

act4nature

statement of the 2018 commitments

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Committed to the French National Biodiversity Strategy since 2011, ENGIE renewed and reinforced its commitment to the preservation of biodiversity by supporting act4nature in 2018, and by extending the scope of NBS commitments to all the Group's activities throughout the Group worldwide.

The activities of ENGIE are in constant interaction with biodiversity: on the one hand by the services provided by nature (biomass, water, climate) and on the other hand by the footprint of industrial sites and therefore their impact on ecosystems.

Through these commitments, we aimed to encourage all the Group entities to perceive biodiversity as an opportunity to anchor their activities in the territories and to engage more strongly with their stakeholders in more sustainable approaches.

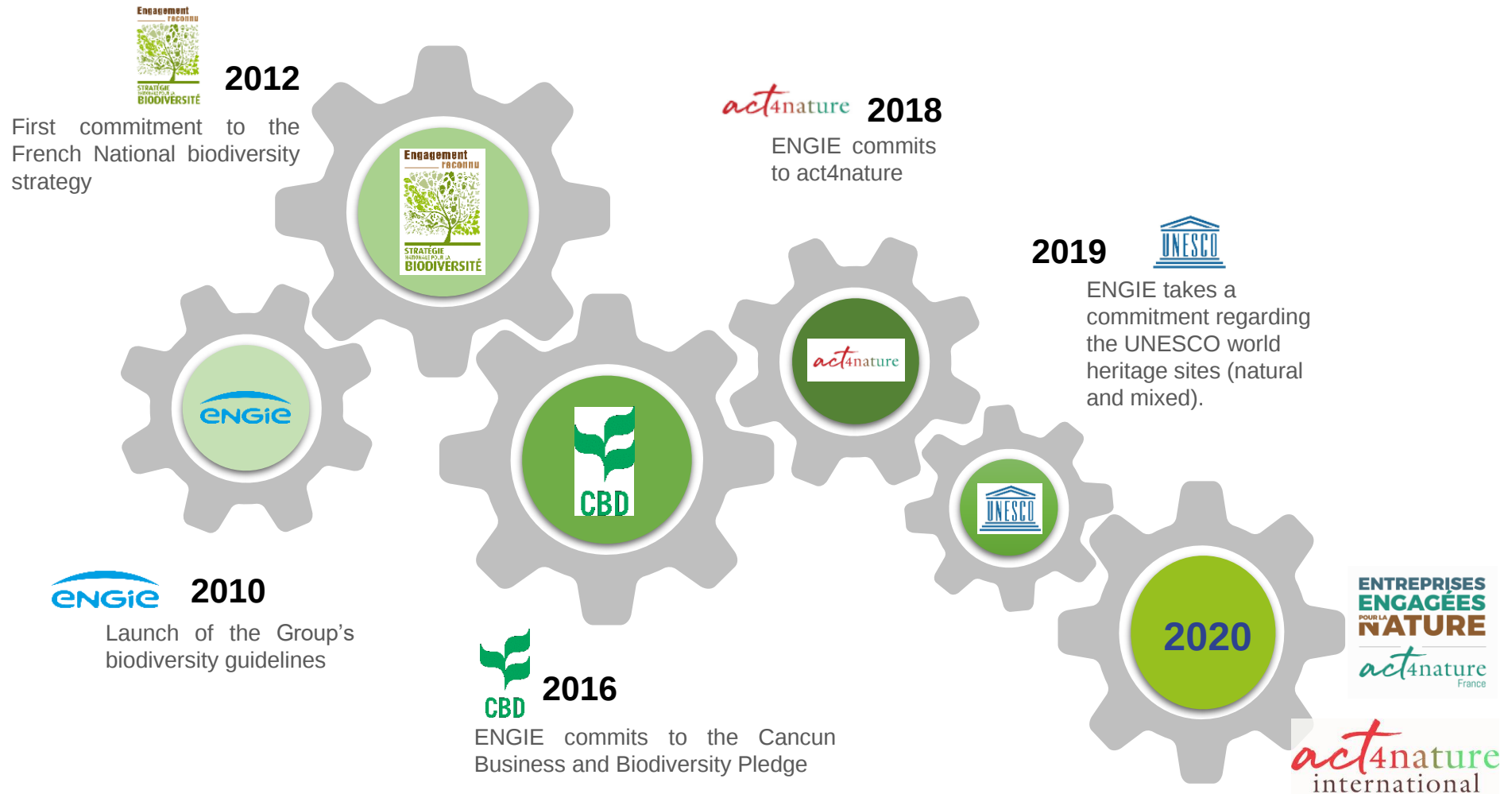
The 2018 Group's commitments on biodiversity were based on three ambitions for which actions have already been implemented in the context of the SNB on 2016-2018, and which we wanted to extend to the entire Group by setting targets for the Group at a global scale to 2020.

