



Progress beyond

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.

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

Solvay has cut its greenhouse gas

Climate change

emissions but still contributes to global warming.

eutrophication Industrial production can discharge effluents like

Water

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.

Solvay has four key priorities to improve its manufacturing practices.

How can we do better?

Imroving product assessment methods

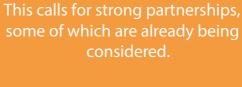
scientific organizations like UNEP and the CDC.

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



Reducing impact at

supplier and customer

level

SOLVAY ONE PLANET

the Wildlife Habitat Council on specific restoration projects.

We want to reduce our impact near manufacturing sites. We are, for

instance, working with partners like

Working locally

DID YOU KNOW?

they can help us devise better

of Solvay sites are within 5km of a

protected area (IUCN management category)

Raising awareness

All Solvay employees should know

about biodiversity issues, so that

solutions.

Need a few examples? Solvay sites and employees all across the world are already doing their part to protect ecosystems.

Cuchia (Spain)

educational activities.

Paulinia (Brazil)

Two rivers cross this 16 million m2 site located 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

Lyon (France)

In 2018, a Solvay employee installed 12 beehives close to the RIC-Lyon research centre and has been taking care of

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.

And of course...

The Citizen Day 2021! Actions across the world will provide Solvay employees with an opportunity to have a individually and collectively.

them ever since. But's that's not the site's only wonder: It is also home to rare orchid species

protected by equally passionate colleagues of ours.

Coming together for NATURE

11-16 October 2021





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