

# EDF Group

- ⊙ A leading player in the energy market, active in **all areas** of electricity from **generation to trading and network management**.
- ⊙ **Balance** between regulated and deregulated activities.
- ⊙ Expertise in **engineering** and **operating** generation plants and networks.
- ⊙ Leader in the **French and UK** electricity markets, solid positions in **Italy** and numerous other European countries; industrial operations in **Asia** and the **United States** and **South America (Brazil)**.

**37 million**  
customers worldwide

**630,4 TWh**  
(550 TWh for Africa)  
electricity generation worldwide

**108.9g of CO<sub>2</sub>**  
per kWh generated  
(CO<sub>2</sub> emissions from EDF Group electricity  
and heat generation)

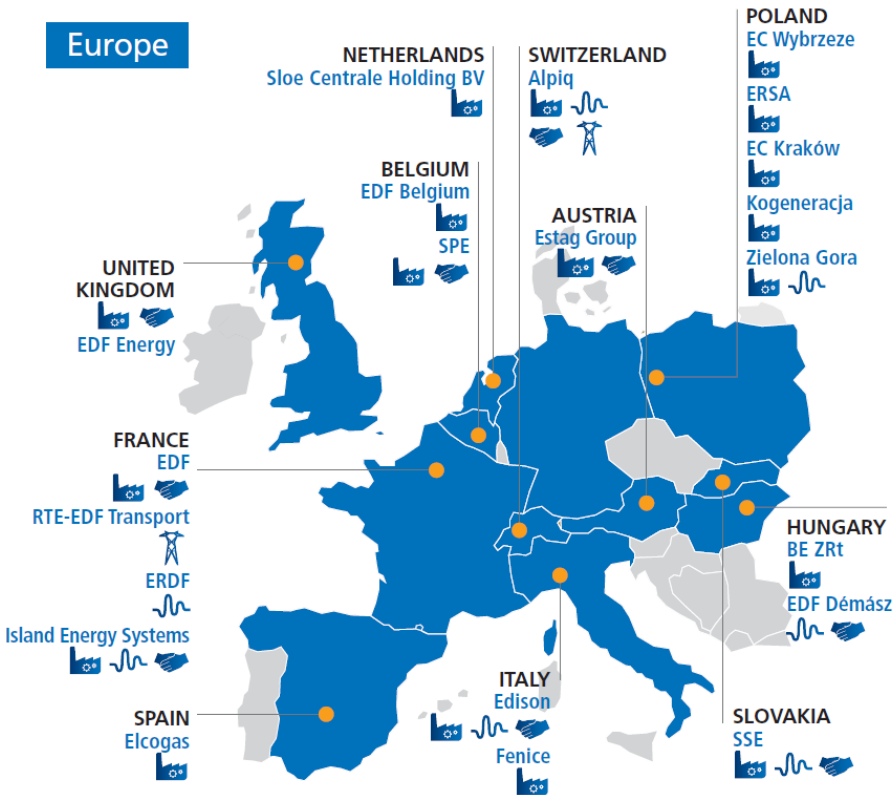
**158,842**  
employees worldwide

**€65.2 billion**  
in sales

Consolidated data at 12.31.2010.

