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CEO

Corporate website

EDF Group's individual commitments to act4nature international

Global leader in low-carbon energies, the Group has developed a diversified production mix based mainly on nuclear and renewable energy (including hydropower) and invests in new technologies to support the energy transition. EDF's raison d'être is «To build a net zero energy future with electricity and innovative solutions and services, to help save the planet and drive well-being and economic development».

EDF has built a voluntary action program on nature using three drivers: the 5 pressure factors identified by IPBES; the major impacts of the company on ecosystems, and the Group's CAP 2030 strategic development project. This program, which should be completed by 2025, involves the Group's electricity and heat generation activities across all technologies (nuclear, hydraulic, onshore, and offshore wind power, solar, biomass, conventional thermal) operated and developed globally by EDF SA, EDF Renewables, EDF Energy, Luminus, Edison and Dalkia. The EDF Group has been committed to preserving biodiversity for 50 years. These new commitments are extended for the first time to the Group's value chain.

The energy sector is dependent on several ecosystem services: surface water availability, soil erosion regulation, climate regulation and biomass production. The impacts of the sector are mainly found upstream (extraction of fossil fuels and minerals; production of construction materials necessary for the development of infrastructures), in direct operations (in particular through the use of water, land and atmospheric emissions) and downstream (end of life of infrastructures in particular).

These commitments have been built with the support of our scientific and NGOs partner and across the business lines. They do not mention the measures in response to the laws and regulations in force, nor those already implemented on a voluntary basis by the Group, in accordance with the expectations of the initiative. Nor do they mention the Group's Climate commitments[1].

Actions:

Action / Engagement	Indicator	2025 Target	Charter
A Reduce the contribution of our activities to the main pressure factors (IPBES)			
1. Provide a management plan for 100% of power generation sites (thermal, nuclear, photovoltaic in France and Belgium)	% of nuclear and thermal[2] sites and solar farms[3] with significant biodiversity stakes equipped with a management plan[4]	100 %	7, 9
2. Integrate, beyond regulatory constraints, environmental and biodiversity stakes into the construction phase of Luminus wind farms, by deploying the green charter on all sites by 2025	Test and feedback on the implementation of the green charter on a wind power site in 2023 and deployment on all sites in 2025	Done	4, 5, 9
3. Accelerate and intensify dialogue with EDF's major uranium suppliers on biodiversity issues and levers, to establish a biodiversity action plan by the end of 2025	Completion of (i) 3 workshops with major uranium suppliers in 2023 to share practices, (ii) pressure mapping in 2024 and (iii) an action plan in 2025	Done	4
4. Maintain the performance of EDF Hydro's contribution to the management of water resources: zero malfunction imputed to EDF by the beneficiary of a low water support agreement over the period 2023-2025	Number of failures attributable to EDF in low water support on the 23 perimeters under agreement or governed by specifications	Hold at 0	2
5. By 2025, identify areas of improvement for the main sources of CO_2 emissions and resource consumptions, with regard to design and maintenance of hydroelectric production infrastructures	Implementation of a Hydro project for which the carbon/natural resources criteria guide the technical choices	Done	4
6. Reuse, recycle and recover the blades of wind farms controlled by EDF Renewables at the end of their operation, and progressively integrate easily recyclable blades in our future farms	• Number of blades, wind farms at the end of their operation, controlled by EDF Renewables, sent to landfill • Number of EDF Renewables wind farms with easily recyclable blades	0 1	4
7. Participate to invasive alien species (IAS) detection and management in France: • Carry out 30 IAS diagnoses by 2025 on new projects in Corsica & Overseas (SEI) and put in place management measures in the event of IAS detection • Raise awareness among vegetation maintenance service providers on the identification and management of IAS with 10 training sessions by the end of 2025	• Number of diagnostics carried out on new SEI projects in Corsica and Overseas • Number of awareness-raising actions with EDF and EDF Renewables service providers	30 10	7
B Preserve, Restore, Regenerate			
8. Promote knowledge, cohabitation, and development of «high stake» species[5] on 18 EDF sites[6] by the end of 2025	Number of sites with actions	18	7,9
9. Contribute to the efficiency of restoration and revegetation projects by using plants of local origin for 10 EDF operations by the end of 2025	Number of new revegetation operations using plants of local origin[7]	10	7,9
10. Draw inspiration from the *Nature-based Solutions* approach and contribute to the preservation and restoration of natural environments with local partners on 12 EDF sites by the end of 2025	Number of sites on which concrete actions for the preservation or restoration of natural environments are deployed in partnership with a local player	12	7,9
11. Maintain the Biodiversity Benchmark accreditation that EDF Energy holds for the management of the non-operational land at 6 of its Nuclear stations	Number of sites with Biodiversity Benchmark accreditation	6	7,9
C Strengthen the improvement of knowledge and share it			
12. Pursue the research program, with a budget of €6 million per year until 2025, on reducing the impacts on biodiversity of nuclear, hydraulic, wind, photovoltaic and thermal production facilities	Number of new publications, communications at international conferences and thesis/post-doc	9 - 6 - 3	3
13. Complete our life cycle analysis studies on the biodiversity footprint in two power generation sectors by 2025	Methodological test cases of SBF or PBF methods on a power generation site	Nuclear fleet in France + 1 hydro site	3
14. Take inspiration from the *Nature-based Solutions* approach and set up 3 «R&D pilot» operations for carbon sequestration by natural sinks which will contribute to the scientific demonstration of the reality of storage and the development of new sequestration pathways	Number of pilot sites set up in a partnership framework	3	6
D Transform our processes, our organization and our skills			
15. Integrate the environment as a criterion for choosing our suppliers in 70% of purchasing files, at identified risk[8], of the Group Purchasing Department in 2025	% of purchase files at identified risk having taken into account an environmental lever (decarbonization and/or preservation of resources) during the year	70 %	4
16. Participate in the drafting of new biodiversity guidelines for the wind and solar sector by 2025	Publication of the guidelines	1 new guidelines	4,5
17. Support customers in efforts to deliver energy sufficiency levers and control their consumption with the aim of reaching 200 million connections to consumption monitoring tools by 2025	Number of connections to energy monitoring tools	200 millions	4
18. Raise awareness and train 5,000 Group employees by 2025 on biodiversity	Number of employees sensitized or trained between 2023 and 2025	5000	8

1 EDF has undertaken to achieve carbon neutrality by 2050 and has therefore set itself targets for reducing greenhouse gas emissions by 2030. These targets have been validated as part of a «Well Below 2°C» trajectory by the Science Based Targets initiative.
2 For the Overseas, these are sites that have revealed the presence of invasive alien species.
3 For PV parks, these are PV parks at stake, which are those that present biodiversity issues (determined in the impact study by the assessment of the initial state and the application of the mitigation hierarchy), and require the implementation of appropriate measures, regardless of whether they are «degraded» or not.
4 A management plan defines the zoning on the sites with management measures adapted to the issue and the vocation of the land (industrial activity, etc.). The objective is to reconcile biodiversity and electricity generation.
5 Contribution to the dynamics of species preservation carried by the State, the communities, and the associations for the protection of the environment: for example, protected or threatened species.
6 The scope covers the French Nuclear, Thermal and Hydraulic scope. It is expected that at the end of this commitment, around 40% of nuclear and thermal sites will be covered; the notion of site having little meaning for hydro.
7 «Végétal local» brand or plant of local origin (from sustainable collections in the same biogeographical area).
8 Purchase of goods or services with potential impacts on carbon and resources (water, soil, biodiversity) identified in the risk mapping carried out by purchasing category managers.