



Annual social and environmental responsibility report

Urbidermis • Belloch Forestal
2021

Urbidermis



Belloch Forestal

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Introduction

We present this first sustainability report to collect and organize our 2021 advancements in the areas of social and environmental sustainability, as well as the targets we have set to reduce our impact. Aligned with the United Nations Global Compact and Intramundana's Responsibility Plan, we undertake to present an annual report to audit our business.

Cities transform and evolve, and we do so alongside them.



Our group

Urbidermis belongs to Intramundana, the parent company of the business group that also owns Santa & Cole and the Parc de Belloch knowledge campus, where we are located.

The group's driving interest is summarized in the trilogy of **People - City - Planet** with a permanent focus on the rigorous moral standards of good design.



Group highlights of 2021

€ 19 M

Annual sales

134

Team

19

Nationalities

<200km

TOP50 suppliers located less than 200 km
from our headquarters

87%

Urbidermis

72%

Santa&Cole

82%

Parc de Belloch

Environment

159,255 KWh

Energy produced using photovoltaic panels

14%

of the energy consumed

418.23TnCO₂eq

CO₂ footprint at Parc de Belloch and warehouses

-40%

emissions compared to 2019

967m³

of water consumed in offices

-7%

annual consumption per person

We transform and evolve alongside cities

Urbidermis & Belloch Forestal: City and nature

The human and environmental scales are the keys to transforming new urban settings. This new paradigm calls for strengthening the presence of nature in our cities — environmental quality, quality of life, quality of landscape — through a healthy and well-selected infrastructure of urban trees.

At Urbidermis we have decided to face this new challenge by expanding our holistic perspective of the urban ecosystem. We rely on Belloch Forestal's singular nurseries for urban forestry, its knowledge and services, its innovation projects, and its well-reasoned selection of trees and plants adapted to the new urban habitat.

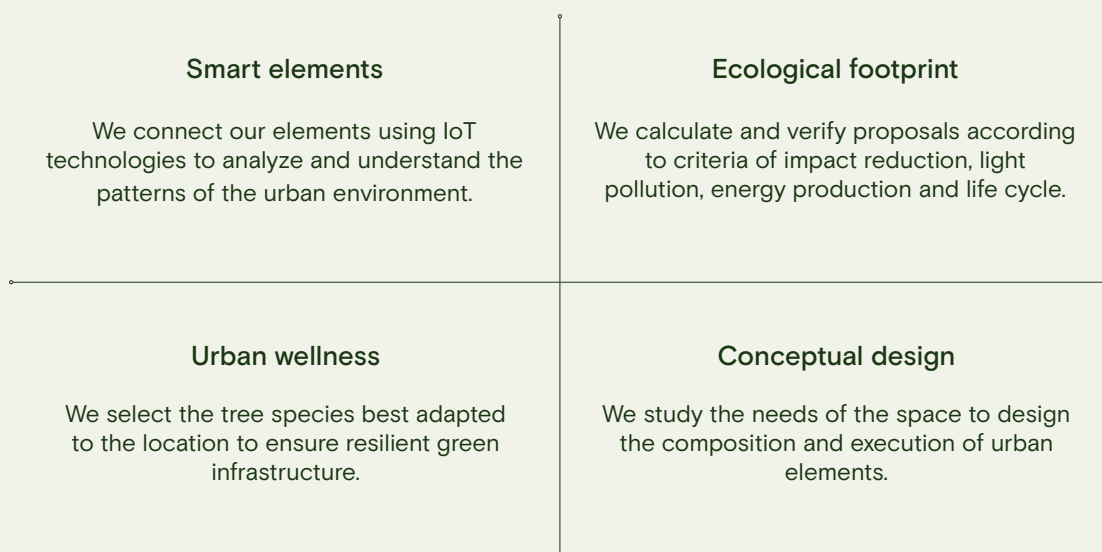


Sustainability, urbanity, and design

Consultants with expertise in cities

The cities of the 21st century will focus on people and promote life in public spaces through innovative smart infrastructure. They will be much greener and much more human, with new models of sustainable mobility and energy self-sufficiency, a more extensive ecological scope and a stronger environmental commitment.

We put our expertise on the ecosystem of elements to work for our clients to accelerate the vision of a greener and more innovative city: trees, lighting, furniture and microarchitecture. We offer specialized consulting services, advising on the generation of new ideas and the integration of urban elements with IoT technology into new digital environments.



Urban elements



Our goal is to offer elements that are manufactured responsibly with sustainable materials and designed to last in their settings. We want to improve the wellness of people and the community and the harmony of public spaces.

We have experience to adapt to any planning, topographical or weather-based needs. We develop elements that are customizable, modular and replicable.

O1 Lighting

We require high performance, energy efficiency and low light pollution from our urban lighting, so that it respects the life cycles of all the people and the fauna in our cities.

O2 Furniture

Our urban furniture elements are ergonomic, functional, inclusive and durable.

O3 Microarchitecture

We provide public recreation areas with shelter and functionality using microarchitecture elements with the option for photovoltaic surfaces to generate clean, renewable and local energy.



Our environmental responsibility strategy for the design, manufacturing and distribution of urban elements is focused on three of the targets laid out in Intramundana's 2023-2025 Social and Environmental Responsibility Plan.

Global target

Reduce our environmental impact

Move towards the circularity of our products

Preserve cultural heritage and promote knowledge transfer

Areas of improvement

O1 Suppliers

O1 Materials

O1 Partnerships

O2 Packaging and logistics

O2 Quality

O3 Warehouse management

Related SDGs



Solutions for the 21st-century city

The planet, demographics and technology are pushing cities towards a true 21-century revolution, making them more inclusive, connected, renaturalized, efficient and clean.

At Urbidermis we are mindful of smart mobility, technological disruptions and new urban sociologies. We work to develop products for new biocities.

Greening cities

Autónoma Planter

We have developed a family of self-sufficient planters connected to a cloud platform with built-in sensors, a water tank and self-irrigation systems. We address three of the greatest barriers to having a necessary, dense and healthy green infrastructure in cities: (1) adapting to the specific needs of each plant; (2) maintenance costs; and (3) efficient consumption of irrigation water.

Decentralizing energy production

Palladio Canopy

As part of our efforts toward energy neutrality in urban and corporate mobility projects, we have developed a modular canopy that produces sustainable energy. It is adaptable to each project's approach and able to withstand bad weather.



