

How does Solvay STAND FOR BIODIVERSITY?



Solvay has set out to reduce its pressure on biodiversity by

30% before 2030.

But how are we part of the problem? How do we aim to deliver on this promise? Follow the guide.

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Re-evaluating our impact

Nobody can truly protect the Earth's ecosystems without doing some soul-searching. And that applies to Solvay, too. We started looking at our local impact on biodiversity in 2018 and uncovered four areas in which it needs to be reduced.

Soil acidification

Industrial activities emit sulfur and nitrogen gases, causing acid rain. This damages biodiversity, and Solvay is committed to preventing it

Climate change

Solvay has cut its greenhouse gas emissions but still contributes to global warming.

Water eutrophication

Industrial production can discharge effluents like phosphorus and oxidizable pollutants in water. Solvay aims to improve its processes to avoid this.

Marine ecotoxicity

Some chemicals have toxic effects on marine ecosystems. Solvay aims to ensure that their concentration near production sites is low enough to cause no adverse effects.

How can we do better?

Solvay has four key priorities to improve its manufacturing practices.

Improving product assessment methods

We want to go beyond life assessment (LCA) methods to factor in biodiversity-specific criteria, to achieve third party certification, and to fully integrate our methods of scientific organizations like UNEP and the CDC.

Reducing impact at supplier and customer level

This calls for strong partnerships, some of which are already being considered.

Working locally

We want to reduce our impact near manufacturing sites. We are, for instance, working with partners like the Wildlife Habitat Council on specific restoration projects.

Raising awareness

All Solvay employees should know about biodiversity issues, so that they can help us devise better solutions.

DID YOU KNOW?

55% of Solvay sites are within 5km of a protected area (IUCN management category)

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Need a few examples?

Solvay sites and employees all across the world are already doing their part to protect ecosystems.

Cuchia (Spain)

This former quarry close to a Solvay site has become a natural reserve for hundreds of birds and small mammal species. See the [video](#) produced by Solvay employees to raise awareness on the beauty of the site and contribute to safeguarding it.

Paulinia (Brazil)

Two rivers cross this 16 million m² site in the Atlantic Forest, home to a vast range of wildlife species. Our actions there consist of reforestation, riverbank recovery, a fish ladder allowing fish to migrate for breeding purposes, and educational activities.

Lyon (France)

In 2018, a Solvay employee installed 12 beehives close to the RIC-Lyon research centre and has been taking care of them ever since. But that's not the site's only. It is also home to rare orchid species protected by equally passionate colleagues of ours.

And of course...

The Citizen Day 2021! Actions will provide Solvay employees with an opportunity to have a positive impact on conservation programs, both individually and collectively.

Coming together for NATURE

11- 16 October 2021