# Map of Group operations

## Europe



## Other continents



## Other businesses

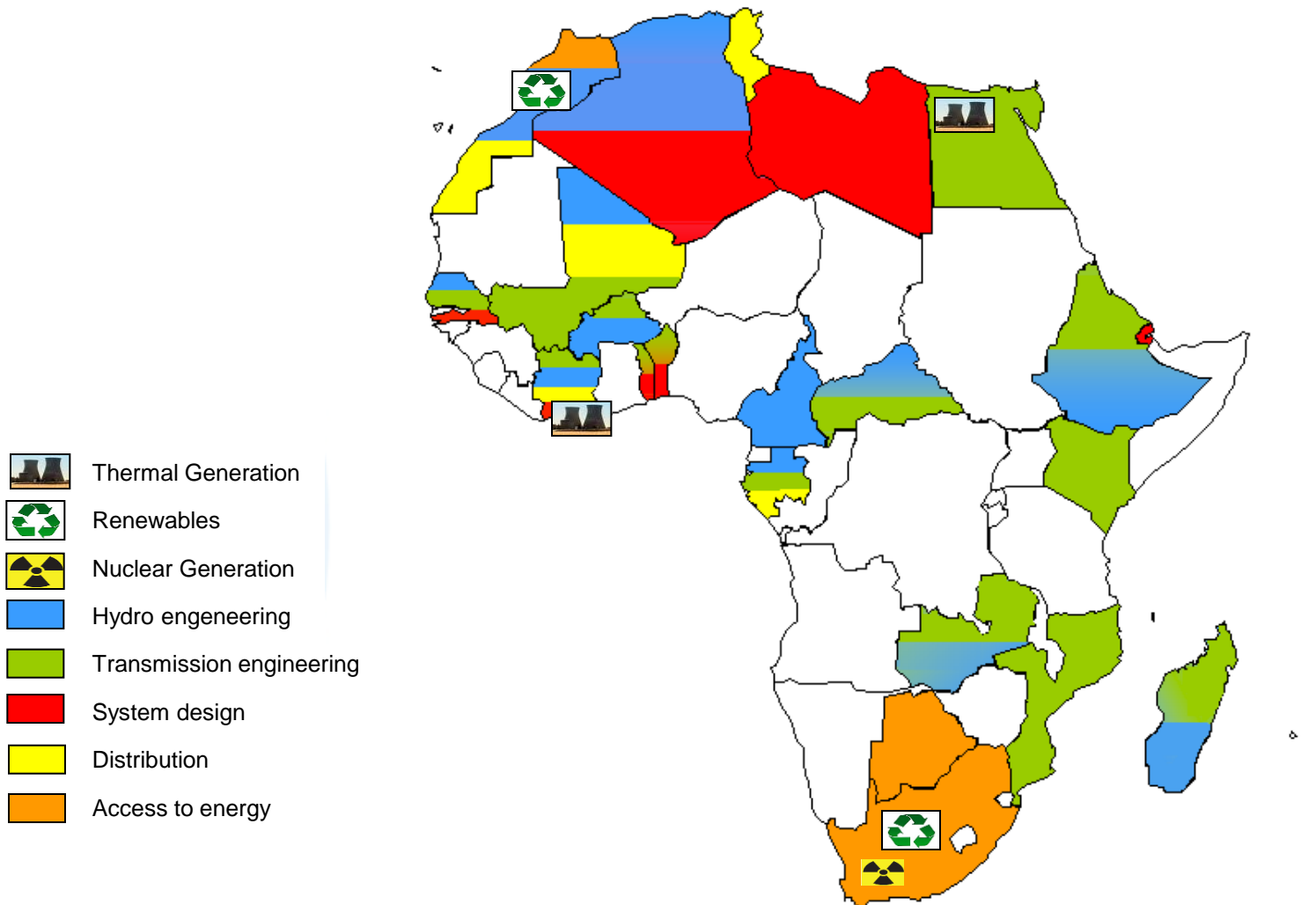
- EDF Énergies Nouvelles
- Tiru
- Électricité de Strasbourg
- Dalkia
- EDF Trading

- Generation
- Distribution
- Services
- Transmission

# Why are we considering investing in Africa ?

- ⊙ Lasting slow down in the rate of growth in developed countries (Europe, US...)
- ⊙ **75 % of the growth of energy capacity in BRICS countries and in developing world**
- ⊙ We have a long history of presence in Africa (historical reasons), which could give us a competitive advantage among western utilities

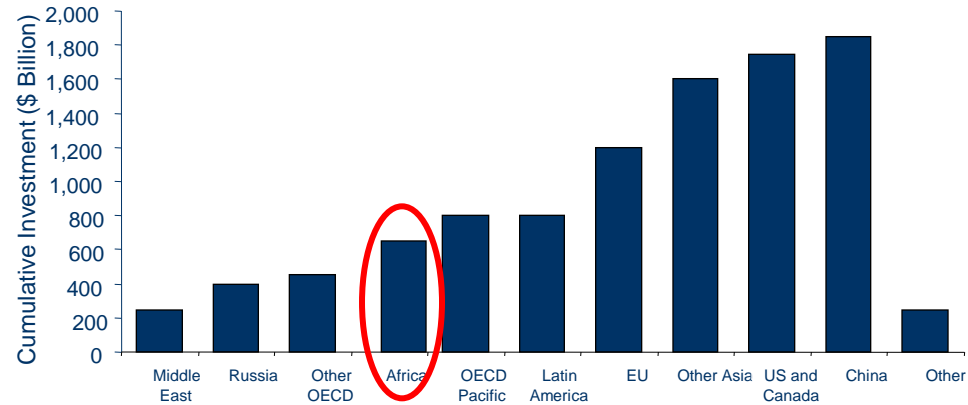
# All components of the group are already active in the continent