Reduce our environmental impact

01 Suppliers

At Urbidermis we outsource all our industrial production to a extensive network of suppliers. We develop our products at Parc de Belloch, to be manufactured locally, near the end users in Spain and in other parts of the world.

In Spain, 87% of our suppliers are located under 200 km from our headquarters.

87%
of our suppliers
are located less than
200 km from our
headquarters

We have excellent license partners in North America (LandscapeForms), Australia, (Landmark) and New Zealand (Fel Group). They produce locally under licensing agreements, allowing us to reduce the environmental impact of transporting raw materials and products.



Suppliers code

In 2021, we published the "Suppliers Code" (SC) which lays out and defines our standards of social and environmental responsibility. Our intention is to guide and support our suppliers through a gradual adoption of the values of the SC as a way to reduce our overall impact.

We are committed to only working with suppliers who fulfill at least the basic level for 2023.

[Download our Suppliers Code](#)

02 Packaging and logistics

Good design takes into account the entire life cycle of a product, which includes making sure that shipping and transport are safe and as low-impact as possible. We design products that can be flat-packed to optimize the volume of packaging required, prioritizing the use of wood and cardboard. We aspire to completely eliminate single-use plastic by 2025.

We are currently working on (1) gathering information about the use of our shipping materials to detect areas of improvement; (2) exploring alternatives to single-use plastic; and (3) studying how to replace printed instructions with QR codes.

With the goal of reducing our carbon footprint, we are working to ensure efficient routes to reduce how far raw materials and products have to travel between suppliers and warehouses.

In 2021, they traveled an average of 251 km a day with an associated footprint of 130.08 kgCO₂ eq. Our goal is to continue optimizing routes and offset our impact.

20%

of products free from single-use plastic

-250 kg

of cardboard in 2021 despite delivering more products

03 Warehouse

We monitor our water and energy consumption to identify and reduce our impact. This year, **we were able to reduce our electricity consumption by 21%.**

And despite shipping more products, **in 2021 we reduced our waste by 12%.**

-21%

reduction in our electricity consumption

-12%

reduction in waste generated in 2021

Move towards the circularity of our products

01 Materials

Wood from sustainable forests

Wood is a natural and comfortable material that is pleasant to the eyes and to the touch. If managed correctly, it has a positive ecological balance and generates social and environmental benefits.

We use wood from sustainable sources: *Erythrophleum ivorense* with 100% FSC certification (License FSC-C009370) for tropical wood, and heat-treated *Pinus sylvestris* with 100% PEFC certification (License PEFC/14-35-00487) for European wood.

Recycled and recyclable aluminium

Aluminum is a material that is lightweight, corrosion-resistant, highly malleable, low-maintenance and 100% recyclable material.

In urban lighting the aluminium used in extrusion is over 34% recycled, and

in die-cast elements it is over 92%. In furniture, castings contain over 67% recycled aluminium.

Recycled and recyclable steel

Steel is a very strong, ductile and malleable material. There are many treatments and processes available to increase its strength or create corrosion-resistant alloys.

We use steel made from 20% recycled material.

93%

of the wood we use is 100% FSC or 100% PEFC

92%

of recycled aluminium in die-cast luminaires

67%

of recycled aluminium in furniture



Member of Cradle to Cradle since 2009

The Urbidermis catalog has the world's only outdoor benches and stools that are **Cradle to Cradle** certified.

Cradle to Cradle Certified® provides the framework to assess the safety, circularity and responsibility of materials and products across five categories of sustainability performance:

- 01 Material health: Ensuring materials are safe for humans and the environment.

02 Product circularity: Enabling a circular economy through product and process design.
- 03 Clean air and climate protection: Protecting clean air, promoting renewable energy and reducing harmful emissions.

04 Water and soil stewardship: Safeguarding clean water and healthy soils.

05 Social fairness: Upholding human rights and applying fair and equitable business practices.



18%
of our furniture
catalog is
Cradle to Cradle

86%
of the new
furniture products are
Cradle to Cradle certified
in 2021

2009
NeoRomántico
Liviano aluminum

2019
NeoRomántico Clásico
+ NeoRomántico Liviano
aluminum and wood

2021
Inner

2021
Harpo

2021
Perisphere



02 Quality

We invest in complying with the strictest product standards and certifying best practices throughout the production chain. We work to continuously improve the quality and durability of our products with the goal of completely eliminating problems in shipping (5%) and receiving purchases (3%).

ISO 9000

Guarantees the implementation and compliance of a Quality Management System (QMS).

ISO 14001

Certifies the adoption of a responsible Environmental Management System to optimize the management of resources and waste and reduce the negative environmental impacts of our business.

WRAS

Certifies the quality and safety of water and promotes efficient management.

