

## Arkema's individual commitments to act4nature international

In a world facing numerous economic, environmental and social challenges, Arkema strives to pursue sustainable and responsible growth of its activities and to address the planet's social and environmental issues. In particular, the Group aims to bring its customers high performance, innovative and sustainable solutions contributing to the Sustainable Development Goals (SDGs) defined by the United Nations.

Arkema has long been committed to reducing the environmental footprint of its production processes. The Group is working to protect biodiversity and help preserve fauna and flora by reducing its industrial facilities' effluent releases into the air, water and soil.

Convinced of the importance and urgency of taking biodiversity into account, the Arkema Group is stepping up its initiatives in its favor by announcing its commitments with act4nature on a global scale

These commitments have been defined on the basis of the most significant impacts on biodiversity for Arkema throughout the value chain.

Value chain	Issues	Individual commitments	Common Commitments
Industrial sites	Preserving local fauna, flora and all species that could be impacted by emissions from the Group's activities	Acting on the main pollutants with a local impact: reducing our emissions of volatile organic compounds (VOCs) into the air and COD <sup>1</sup> into water in 2030 by 65% and 60% respectively in intensity compared to 2012 at sites representing 80% of the Group's emissions	5
	Taking part in global action to mitigate greenhouse gas emissions and protect biodiversity	Acting on pollutants with a global impact: reducing our GHG emissions by 38% in absolute terms in 2030 compared to 2015, i.e. a scopes 1&2 + ODS <sup>2</sup> SBT objective on a trajectory well below 2°C	5
	Designing biodiversity-friendly facilities	From 2021, strengthen the consideration of biodiversity in our industrial investment processes in 100% of development projects from the first design phases: integration of this issue in particular for the main pollutants GHG, VOC and COD	4
Upstream	Continuing the development initiated in 2015 of our responsible castor-oil supply chain <sup>3</sup> that takes biodiversity into account	Thanks to the Pragati project dedicated to responsible castor-oil crop in India, increase the number of trained and certified farmers from 4,600 to 7,000 by the end of 2022, in particular for the reasonable use of fertilizers and irrigation water  → <a href="#">Read more</a>	9
Downstream	Taking biodiversity into account in the responsible management of our solutions offering	Through our ARCHIMEDES program, assess the entire portfolio of Arkema solutions for sustainability by 2024 using a methodology that takes ecotoxicity into account	3 and 4
Stakeholders	Engaging employees in biodiversity issues	Raise employee awareness of biodiversity: annually with digital tools at all sites, especially during the annual World Environment Day event, and by 2025 with presentations at a minimum on sites with more than 60 people	8
	Listening to and entering into a dialogue with our stakeholders on the theme of biodiversity	Ask our stakeholders about biodiversity in 2022 and at least every three years during the materiality assessment exercise  As part of the « <a href="#">Common Ground®</a> » approach, encourage our industrial sites to intensify their actions in favor of biodiversity with neighboring communities	2 and 9

1 **COD**: Chemical Oxygen Demand, an indicator of the oxygen available for the maintenance and development of aquatic species

2 **ODS**: Ozone Depleting Substances, greenhouse gases included in the Montreal Protocol

3 **Castor oil**: Arkema is a leader in castor oil-based chemistry, in particular with biosourced polyamides, for which a new production plant is under construction and scheduled to start up in 2022.