For nearly 10 years, we have supported the biodiversity approach on two partnerships, one with the French IUCN committee and the other with France Nature Environnement. Hence the work done on the act4nature commitments and targets has been made in dialogue with those partners.

The implementation of the actions has been led by the CSR department and coordinated through the biodiversity network and the environmental officers worldwide. Most of the targets have been achieved by 2020. For those with unachieved actions, the targets will be redefined in the new act4nature international commitments.

The commitments will be renewed this year both for act4nature international and EEN-act4nature France.

Overview of ENGIE's commitments



ENGIE's individual commitments – act4nature 2018

- Identify and make known internally all the benefits and opportunities related to actions for biodiversity

In 2017, the Group's entities shared their experiences, notably on the differentiated management of green spaces, the contribution to the implementation of the green and blue weave, and the results of studies carried out by IUCN. The exchanges within the network are now facilitated by setting up a specific internal social network.

2020: Animate an international network of internal experts and develop the sharing of good practices

Target: at least 3 network meetings per year and network animation over time on the dedicated internal social network

2018-2020: Maintain and update a tool for locating and sharing knowledge on protected areas around the world

Target: an up-to-date tool available for everyone in September 2019

ENGIE's individual commitments – act4nature 2018

- Set up on the Group's sites voluntary and concerted approaches with stakeholders

The France Renewables Business Unit works with local stakeholders on each wind or solar project to identify biodiversity risks and define the most appropriate solutions to preserve fauna and flora. For example, in 2017, as part of the construction of the Hangest-sur-Somme wind farm, several actions were carried out, including the installation of bat shelters.

2018: Drafting, in liaison with the internal and external stakeholders concerned, a guide on the ecological management of sites

Target: finalized guide in December 2018

2018-2020: Track the achievement of the target “100% target sites with an integrated environmental management plan developed in collaboration with their stakeholders”, including sites identified as a priority for biodiversity.

Target: 100% of Biodiversity target sites across the Group have a concerted action plan by December 2020 (level of progress available on the website)

ENGIE's individual commitments – act4nature 2018

- Anchoring biodiversity as an integral dimension of the Group's performance

Since 2010, the Group has a goal to improve the management of biodiversity at sites 100% of priority sites in Europe are implementing an action plan by the end of 2015. At the end of 2015, 99% of the sites identified as priorities for biodiversity in Europe had action plans in place. This objective is now included in a more comprehensive approach such as an integrated and concerted environmental management for sites.

2020: Systematically evaluate the development projects in the Group's investment committee in terms of the integration of stakes and consultation with stakeholders, and deploy a proactive action plan on each sensitive project, respecting the sequence “avoid, reduce, offset” all over the world.

Target: As of 2018, 100% of the files submitted to the Group's investment committee are the subject of a concerted analysis of the biodiversity issue.

2018-2020: Provide Group employees with training dedicated to biodiversity

Target: a training program offered to all employees by the end of 2018 for deployment as early as 2019

ENGIE's commitments review

based on the 10 common commitments of act4nature and the individual ones

1

Integrate biodiversity into our corporate strategy, basing our action on available scientific knowledge

- Regular reporting on biodiversity to the ExCom and the Board (at each board meeting)

2

Engage in dialogue with all our stakeholders regarding their expectations and our impacts, actions and progress

- Development of a guidance for Ecological Management: project completed in 2019.
Launch postponed to 2020 due to the definition of the new biodiversity target for 2020-2030.
- Investment files: biodiversity is one of the CSR criteria applied to projects presented to the Group's investment committee.
For the moment, the involvement of external stakeholders is not systematic at this stage of the projects. Reporting to be improved.