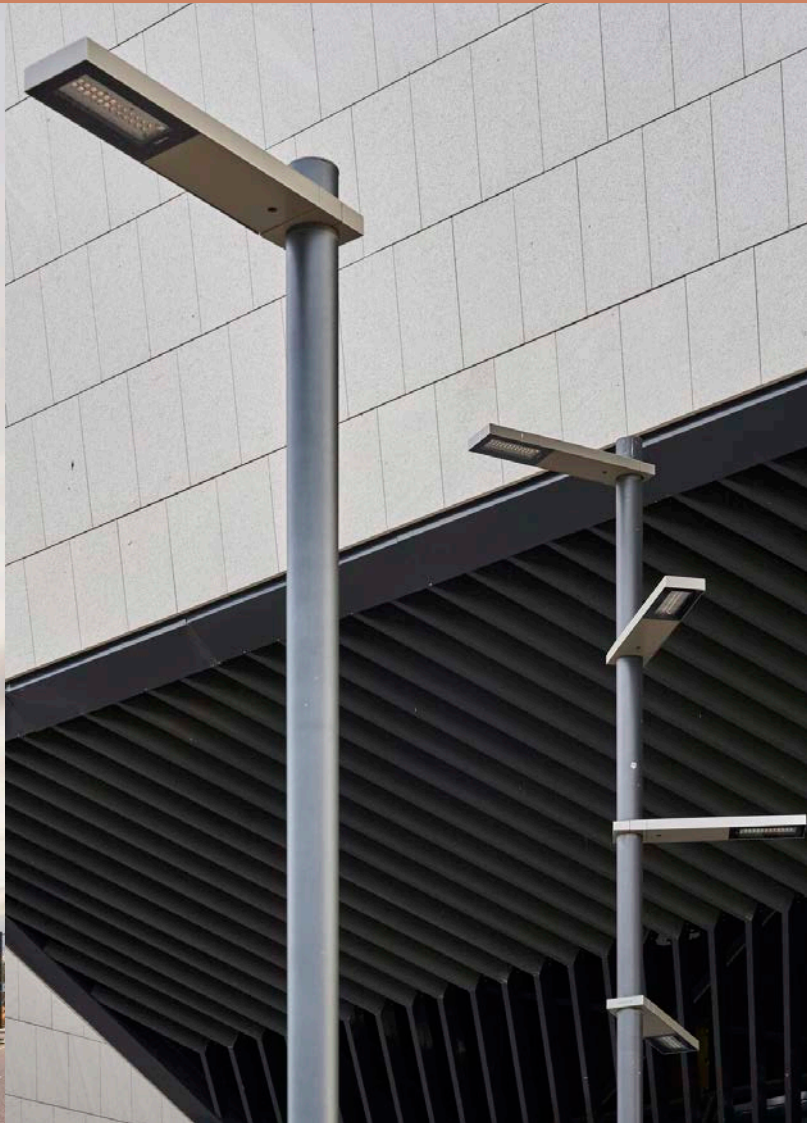


Retrofit Program: General de Villalba University Hospital, Madrid

Our Retrofit Program updates luminaires to LED technology to optimize streetlight performance: power adjustment, energy savings and increased useful life (over 100,000 hours).

This year, we have replaced 113 streetlights at Villalba General Hospital (Collado Villalba, Madrid), a facility that is part of the public health network and serves over 100,000 patients.

We cut the installed power in half and designed a schedule to reduce power in the middle of the night, adapting the amount of light emitted to only what is required and generating annual energy savings of 70%.



Preserve cultural heritage and promote knowledge transfer

01 Partnerships

We demonstrate our commitment through official membership in sustainability projects. We also participate and work regularly with institutions, business groups and associations.

Sponsors of:

- 01 FAD (Fostering Arts and Design, industrial design association)
- 02 BCD (Barcelona Center of Design)
- 03 AEP (Spanish Association for Landscape Architecture Professionals)
- 04 ACPET (Catalan Association of Marinas and Tourist Ports)

Academic collaborations with:

- 05 ETSAB (Barcelona School of Architecture)
- 06 EINA (University of Art and Design of Barcelona)
- 07 ELISAVA (Barcelona School of Design and Engineering)
- 08 ESADE (Business School)

Members of:

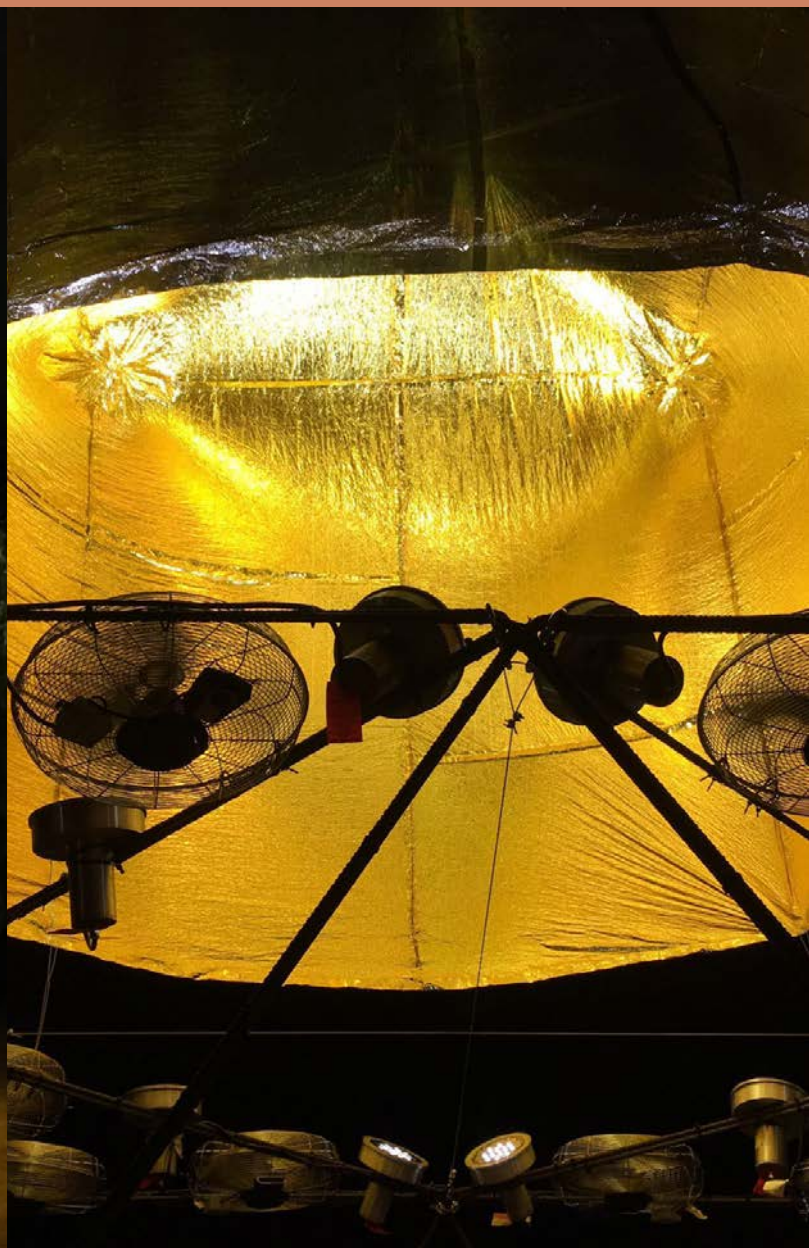
- 09 European Forest Institute
- 10 Barcelona Global
- 11 LAF (Landscape Architecture Foundation)
- 12 CEISP (Spanish Lighting Committee)
- 13 ANFALUM (Spanish Association of Lighting Manufacturers)
- 14 AIDIME (Technology Institute)

