



# **EDF Energies Nouvelles Platform for EDF Group ambitions in renewable energy**

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# EDF EN : a leader in renewable energy

## An expertise in multiple segments



**WIND ENERGY**  
onshore & offshore



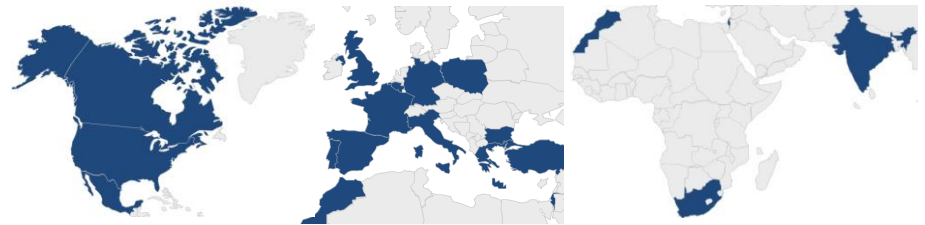
**SOLAR ENERGY**  
pv

- + Biomass  
Biogas
- + Sea Energy
- + Concentrated  
Solar Power

**Other**

## An international footprint

**18 countries** ~ **3,050 employees**  
at 31 Decembre 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

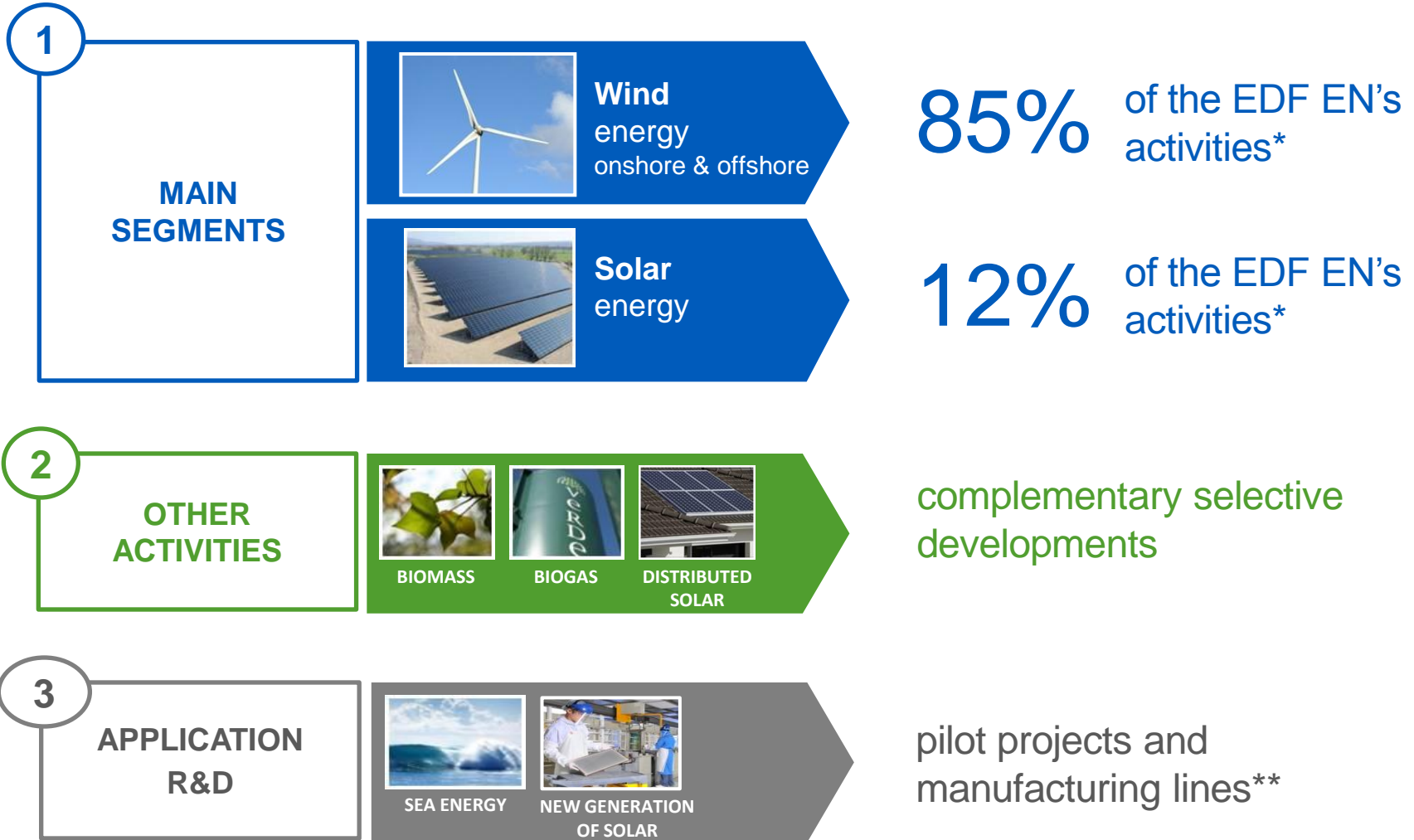
- **7,190 MW** gross installed
- **2,320 MW** gross under construction\*
- **11,1 TWh** of green electricity generated in 2013

