



LAFARGEHOLCIM'S INDIVIDUAL COMMITMENTS IN *act4nature*

Our plan for 2030: Building for tomorrow

In the context of urbanisation and its increasing impact on the planet and its inhabitants, the group is developing innovative construction products and solutions which embody a strong commitment to sustainable development.

These commitments, combined under the 2030 Building for Tomorrow plan, address 5 objectives:

- **Innovation:** achieving 1/3 of the group's turnover thanks to particularly efficient solutions in terms of sustainable development.
- **Climate:** reducing our 2030 CO₂ emissions per ton of cement by 40% compared with 1990 levels.
- **Circular economy:** multiplying by 4 our volume of recycled aggregates from construction and demolition waste.
- **Water & biodiversity:** reducing the use of water on our sites, starting with those located in areas impacted by water scarcity, and fostering positive change in terms of biodiversity.
- **Populations & communities:** promoting equality and diversity at all levels and reaching our zero-accident goal in the area of health and safety.

LafargeHolcim, a pioneer in biodiversity

Conscious of its role in the conservation of biodiversity on its sites, LafargeHolcim draws on 50 years of know-how in reclaiming its quarries and putting biodiversity at the forefront during and after operations.

At the beginning of the 70s, the group adopted several measures which predated regulations in terms of biodiversity in France, Kenya and the United Kingdom.

In the 80s, more and more partnerships were formed with local natural science organisations.

In 1992, at the Rio Summit, the group signed a convention on biological diversity. In 1995, a partnership with the French National Museum of Natural History has been concluded to increase its knowledge of living things on quarry sites.

In 1999, Lafarge and Holcim created a cement initiative for sustainable development aiming to reduce the environmental impacts of their activities.

In 2000, Lafarge became the first manufacturing company to partner with the World Wildlife Fund, a collaboration that namely led to the creation of the long-term biodiversity index (IBL) on its quarries.

In 2009, in the U.S., a first study took place to analyse and assess the value of services which ecosystems provide to businesses.

The partnership with the IUCN started in 2007 guided the biodiversity approach in France for several years.

In 2012, the Ministry of Environment recognised LafargeHolcim's commitment to the National Biodiversity Strategy. In 2017, LafargeHolcim signed an agreement with the NGO Fauna & Flora International (FFI).

A long-term biodiversity strategy for France

In 2010, the environmental study conducted in France in collaboration with the WWF revealed that several quarries were located in or near (500m) priority biodiversity areas. These sites are within international protection areas such as IUCN categories I to IV, national parks, IBAs and Natura 2000 areas.

Today, 94.1% of our quarries located in priority zones are exploited according to a biodiversity management plan.

By 2030, 100% of these quarries will be managed with a plan.

In France LafargeHolcim is engaged in a continuous improvement process in terms of biodiversity management and developed an action plan for its 400 sites (cement, aggregates, concrete). In our business lines, access to mineral resources is a priority, and our first steps to foster biodiversity were focused on the quarries.

The company is now expanding its actions to **limit the impact of its activities on biodiversity at each step of the value chain.**

The biodiversity strategy revolves around three axes, all with the common denominator of monitoring negative impacts on biodiversity:

- Understanding the biodiversity around us (**Axis 1**).
- Mobilising and involving employees (**Axis 2**).
- Co-creating and collaborating with external stakeholders (**Axis 3**).

LafargeHolcim France's commitments to biodiversity

LafargeHolcim undertakes a number of actions related to biodiversity. The main ones are presented here to give concrete examples of our commitment.

1 Knowing and understanding the biodiversity around us

LafargeHolcim commitments	Goals	Timeline	Indicators	act4nature
Integrate biodiversity in our products life cycle analysis.	Analysing the impacts of concrete on biodiversity.	by 2019	Biodiversity footprint of concrete.	1, 2, 3, 4 and 5
Inventorying biodiversity on our sites.	Fauna & Flora inventory on 100% of our sites.	by 2030	Number of sites having inventoried biodiversity.	
Rolling out Biodiversity Action Plans (BAP) on our sites.	100% of sensitive quarry sites to have a BAP.	by 2020	Number of sites with a biodiversity action plan.	

2 Mobilising and involving our employees

LafargeHolcim commitments	Goals	Timeline	Indicators	act4nature
Displaying biodiversity posters on our sites.	Display on 100% of the sites.	by 2025	Number of sites with a biodiversity display showing biodiversity actions.	1 and 8
Funding voluntary actions focused on biodiversity on our sites.	Initiating 10 voluntary projects per year.	by 2020	Number of voluntary actions performed.	
Training and informing the employees on the importance of ecosystems and how to reduce the negative impacts of our work.	100% of employees informed.	by 2030	Percentage of employees informed per year.	

3 Co-creating and collaborating with external stakeholders

LafargeHolcim commitments	Goals	Timeline	Indicators	act4nature
Participating in research programmes applied to the ecology of the sites.	Supporting at least one major research project on biodiversity every 5 years.	by 2022	Research project.	1, 2, 6, 7, 9 and 10
Continuing to establish partnerships with local experts.	100% of our sensitive sites to benefit from partnerships with local experts.	by 2030	Number of sensitive sites with a local biodiversity partnership.	
Communicating about biodiversity on our sites internally and externally.	Publishing at least 6 articles per year on biodiversity.	starting in 2018	Number of articles per year in internal and external communication.	
Participating in the National Biodiversity Strategy (SNB).	Validating SNB renewal.	2019	SNB label	