ENGIE

APPENDIX 9. SUSTAINABLE DEVELOPMENT INVESTMENT CRITERIA MATRIX

TEMPLATE

CSR Criteria Matrix	Risks (-1)	Standard (0)	Opportunities (+1)	Comments or elements of proof (name of the report or action plan file) or justification if not applicable
1 Climate change mitigation				
2 Climate change adaptation				
3 Environmental Management				
4 Water Stress				
5 Protection of biodiversity ¹				
6 Social License to Operate				
7 Stakeholder Engagement				
8 Community Involvement and Human Development				
9 Ethics and Human Rights ²				
10 Responsible procurement				
11 Global protection of people, tangible and intangible assets				
12 Quality of employment conditions				

1. For projects in or near protected areas or affecting endangered species
2. Respect of international standards (the Universal Declaration of Human Rights, its associated Covenants and Conventions of the International Labor Organization) and ENGIE standards (Ethics Charter and Practical Guide to Ethics)

ENGIE's commitments review

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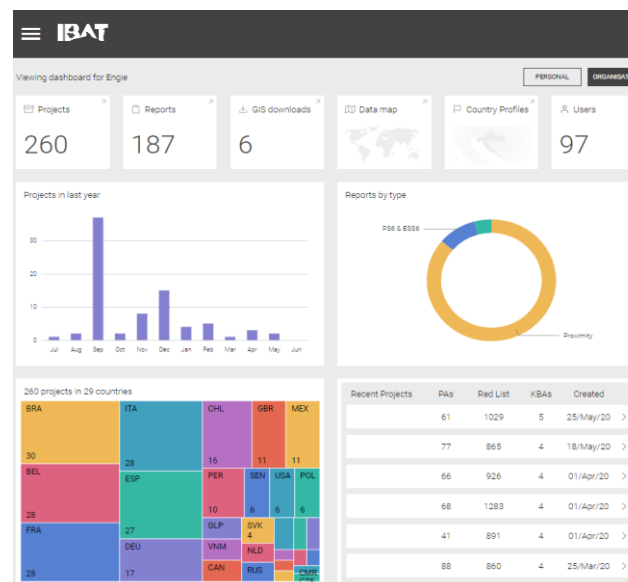
3

Assess the various components of biodiversity that affect us using direct and indirect impact studies, risk analysis and performance indicators and, for decision making purposes, measure our impacts in economic terms as well as our reliance on smoothly functioning ecosystems

- Biodiversity network: good growth (>100 members)
4 meetings organized in 2019

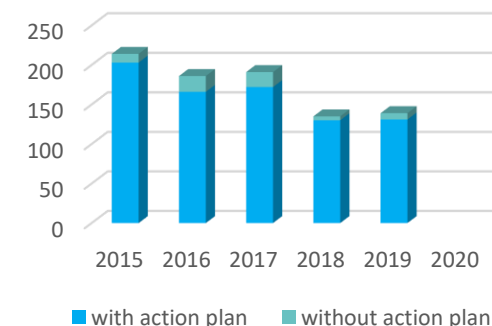


- Protected areas analysis tool: since 2018, ENGIE has signed a contract with IBAT. Everyone in the Group can have access to the tool, on request.



- EICM: end 2019, 94.2 % of the priority sites regarding biodiversity have an action plan

Priority sites regarding biodiversity



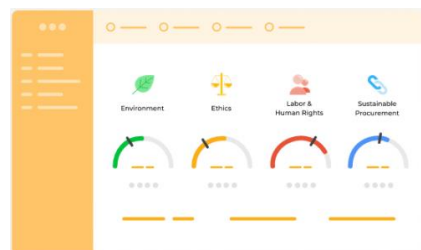
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4

Promote the gradual integration of biological diversity into decisions throughout our value, from the production of natural raw materials to the final stage of our products life cycle after use by consumers

- In 2019, assessment of the suppliers with Ecovadis / First step to integrate the biodiversity issue in the purchasing
- For biomass, development of CSR recommendations based on the Sustainable Biomass Partnership standards



5

Primarily avoid, reduce and ultimately offset our impacts, by seeking on a case-by-case basis no net loss as a bottom line and even a net gain of biodiversity in our activities and geographical areas of influence, and by factoring in the need of ecosystems to adapt to climate change

- Investment files: biodiversity is one of the CSR criteria applied to projects presented to the Group's commitments committee. For the time being, the involvement of external stakeholders is not systematic at this stage of the projects. Reporting to be improved.