Among the **top 10**  
global players

### Complementary activities

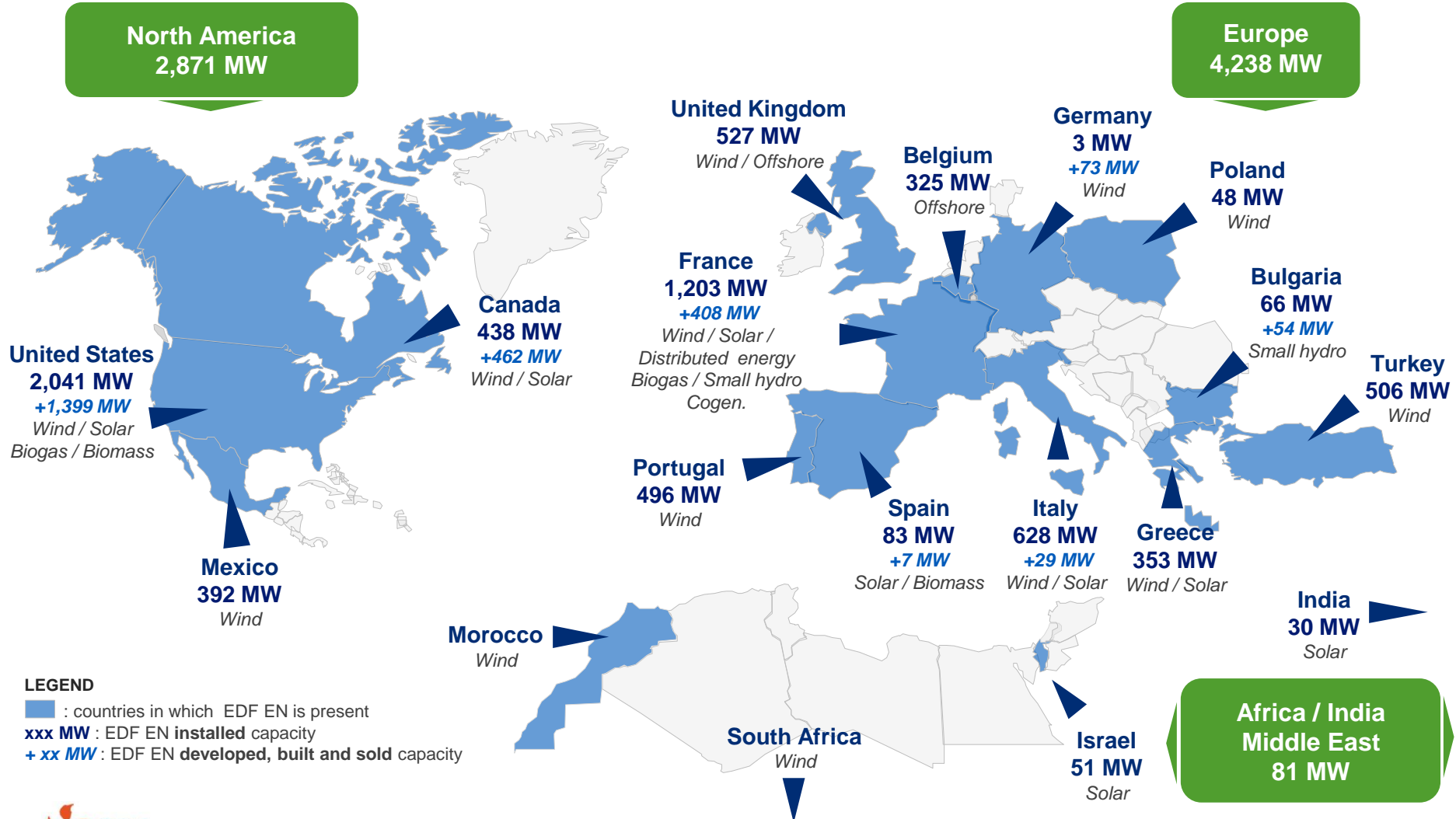
- **2,433 MW** developed, built and sold
- **10,124 MW** in operation and maintenance\*

# A multi-segment player



# An international footprint in 18 countries

More than 7 GW of installed capacity, close to 10 GW achieved\*



Key figures at 30 June 2014

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

# Integrated skills



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

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

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

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


- 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
 <b>EDF</b> énergies nouvelles	<b>7,190 MW gross*</b> <b>4,991 MW net*</b>	 <b>EDF</b> ENERGY	228 MW net	 <b>GRUPE TIRU</b> créateur d'énergie verte		
 <b>EDISON</b>	477 MW net	 <b>EDF</b> LUMINUS	124 MW net	 <b>Dalkia</b> 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](http://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.

**Next update : february 2015**