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<https://www.bayer.com/en/position-biodiversity.aspx>

BAYER FRANCE'S INDIVIDUAL COMMITMENTS IN *act4nature*

Bayer is an International and European enterprise with core competencies in the life science fields of health care and agriculture. Bayer France groups Bayer's activities in France and upholds its social, societal and environmental values.

Bayer France's current turnover is split between the human health (59%), crop protection (38%) and animal health (3%) businesses.

International Actions

Bayer's global objectives, commitments and actions are presented in its annual global report, the 2017-2018 version of which has just been released. This report complies with the GRI 4 standards and is available for consultation, as well as its previous versions⁽¹⁾.

Historically, Bayer has been an active participant in the United Nations Global Compact since 2000. Bayer is also a signatory of international covenants including Responsible Care, and is a member of the World Business Council for Sustainable Development (WBCSD), of the PSCI Initiative as well as numerous organizations working on the three pillars of sustainable development.

Bayer supports the United Nations Sustainable Development Goals, in particular Goals 2 (No hunger) and 3 (Good health) which are at the core of our «raison d'être»⁽²⁾. Furthermore, in order to assess our commitments, we submit our activities to the various internationally recognised indexes such as the Dow Jones Sustainability World Index (since 1999), the FTSE4 Good Indices (since 2001), the MSCI (Bayer is listed in the MSCI Global Low Carbon Target Indexes), CDP and CDP Water, Access to Medicine Index (since it was set up in 2008), Access to Seeds Index (2016)...

National Actions

In France, Bayer has been a member of EpE since 2010, a signatory of the Responsible Care Charter, with actions for which Bayer France has been recognised with UIC awards. Furthermore, we are member of LEEM (the association of pharmaceutical companies) which has also recognised our CSR actions.

In order to highlight our high standard of environmental care while producing solutions for the market, our Marle and Villefranche plants hold ISO 14001 (environmental management), ISO 50001 (energy management) and

OHSAS 18001 (health and safety management) certifications. This standard was extended to our suppliers both through a charter launched back in 2009, and through audits within the TFS (Together For Sustainability) group.

In order to limit environmental impact, and in a move that goes beyond our obligations, we have our tertiary sites audited and certified by the international certification BREEAM-in-use, which covers nine fields including energy, water, waste, ecology, and others; these sites are home to approximately one thousand workers and receive numerous visitors. In particular, we have had an ecology study performed on each of our certified sites.

We actively contribute to all cross-professional activities, and have supported the establishment of eco-organisms to help in both the collection of non-used medicinal drugs (Cyclamed) as well as the recovery of agricultural packaging (Adivalor). We thus work as active partner with a dozen of these eco-organisms (including training and awareness-campaigns among our employees).

In parallel with steps to support biodiversity, such as developing solutions including phytobacs (4,500 installed in France, with 650 phytobac experts)⁽³⁾, the subject of pollinators and bees in France has also mobilised Bayer's efforts with concrete proximity actions. In particular we support new solutions and innovative practices over a network of eight forward farms⁽⁴⁾. A beekeeper/farmer commitment charter launched on these farms has served, for example, as the basis for discussion during beekeeping awareness workshops led jointly by a Bayer Sustainable Agriculture Engineer (SAE) and a local beekeeper. These workshops are offered by Bayer to its clients throughout France and help share best pollinator-friendly agricultural practices among farmers.

Furthermore, since 2015, Bayer has been monitoring beehives with electronic scales placed under the hive. This collaborative monitoring involves a farmer, a beekeeper, a partner (cooperative, distributor, producer association) and a Bayer SAE. Beehive activity may be appraised directly thanks to the measurement of weight variations. Thus, the farmer can determine whether the bees are foraging with a view to adapting the time when the treatment can be applied minimising any risk for the colony. Over 80 experimental scales have been installed to date.

Bayer Commitments

- To carry out a Bayer France materiality matrix in the course of 2018 involving a panel of French stakeholders, in order to prioritise challenges, expectations, and biodiversity positioning. This analysis will be shared in the annual Sustainable Development Report for France published in 2019.
- To carry out a global survey to identify all biodiversity initiatives carried out or to be carried out by Bayer. All inventoried initiatives both globally and in France will be published.
- To develop, at global level, new biocontrol solutions for sustainable or organic agriculture. To this end, we shall continue investing €120 million in R&D globally on a yearly basis. Bayer France undertakes to offer 15% of biocontrol solutions to French farmers by 2025.
- After purchasing the Monsanto group, Bayer will pursue its transparency process by publishing summaries of our studies on crop protection products.⁽⁵⁾
- In the context of the launch of Polyvar Yellow®, the solution developed by Bayer to effectively fight against the varroa mite, Bayer France undertakes to train beekeepers in its optimal use and to assess the use and effectiveness of the product.
Similarly, we shall offer to collaborate with beekeeper associations in order to further the fight against this scourge.
- Each year, in France we undertake to:
 - conduct some ten agricultural awareness-building workshops on best practices needed to preserve pollinators;
 - make available approximately one hundred connected scales spread throughout France by late 2019;
 - hold ten annual "auxiliary fauna" training events for farming audiences.
- Certifications in France:
 - To maintain certifications or equivalent certifications of our industrial sites directly or indirectly linked with biodiversity.
 - To maintain certifications or equivalent certifications of our tertiary sites directly linked with biodiversity at least at the "Excellent" level (BREEAM in-use certificates 2 and 3). To develop these same certifications for two additional sites at least to the "Excellent" level by 2021.
- To set up awareness-building training in environmental challenges, including biodiversity aspects, for Bayer employees in France. Bayer undertakes to provide this training to all its employees by 2021.
- To continue protecting and inventorying the diversity of wild orchids growing at our Sophia Antipolis site, with the help of the Natural Species Conservatorium.
- Bayer undertakes to reduce its global GHG emissions by 20% between 2015 and 2020.

(1) <https://www.bayer.com/en/integrated-annual-reports.aspx>

(2) <https://www.bayer.com/en/sustainabilitystrategy.aspx>

(3) <https://www.bayer-agri.fr/outils-services/phytobac-on-line/>

(4) https://www.bayer-agri.fr/environnement/le-reseau-des-8-fermes-de-references-bayer_3470/

(5) www.cropscience-transparency.bayer.com