Llum BCN

In partnership with ETSAB-UPC

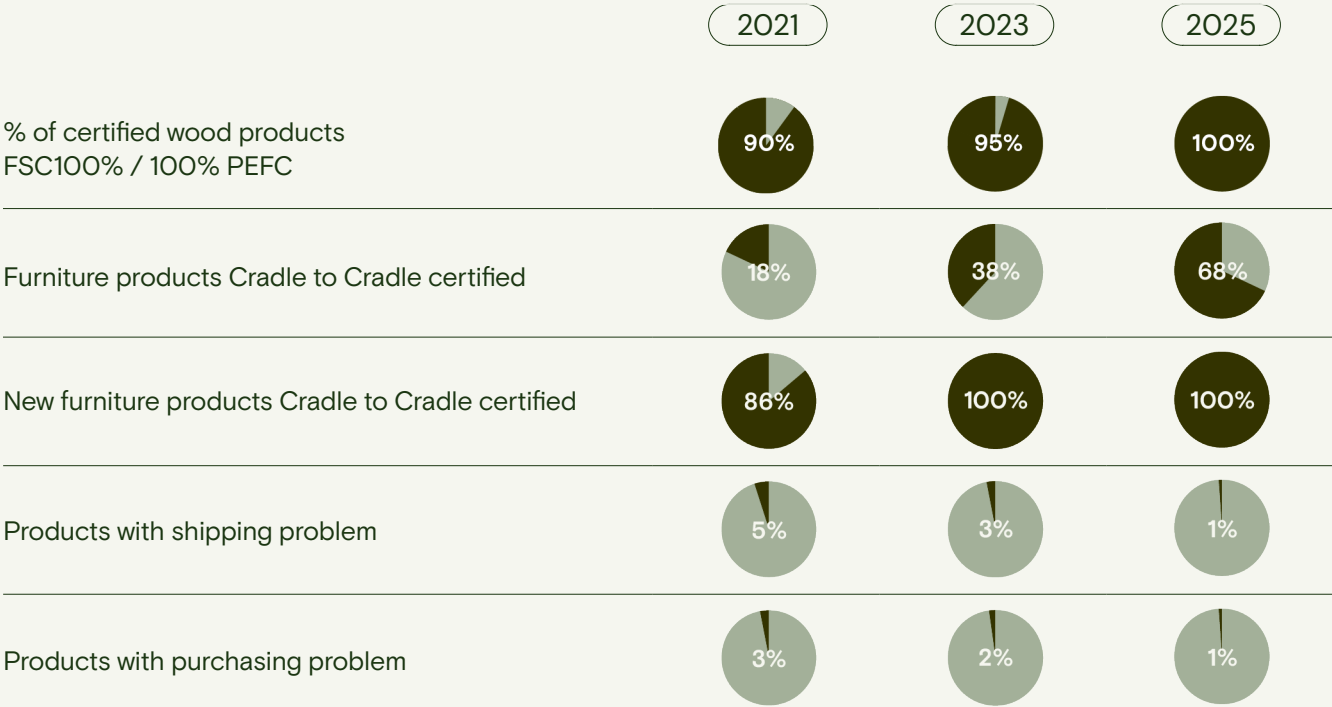
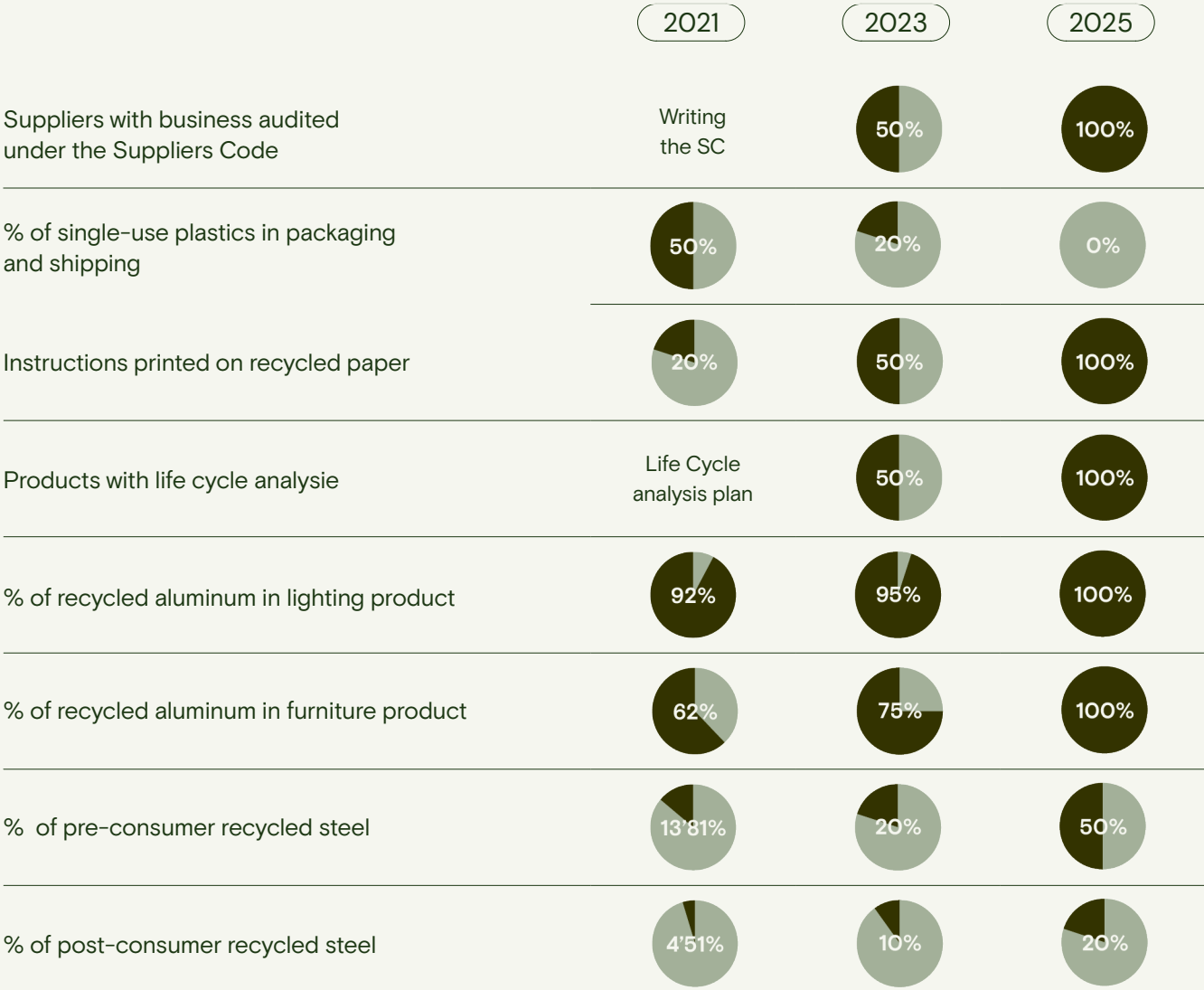
This year we once again partnered with ETSAB-UPC students at the “City of Light” event. The students presented the “Flux” installation, a structure covered in a material that reflected and refracted the light, allowing spectators to experience it as an object and space.

