EDF Energies Nouvelles Platform for EDF Group ambitions in renewable energy
EDF EN: a leader in renewable energy

An expertise in multiple segments

- Biomass
- Biogas
- Sea Energy
- Concentrated Solar Power

WIND ENERGY onshore & offshore
SOLAR ENERGY pv
Other

An international footprint

18 countries ~ 3,050 employees
at 31 December 2013

North America
Europe
Africa / Middle-East / India

Integrated skills

Present on all the renewable value chain

Development
Construction
Generation
Operations & Maintenance

A leading position in its business

Generation activity
- 7,190 MW gross installed
- 2,320 MW gross under construction*
- 11.1 TWh of green electricity generated in 2013

Complementary activities
- 2,433 MW developed, built and sold
- 10,124 MW in operation and maintenance*

Key figures at 30 June 2014
MW gross: capacity of power plants in which EDF EN is shareholder
* For own account and for third party

Among the top 10 global players
A multi-segment player

1. MAIN SEGMENTS
   - Wind energy onshore & offshore
   - Solar energy
   - 85% of the EDF EN’s activities*
   - 12% of the EDF EN’s activities*

2. OTHER ACTIVITIES
   - BIOMASS
   - BIOGAS
   - DISTRIBUTED SOLAR
   - complementary selective developments

3. APPLICATION R&D
   - SEA ENERGY
   - NEW GENERATION OF SOLAR
   - pilot projects and manufacturing lines**

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* EDF EN's activities = Installed capacity + developed, built and sold capacity
* * Floating wind turbines (VertiMed), marine current turbines (Normandie Hydro), Solar R&D (CIGS technology with Nexcis, silicon technology with Photowatt / PV Alliance)
An international footprint in 18 countries
More than 7 GW of installed capacity, close to 10 GW achieved*

**Europe**
- **4,238 MW**
  - Czechia: 3 MW
  - Germany: 3 MW
  - Poland: 48 MW
  - Portugal: 496 MW
  - Spain: 83 MW
  - Greece: 353 MW
  - France: 1,203 MW
  - Belgium: 325 MW
  - Switzerland: 96 MW
  - Belgium: 496 MW
  - Italy: 628 MW
  - Germany: 503 MW

**North America**
- **2,871 MW**
  - Mexico: 392 MW
  - Canada: 438 MW
  - United States: 2,041 MW

**Africa, Middle East, India**
- **81 MW**
  - South Africa: 5 MW
  - Israel: 51 MW

**Key figures at 30 June 2014**

*Capacity achieved = installed capacity + developed, built and sold capacity*
Integrated skills

**Development**
- Prospection for land
- Electricity production yield assessment
- Environmental impact studies
- Consultation
- Project management (administrative, economic and technical coordination)

**Construction**
- Engineering (electrical, acoustics, etc.)
- Construction works
- Procurement
- Logistics

**Generation / Sale of assets**
- Asset management
  - Relationships with contractors
  - Generation tracking
- Sale of assets

**O&M**
- Scheduled maintenance
- Preventive & corrective maintenance
- Purchasing / management and optimization of spare parts
- 24/7 remote monitoring of power plants and generation
- Highly skilled engineering

**Other**
- Tax, treasury, and financing and accounting
- Legal affairs, insurance
- R&D and support to equipment manufacturers
Renewables in the EDF Group

A european leader in renewable energy

Hydropower

- More than 20 000 MW
- First hydropower producer of the European Union
- 435 production sites

New Renewables

Wind onshore
Wind offshore
Solar
Biomass
Biogas
Sea energy
Geothermal

EDF energies nouvelles

7,190 MW gross*
4,991 MW net*

EDF energy

228 MW net

EDISON

477 MW net

EDF luminus

124 MW net

Dalkia France

EDF EN, platform for EDF group ambitions in renewables

Key figures at 31 Decembre 2013
* Installed capacity at 30 June 2014
For more information

www.edf-energies-nouvelles.com

The figures and information provided in this presentation are intended for information only and are not contractually binding. They may change over time.

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