



# FROM PRODUCTION TO TRANSMISSION: A TRANSVERSE R&D

Research and Development is a key activity for the EDF Group. Thanks to its expertise, the R&D department contributes to improving the performance of all the Group businesses: Engineering and Production, Sales and Marketing, Renewable Energy, Energy Management and Grids.

## EDF's ambition in R&D is focused on three top priorities:

- consolidating and developing a competitive and carbon-free energy mix;
- developing new energy services for customers;
- preparing the electrical systems for tomorrow.

In the networks area, the R&D of EDF aims at improving the management of the grid assets, the technical and economic models of new transmission and interconnection infrastructures, the insertion of renewable energy and the development of smart grids.

● **15 departments**  
(expertise forces, partnerships and project management)

● **14 joints laboratories**

● **limited partner in 6 venture capital funds**  
in clean technologies

● **€550M** budget

● **500** major research projects

● **70%** of the R&D activity aims at supporting the performance of all the Group businesses

● **30%** of the activity to anticipate and prepare the future

● **2,100** employees including

**370** PHDs

**150** doctoral students

**200** researchers teaching at universities and top graduate schools

● **10 centres worldwide**