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6

Prioritize the development of heterogeneous nature-based solutions, ensuring that they are implemented in a scientifically sound and biodiversity-friendly manner

- Sensitization of the Business Units on this opportunities during the biodiversity network meetings
- Discussion on going for a partnership in Middle East to contribute to the preservation/restoration of the mangroves

Two presentations done by IUCN at the biodiversity network meeting (December 2017, September 2018)



7

Incorporate biodiversity into our dialogue with policymakers so that this issue becomes an integral part of public policy. When invited to do so, contribute to the national biodiversity strategies of countries where we operate

- Participation to the working groups of French federations (MEDEF, AFEP and AFNOR)

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8

Raise awareness of and train our employees in biodiversity and its relation to their jobs. Promote and encourage nature-friendly initiatives by them and offer rewards in recognition of such actions and practices

- Launch of a leaflet on biodiversity end of 2019, firstly for an internal use + help to answer to tenders
- Training program under development

9

Mobilise resources and establish appropriate partnerships to support and monitor our actions taken in the field

- Partnerships at Group level with the French committee of IUCN and with France Nature Environnement



Since 2008



Since 2009

ENGIE's commitments review

based on the 10 common commitments of act4nature of act4nature and the individual ones

10

Publicly report on the implementation of these commitments and of the individual commitments set out below

● Communication in the Universal Registration Document, the integrated report and on the website (ongoing update)

“Preservation of the environment” and “resources and waste” challenges

Preserving the environment, i.e. preserving the soil, water and atmosphere from any pollution, as well as preserving resources and treating waste in order to protect biodiversity and protected habitats located close to the Group's facilities, are issues that were particularly highlighted by the Group's stakeholders and management.

The following four main CSR risks can be associated with these challenges:

- the risk of loss of biodiversity;
- the risk of water stress;
- the risk of waste management;
- the risk of pollution of the surrounding environment.

Risks	Policies or action plans established to cover or remedy risks	Steering resources or KPIs, objectives	2017 results	2018 results	2019 results	SDGs concerned
Biodiversity		ENGIE has committed to provide 100% of its priority sites (i.e. those likely to affect biodiversity due to their proximity to a protected natural area) with an action plan to respond to the challenges of preserving biodiversity	90%	94%	94%	

3.5.4.8 Management of biodiversity

Source: ENGIE's
URD 2019

In order to contribute to biodiversity protection and to mitigate its impact under the “prevent, reduce, offset” process, the Group has been committed since 2010 to integrating biodiversity into its strategy and activities. Restoring natural habitats (e.g. contribution of Glow in Thailand to the restoration of the Houay Mahad Hill Forest), reducing the impact of wind turbines on wildlife (e.g. Cheppes-la-Prairie windfarm in France), installing fish ladders at dams (e.g. the Sauveterre-sur-le-Rhône fishway), ensuring that gas-grid easements contribute to ecological continuity, and applying differentiated landscaping to green spaces are examples of actions taken by the Group. In pursuit of its commitment to biodiversity, the Group relies on the skills and expertise of its two partners: the French committee of the IUCN (International Union for Conservation of Nature) and France Nature Environnement.

As part of a voluntary initiative, which was recognized at the end of 2012 by the French government as part of the National Biodiversity Strategy, the Group has defined a targeted action plane⁽¹⁾ for each of its priority

sites in Europe designed to address the biodiversity protection issues identified at the site and/or by local stakeholders, based on the site's activity. Since 2016, biodiversity action plans have been incorporated into a more comprehensive approach to integrated and concerted environmental management at site level for the target sites, but the method of identifying sites for biodiversity remains unchanged.

Building on the results of 2015, and to support the Group's change and transformation, ENGIE extended its contribution to the National Biodiversity Strategy for the period 2016-2018 by defining a new objective: local and sustainable integration. The aim of this objective is to position biodiversity as an asset in order to integrate its activities within the regions in conjunction with its stakeholders, and to highlight the good practices carried out by the Group's business units, such as ecological site management. The Group also strengthened its international commitments by joining the “act4nature” initiative in July 2018.

Committed to biodiversity:
act4nature, UNESCO

act4nature

Starting in 2010, the Group set itself the target of developing a biodiversity conservation action plan for each of its priority sites in order to respond to local challenges identified together with stakeholders. In July 2018, ENGIE strengthened its commitments by supporting act4nature and by broadening the scope of its biodiversity targets to cover all its activities. Since February 2019, ENGIE has also been committed to assessing the potential impact of new projects on UNESCO World Heritage sites (natural or mixed) and to avoiding the development of projects with negative impacts.

- 98% of European sites have been covered by a biodiversity action plan since the end of 2015
- deployment of the Integrated Biodiversity Assessment Tool (IBAT), a tool for locating and sharing information on the biodiversity of protected areas around the world
- drafting of a guide to best practices worldwide for the ecological management of sites
- implementation of biodiversity awareness modules
- ecological management of sites, bird and bat conservation near wind-farms, eco-grazing on solar and wind farms

Source: ENGIE's integrated report 2020