



BIO-DIVERSITY

Responsible
and committed!

15 LIFE ON LAND



- Protect and restore ecosystems
- Support sustainable forest management
- Make the protection and restoration of ecosystems an integral part of our strategic orientations

The construction of a building or motorway, or development of a new neighbourhood has multiple - direct and indirect - impacts on the living world and natural ecosystems. Conscious of these major environmental issues, Bouygues Construction has long since taken into biodiversity into account, first in its infrastructure projects, then in its building projects, and in the 2000s developed a range of innovative solutions to reduce and compensate impacts. Today, the challenge in urban areas is to go further than mere preservation: the Group's projects have the potential to restore ecological continuity, increase species diversity and provide new habitats for wildlife.

In 2012, the Group adopted a formal Biodiversity strategy, shared by all its business lines, aiming to leverage this issue to foster sustainable construction within an approach that creates added value.

In line with our determination to integrate biodiversity into our operations, Bouygues Construction has implemented numerous actions in the field and internalised new technical expertise. Ecologists work with our teams to ensure that Biodiversity is an integral dimension of their projects. At the same time, the Group is in close liaison with organisations with expertise in biodiversity, such as the LPO (League for the Protection of Birds)¹ or Noé².

In 2015, Bouygues Construction's commitment to biodiversity was recognised in the framework of the 2011-2020 National Strategy for Biodiversity.

As the July 2018 signing of our "Act4nature"³ commitments underlined, the Group's Biodiversity approach has now taken on the scale of a real corporate project structured around three ambitions:

- Innovate and strengthen the Group's technical expertise with respect to biodiversity;
- Offer new, appropriate products and services;
- Engage in a collective momentum with all categories of stakeholders.

4 %

BiodiverCity-certified projects in 2018

23 %

of public works projects included commitments to biodiversity in 2018

Measures in favour of biodiversity featured in

31 %

of our building activity in 2018



"Reintroducing nature to urban areas is not only a response to a growing social demand, it also provides valuable ecological services: from regulating rainwater, reducing the heat island effect and atmospheric pollution to benefitting pollination, vegetable gardens, and so on.

In the context of the sixth mass extinction of species, the bond between humans and nature is more than ever in need of strengthening! This is why urban biodiversity is at the heart of our property development projects, and the preservation of ecosystems is at the heart of our infrastructure projects."

Anaïs Duperron

Manager, Biodiversity Strategy

1 www.lpo.fr

2 www.noe.org

3 www.act4nature.com



OUR SOLUTIONS

1 - BiodiverCity® certification

Developed by the IBPC (International Biodiversity Property Council), of which Bouygues Construction is a founding member, BiodiverCity® is the first international certification to take into account biodiversity in real estate construction and renovation projects. Based on an innovative approach that embraces the living world and construction, it aims to promote the design and construction of a new approach to building that sets aside significant space for nature within urban areas. The Group may be assisted in its BiodiverCity® projects by ELAN ecologists, or internal project managers, who actively contribute to developing improved standards.



2 - Ecological engineering

Bouygues Travaux Publics (Bouygues Public Works) has created an internal team to specialise in biodiversity issues. Its ecologists ensure that infrastructure projects include appropriate environmental measures. Their expertise ranges from managing invasive species to creating or restoring natural environments such as ponds and wetlands, or designing and developing ecological structures for the passage of wildlife. A real asset for our projects!



OUR ACHIEVEMENTS

MONACO, MARINE SUBSTRATE

Built between two protected areas - the marine reserves of Spélugues and Larvotto - the extension of the Anse du Portier eco-district is encircled by 18 huge reinforced concrete caissons. Bouygues Construction's Research and Development teams designed features to turn the submarine part of this project into a true marine ecosystem. The outer surfaces of the caissons were equipped with specially shaped structures using materials to encourage colonisation by marine wildlife. Before work started, teams of scientists intervened to move protected species away from the area affected by the project. During the work, a range of specific protection measures ensured the construction site's impact on biodiversity was kept to a minimum: sound insulation, turbidity curtains, ecosystem monitoring, the eradication of "caulerpe" - an invasive algae, and a cleaning operation in the Spélugues reserve by specialist divers, etc.



CUBA, A NATURAL HOTEL⁴

Built on an island, the San Augustin hotel is our first overseas BiodiverCity®-certified project. Great care was taken to limit the impact of work and to ensure that buildings integrate perfectly into their environment. An essential element of the hotel design is also biodiversity - it features a Cuban vegetable garden, a rock garden, an educational trail, and a lagoon observatory.