

# Facts & figures 2016-2017



## Green electricity, an energising force

Our contribution to energy diversification and environmental protection puts us at the forefront of the rapidly expanding renewables industry.

At the time of energy transition, renewable energies are experiencing strong growth, representing more than half of the world's new capacity. COP21 stressed their role in the fight against climate change and encouraged countries to promote and keep up investment in this new technology.

Technological progress in wind and solar power now means that we can develop equipment that is increasingly efficient and competitive. Our industry benefits from this momentum and has grown continuously over recent years as renewables have become ever less expensive.

### A diversified profile

EDF Energies Nouvelles specialises in renewable energies and is a global leader in green electricity production without CO<sub>2</sub> emissions.

### International presence

EDF Energies Nouvelles has expanded in more than 22 countries, mainly in Europe and North America and more recently in Africa, Middle East, Asia and South America.

### Energy from multiple sources

- Onshore wind energy, accounts for 88% of production capacity.
- Solar, second avenue of expansion.
- Offshore wind energy, a segment gaining real momentum.
- Other activities (biogas, biomass...).

### and high potential energy sources

- Marine energy (tidal energy, floating wind turbines...).
- Energy storage.
- PV self-consumption, individual or collective.

### Presence on all the renewable value chain

EDF Energies Nouvelles is an integrated operator covering development, construction, production, operation and maintenance of power plants. In all business segments, the Company operates mainly for its own account, but also for third parties.

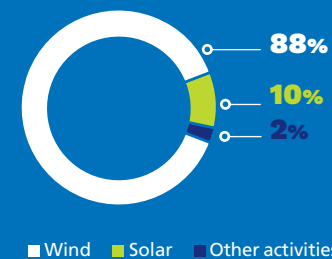
### The EDF group's reach

EDF Energies Nouvelles is a subsidiary of EDF, a worldwide producer of low-carbon electricity and a key player in energy transition. EDF Energies Nouvelles is helping the Group to achieve its ambitions for renewables. EDF is planning to double its renewable fleet\* by 2030, with production increasing from 28 GW to 50 GW.

\*including hydraulic



### CAPACITY at 30 June 2017



### Generation activity

**10,378 MW gross**  
**6,664 MW net**  
 Installed

**2,400 MW gross**  
 Under construction<sup>(1)</sup>

**16.5 billion kWh**  
 Green energy generated  
 in 2016<sup>(2)</sup>

### Complementary activities

**3,689 MW**  
 Developed, built and sold

**13,359 MW**  
 In operation and  
 maintenance<sup>(1)</sup>

### KEY FIGURES at 31 December 2016

**€1,358 M**  
 Consolidated revenues

**€306 M**  
 Net income group share

**€918 M**  
 EBITDA

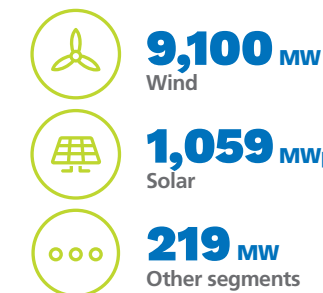
**3,108 employees**  
 Worldwide

Scope owned by EDF:  
 CA: 1,169 M€  
 EBITDA: 861 M€  
 RNP: 242 M€

(1) For own account and for third party.  
 (2) Annual economic output, including the proportion of output from jointly controlled assets.

### Leading positions

Thanks to its fast-paced international expansion, EDF Energies Nouvelles has established leading positions in each of the countries in which it is present.



### An integrated operator

**EDF Energies Nouvelles has the entire value chain covered**

It handles all the phases of a project internally, from development through to operations & maintenance services. This helps the Company to safeguard the quality of its power plants and to support its partners over the long term.

#### Development

- Evaluate the resource.
- Forecast production.
- Integrate landscape and environmental issues.
- Secure administrative permits.
- Negotiate electricity sale contracts and connections to the electricity grid.
- Study the technical solutions.