The Arne and Arne S floodlights were programmed to create different scenes, giving light, rhythm and meaning to the installation.



Targets

In our Responsibility Plan we establish short-, medium- and long-term targets that we will audit annually through this report.



Tree Nurseries Belloch Forestal



Our nursery has been conceived to provide woodland and urban plant elements, selected using well-reasoned criteria backed by empirical experience, and with a holistic perspective on the best choices for urban forestry. The Belloch Forestal catalog uses careful selection criteria that cover flexibility, resilience and adaptation, green infrastructure, human health, efficiency and pollutant capture.

Our goal is to promote the transformation of our cities into greener spaces that provide environmental richness and shelter for urban biodiversity.

Global target	Reduce our environmental impact	Move towards the circularity of our products	Water self-sufficiency	Sustainable management of the Parc de Belloch ecosystem	Preserve cultural heritage and promote knowledge transfer
Areas of improvement	01 Sustainable mobility 02 0% Plastics policy	01 KMO Substrate 02 Selecting new warm-climate species 03 Tree donation	01 Efficient irrigation	01 Biocides and Pest control 02 Fertilizers	01 Partnerships
Related SDGs	<div><div>3GOOD HEALTH AND WELL-BEING</div><div>7AFFORDABLE AND CLEAN ENERGY</div><div>11SUSTAINABLE CITIES AND COMMUNITIES</div><div>12RESPONSIBLE CONSUMPTION AND PRODUCTION</div><div>13CLIMATE ACTION</div><div>15LIFE ON LAND</div></div>	<div><div>7AFFORDABLE AND CLEAN ENERGY</div><div>8DECENT WORK AND ECONOMIC GROWTH</div><div>11SUSTAINABLE CITIES AND COMMUNITIES</div><div>12RESPONSIBLE CONSUMPTION AND PRODUCTION</div><div>13CLIMATE ACTION</div><div>15LIFE ON LAND</div></div>	<div><div>15LIFE ON LAND</div></div>	<div><div>3GOOD HEALTH AND WELL-BEING</div><div>6CLEAN WATER AND SANITATION</div><div>7AFFORDABLE AND CLEAN ENERGY</div><div>13CLIMATE ACTION</div><div>15LIFE ON LAND</div></div>	

Reduce our environmental impact

01 Sustainable mobility

We invest in electric cars whenever possible, aiming to have a fully electric fleet. And we buy machinery that helps

us be more efficient in our processes and reduce the consumption of fossil fuels.

40%

electric vehicle fleet

02 0% Plastics policy

At Belloch Forestal we grow our trees in the **AirPot®** system, which improves their root growth and ensures a better rooting after being transplanted in the city. This singular planter is made from recycled plastic and can be reused.

We have been using the same planters for the last 13 years, allowing us to reduce our consumption of materials.

-13.4 T

of plastic in 2021 thanks to the AirPot® growing system.



Move towards the circularity of our products

01 KMO Substrate

One of the areas of greatest impact in growing trees in planters is the type of substrate used, specifically those made from coconut fiber and peat moss thanks to their high ecological footprint.

That led us to launch a scientific research project with IRTA (Institute of Agrifood Research and Technology) aimed at producing a KMO substrate free from coconut fiber and peat moss. Since July of 2021, we have been able to reduce our impact by replacing coconut fiber with European wood, and we continue our research into how to reduce the use of peat moss.

–131m³

of coconut fiber between July and December of 2021

02 Selecting new warm-climate species

In response to the climate emergency, in 2021 we introduced a new catalog of warm-climate species that ensure greater adaptability and durability in the cities we supply.

Choosing species that are adapted to the environment and specifically selected for urban functions, and growing them under quality standards, is the best guarantee for generating optimal social and environmental benefits and minimizing management and maintenance costs.

03 Tree donation

In 2021, we launched the program to donate aesthetically-challenged trees to local organizations or collectives that work for the common good.

Water self-sufficiency

01 Improvements in efficient irrigation

At Belloch Forestal we aspire to be self-sufficient, so it is essential for us to study and improve our facilities. In 2021, we invested in renovating and improving irrigation pumps, drip nozzles and hoses, **saving 15% on irrigation water per tree compared to 2020.**

-15%

irrigation water per tree
compared to 2020



Management of the Parc de Belloch ecosystem

01 Biocides and Pest control

Thanks to our Integrated Pest Control (IPC) Plan, in 2021 we reduced the use of pesticides and fungicides by 40% compared to 2019. To eliminate the use of biocides, our policy prioritizes taking preventive actions and studying the evolution of the pest before using chemicals.

University of Lleida to research how to promote the retention of auxiliary fauna in our nurseries as a preventive pest-control measure.

We have also launched a study with the

TODAY

Writing 0% Biocides Policy.
Integrated Pest Control Plan

2023

-50% use of Biocides

2030

0% use of Biocides

Management of “weeds” (adventive plants)

We are taking different courses of action to completely eliminate the use of herbicides:

01. A living soil policy, which incorporates practices from regenerative agriculture to eliminate the need for tilling and clearing fields.
02. Studying new techniques to control adventive plants through plant cover or mulch.

Use of ground-cover plants in tree containers to manage adventive plants

Since 2021, we have been analyzing the possibility of covering soils with different ground-cover plants to prevent weeds.

The expected benefits of this study include:

- 01 Elimination of herbicide use
- 02 Less labor required
- 03 Improved biodiversity and pest management
- 04 Cooler substrate in summer
- 05 Promoting ground-cover plants in urban tree grates



02 Fertilizers

We have replaced fertigation with a slow-release granular fertilizer that we add to our substrate. This change allows us to be more careful in our use of fertilizers in containers, reducing the leaching and volatilization of nutrients every time we water.

Through an agreement with a local shepherd, we improve the fertility of our fields and control the growth of herbaceous plants.



Preserve cultural heritage and promote knowledge transfer

01 Partnerships

We work to advocate for more informed decision-making in urban forestry. Despite their high degree of artificiality, cities are an ecosystem with specific requirements and conditioning factors — and their trees are valuable and necessary. That is why we research, discuss and share knowledge with our channels.

Articles

We invite you to explore our corporate website where you will find different reflections on the importance of urban forestry that we invite you to explore.

Chats and visits

We encourage universities and urban professionals from across the world to visit our nurseries. We also participate in discussions and seminars on urban forestry.

