreto, and the redevelopment of the former EXPO site MIND in Milan; Essen's Urban Open Space Strategy and Krupp Park, comprising ThyssenKrupp HQ, and the Freiheit Emscher in Essen; Ruhr Regional Green Infrastructure Strategy; the renaturation of the Airolo valley and Cassarate River Park in Switzerland; Saint-Laurent biodiversity Corridor in Montreal; Al Urubah Park in Riyadh and EXPO 2020 Dubai in the UAE; strategic consulting in landscaping, infrastructure, and renewable energy through, among other things, LIM landscape information modelling ®, as well as the research and innovation projects UrbAlytics and T-Factor funded by the European Commission. LAND's work has been recognized through numerous prestigious international awards, amongst them Premio Mercurio, MIPIM, Wan Awards, Biennale Pisa, Passive and Low Energy Architecture Award (PLEA), European Garden Award 2023.



www.landsrl.com