# Africa has an urgent need of investors

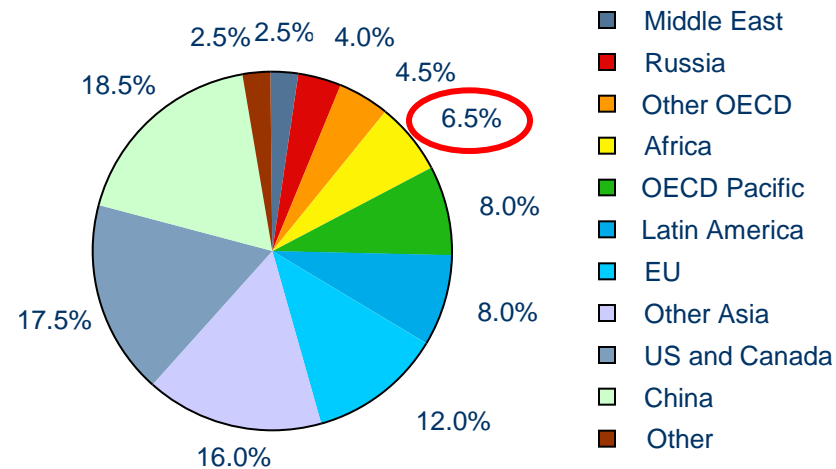
- One can not talk of Africa as a homogenous area
- There is generation shortages all over the continent, but in some areas (Central, East and West Africa) it is higher
- Urban electrification rates varies from 90% to 40% and in rural areas between 80% and less than 5%
- Electricity investment in Sub-Saharan Africa will have to top \$620 billion to add 270GW by 2030 to meet local demand

Global Electricity Investment by Region (World), (2001-2030)



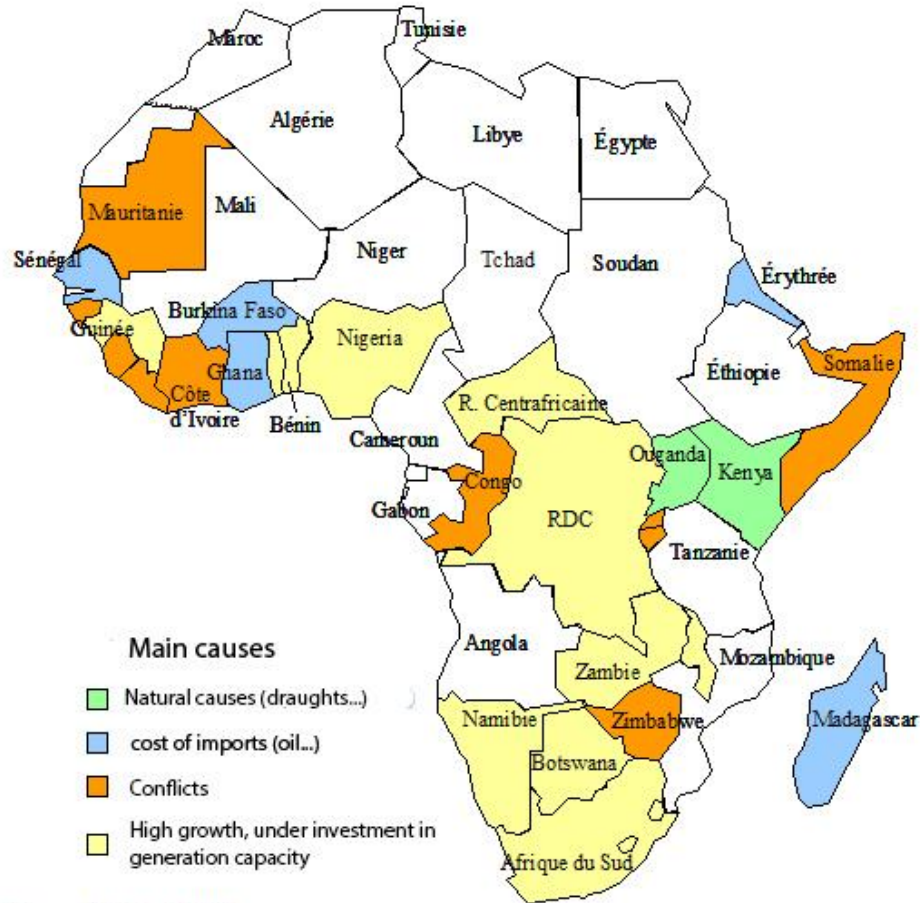
Source: Frost & Sullivan

Global Electricity Investment by Region (%) (2001-2030)



Source: Frost & Sullivan

# Main countries with generation Problems



Source : Eberhard, 2008

# What are the main issue for us ? (as an investor)

- © Political stability... for investment (generation, transmission and distribution) lasting more than 20 years
- © Consistent regulatory environment required
- © Predictable stream of revenue (**quality of the signature of the offtaker**, tariffs...)