Research projects

We promote and join scientific research projects that analyze the current state of our cities and sustainable soil management. We want to improve our present and ensure a better future for the generations ahead.

Canon de Belloch

Reasoned catalog of urban trees

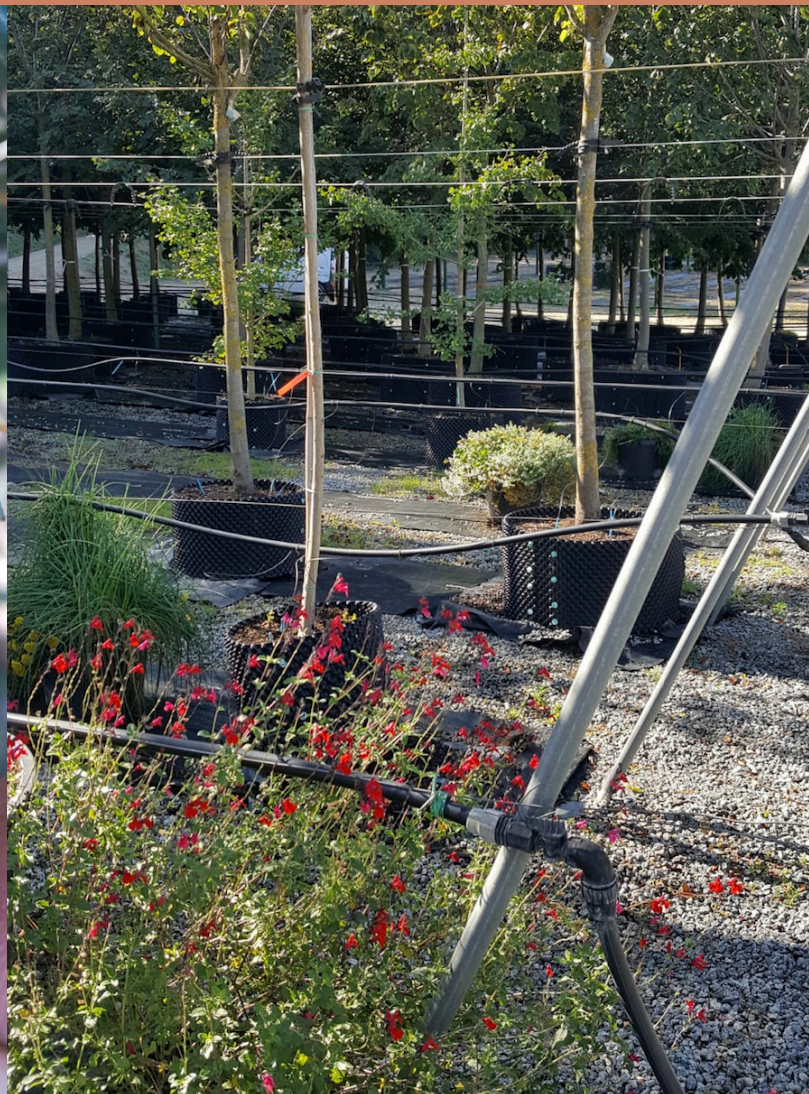
Aimed at determining the best trees for cities with a Mediterranean climate from a holistic perspective.



Biological Control of Aphids in Green Areas: From the Nursery to the City

We have launched a study to analyze which plants are associated with the predators of one of the city's most common pests: aphids. We plant species that attract the aphid's natural predators to increase biodiversity and biologically control conservation.

In partnership with the [Agrotecnio](#) research center, the pest management company [Adalia](#) and the [Malgrat de Mar](#) Municipal Government, and financed with Cooperation for Innovation funds from the Catalonia rural development program, we have created a Task Force to promote urban fauna.



Our culture



We responsibly offer safety, health and equity to all our people. We have a Social Responsibility Plan focused on promoting the physical, mental and emotional wellness of our workers.

01 We promote health and wellness

Parc de Belloch is a unique place to enjoy the natural environment. We invest in actions to enhance this relationship with nature, either through sports practices at the facilities or **giving fertile land to our workers to grow their own gardens**.

Improvements made in 2021:

- | | |
|---|--|
| 01 Installation of the Palladio Pergola in the parking lot, with more shaded and electric spaces. | 03 Replacement of vending machines with a Mini Market selling healthy seasonable products. |
| 02 Renovation of the cafeteria to promote a good collaborative work environment. | 04 Creation of a gym. |



02 We promote learning and knowledge

We support personal growth through training programs and facilitate work-life balance. We finance 33% of study costs for workers who undertake education related to their jobs at the company. In 2021, three workers benefited from this program.

We actively collaborate with universities and research centers to promote the development of new knowledge. During 2021, we had 11 student interns working at our companies.

33%
of study costs financed
for workers who
undertake education
related to their jobs at
the company



03 A growing team

A good working environment should guarantee the principles of equality, equity and non-discrimination. We are committed to monitoring, analyzing and adopting the necessary measures that protect workers. Our areas of work and improvement are:

Parity

- 01 Increase the number of women in senior positions and governance bodies.
- 02 Monitor, analyze and correct the salary gap.
- 03 Bring on organizations with expertise in analysis, advising and monitoring of improvements.

Interculturality

- 01 Increase the variety of cultures and nationalities in the offices.
- 02 Create a communication policy that's committed to interculturality.
- 03 Bring on organizations with expertise in analysis, advising and monitoring of improvements.

In 2021, we published the Commitment Letter defining our code of ethics.

60/40

men/women
in the entire group

53/46

men/woman
in Urbidermis
and Belloch Forestal

19

nationalities





Parc de Belloch

Parc de Belloch

Large property of over 200 hectares located 30 km north of Barcelona which we share with other Intramundana group companies.

Parc de Belloch aspires to be a leader in the eco-social transformation, and strives for the three self-sufficiencies: energy, water and food.

Aware of the property's importance as a biological corridor, we are committed to promoting its biodiversity and conservation.