#### Construction

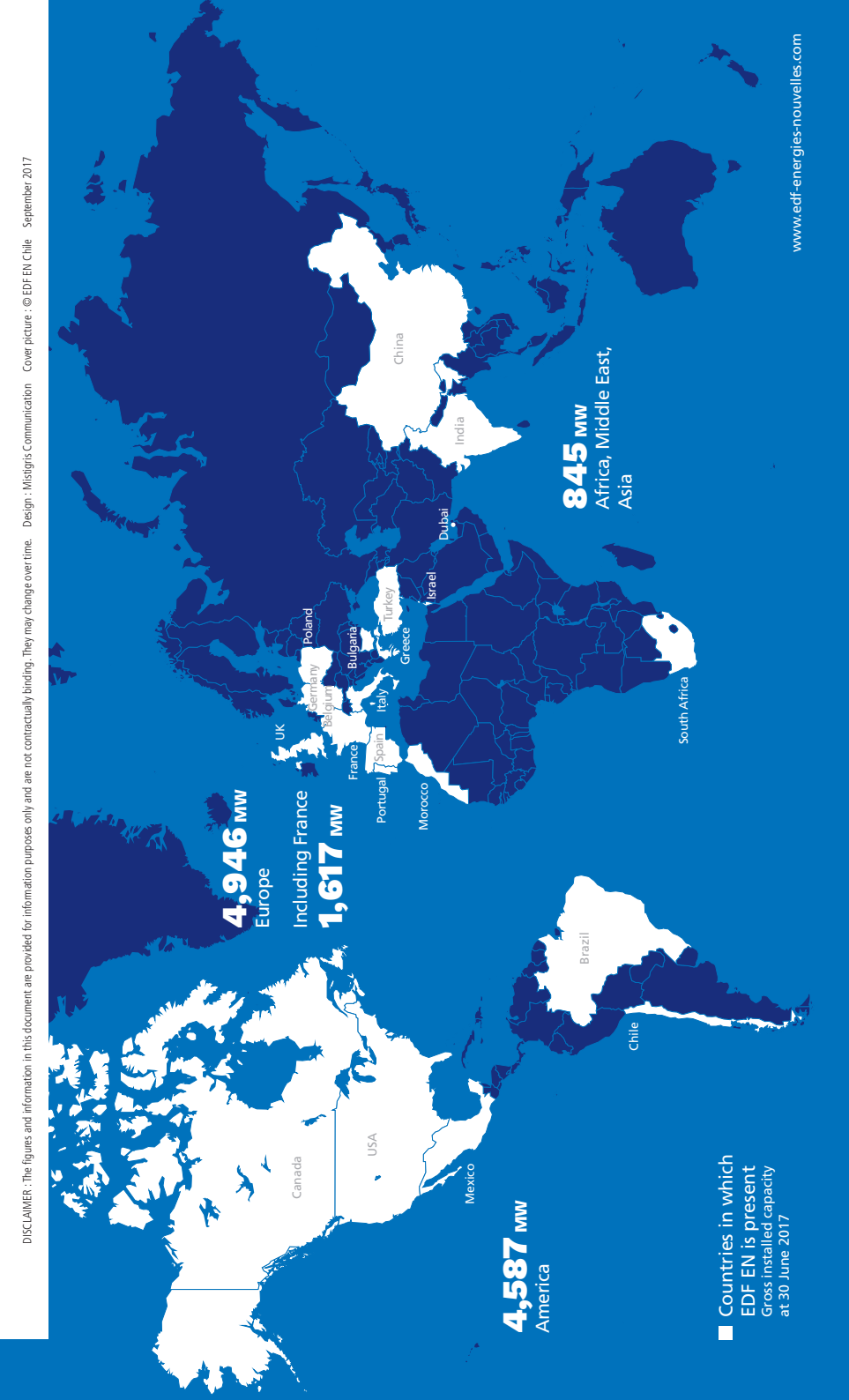
- Negotiate the supply of equipment.
- Supervise construction.
- Manage outsourcing.

#### Operations and maintenance

- Control production.
- Manage operations.
- Optimise assets' functioning.

#### Application R&D

- Develop pilot projects for floating wind turbines and marine current turbines.
- Support pilot manufacturing lines in new generation of solar technology.
- Develop different energy storage solutions.



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Countries in which  
 EDF EN is present  
 Gross installed capacity  
 at 30 June 2017