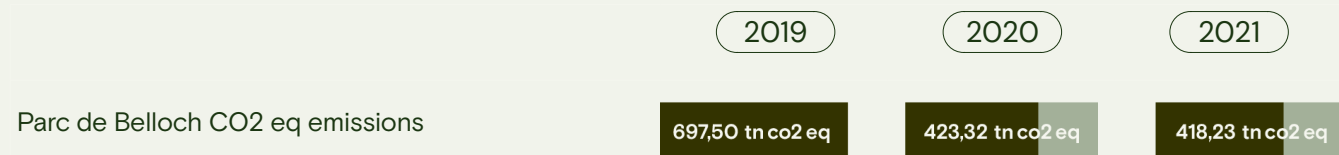
Sustainable
management of the
Parc de Belloch
ecosystem





01 CO₂ Reduction

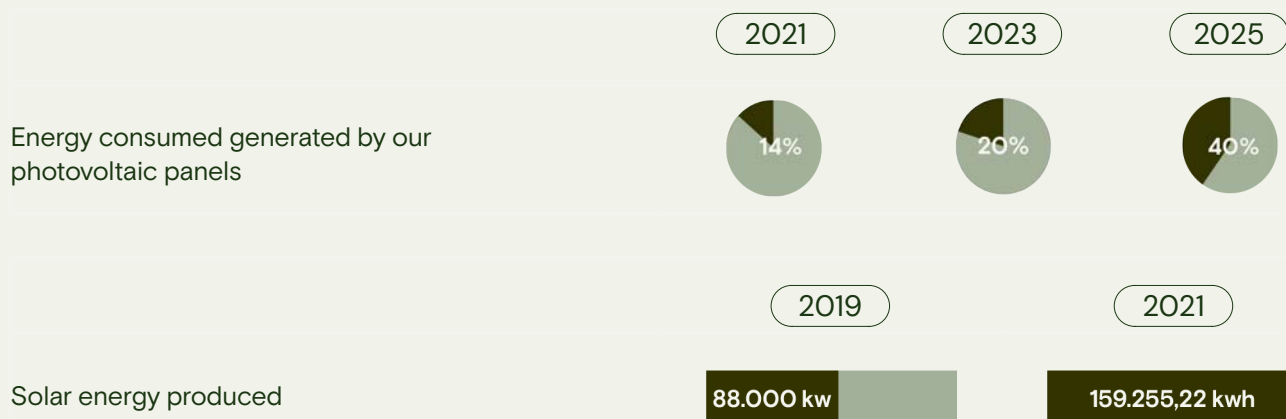
We have reduced our emissions 40% since 2019 and are committed to our offices being carbon neutral by 2025.



02 Water and energy self-sufficiency

Increase energy production

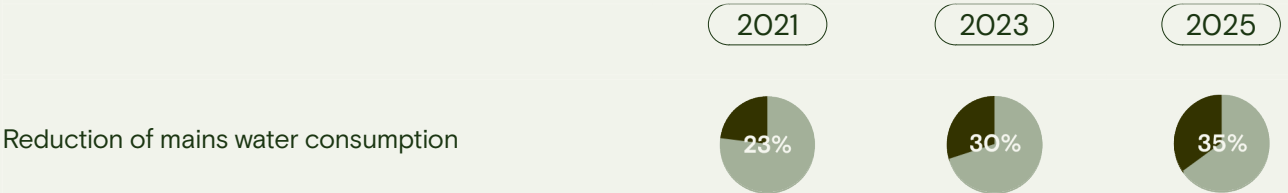
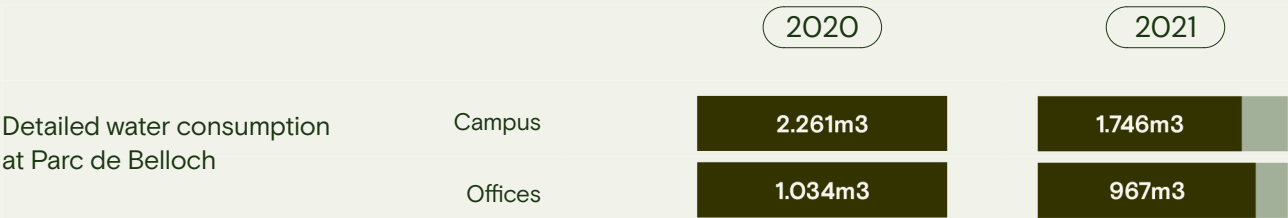
We invest in producing our own energy. Today we have 953 photovoltaic panels that produce 14% of the energy consumed, and we want to increase that figure to 40% by 2025.



Responsible water management

Water is a central focus of how we manage our property. We work to reduce our consumption and improve the infrastructure.

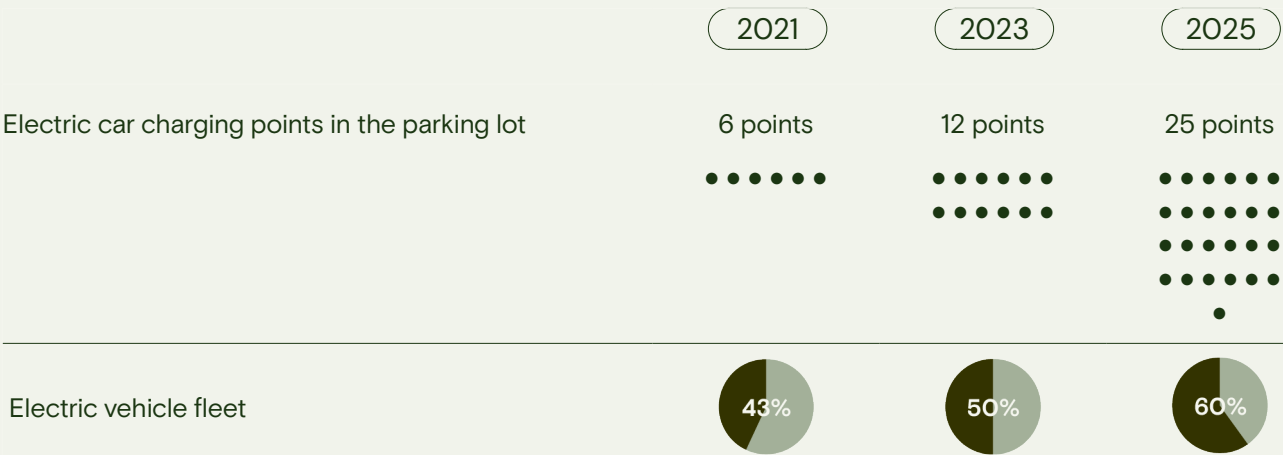
Thanks to efficient use policies and the improvements made in 2021, water consumption has been reduced by 23% on the campus and by 7% per person in the offices.



We have a rainwater collection system that covers the entire campus and an irrigation pool with a capacity of 54,000 m3. Our goal is to double this figure by 2025 for it to be able to hold 154,000 m3 of water.

O3 Sustainable mobility

We promote transport options like car sharing and trains. We also promote the use of electric cars by installing free charging points in our parking lot, and we are investing in a fleet of fully electric vehicles.



04 Biodiversity

We undertake to respect biodiversity in our practices, understanding that local actions have a global impact. We monitor the biodiversity of our property through Citizen Science projects.

In 2021, we took part in the SEMICE project with **30 participants** and **36 sampling points**. Our goal is to increase our participation in new projects.

30

participants

36

sampling points

Filming in Parc de Belloch



Forest management

We have a Sustainable Forest Management Plan that determines the areas of action and procedures to follow in the forest to reduce the risk of fire and harvest trees without diminishing their ecosystemic functioning.

170 ha
of forests managed

15km
of trails managed as
firebreaks in 2021

TODAY

Sustainable Forest Management Plan

2023

Calculation of the increase in CO2
absorption capacity of the forest as a
result of our actions

2025

Auditing, control and improvement of
the actions in our Sustainable Forest
Management Plan

Waste

Thanks to responsible purchasing policies and efficient resource management, and improved waste collection and management system, we have separated 1 T of plastic, 1 T of metal and 4 T of paper and cardboard. Thanks to responsible purchasing policies and efficient resource management, and improved waste collection and management system, we have separated 1 T of plastic, 1 T of metal and 4 T of paper and cardboard.

Renovation of the central building

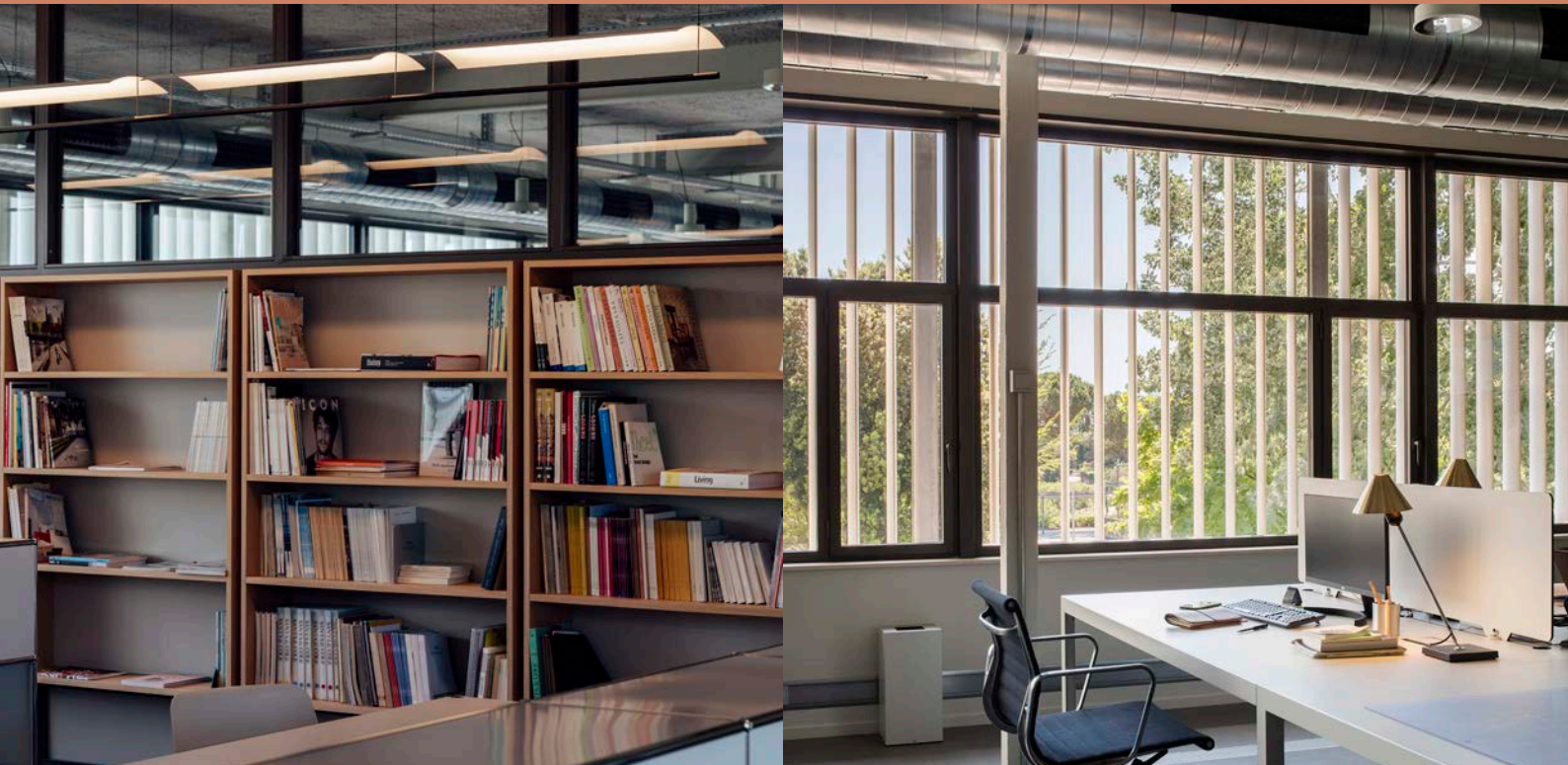
In addition to its valuable environment, Parc de Belloch is home to a group of school buildings in the 1960s Catalan Rationalist style, which house the offices of Urbidermis and Santa&Cole, among others. The original construction dates back to 1965 and was designed by Manuel Baldrich i Tibau.

Aware of the cultural value of the building, the 2021 rehabilitation and refurbishment of the offices respected Baldrich's architecture and preserved its uniqueness.

The main improvements that will result in a major reduction of our environmental impact are:

- 01 Exterior building insulation system on a total of 1,641 m²
- 02 Carpentry insulation of the building with thermal break to reduce energy consumption
- 03 Waterproofing of roofs
- 04 Installation of smart technology to program and adjust the use of lighting to only what is required
- 05 Replacement of streetlights with LED technology for an annual savings of 5,834 KWh
- 06 Centralization of waste collection points by floor





We understand responsibility
as a road built
through dialog and learning.

We are at your disposal
at claudia.nieto@belloch.eu



This is our **Communication on Progress**
in implementing the Ten Principles of the
United Nations Global Compact and
supporting broader UN goals.

We welcome feedback on its contents.

SUPPORTER OF THE

TERRA
CARTA
For Nature, People & Planet