



EDF Activities

Energy for Sustainable & Smart Cities

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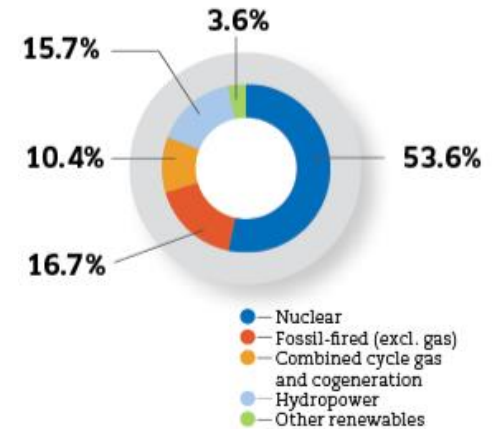


EDF , A GLOBAL LEADER IN ELECTRICITY

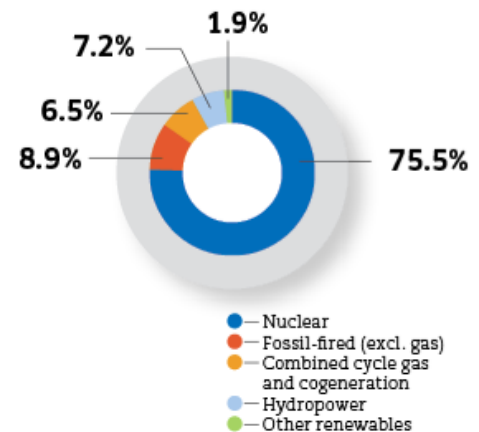
- **€72.7 billion** in sales
- **39.3 million** customers
- **159,740 employees** worldwide
- **84.7% of generation does not emit CO₂**

INSTALLED CAPACITY **139.5 GWe**

Net production capacity



GENERATION **642.6 TWh**



R&D: KEY FIGURES



2 100 employees

including

370 doctors

150 PhD candidates

200 researchers teaching at universities and advanced engineering schools

€ 543 millions

budget in 2013

70 % activity to support performance of Group businesses

30 % activity to anticipate and prepare the future

500 major projects ongoing

15 departments

(expertise, partnerships and project management)

14 joint research laboratories

Partnering with **4** venture capital funds

in the field of clean technologies

8 international Centers

including

3 France

5 Germany, United Kingdom, Poland, China, Italy

Plus **1** USA based team

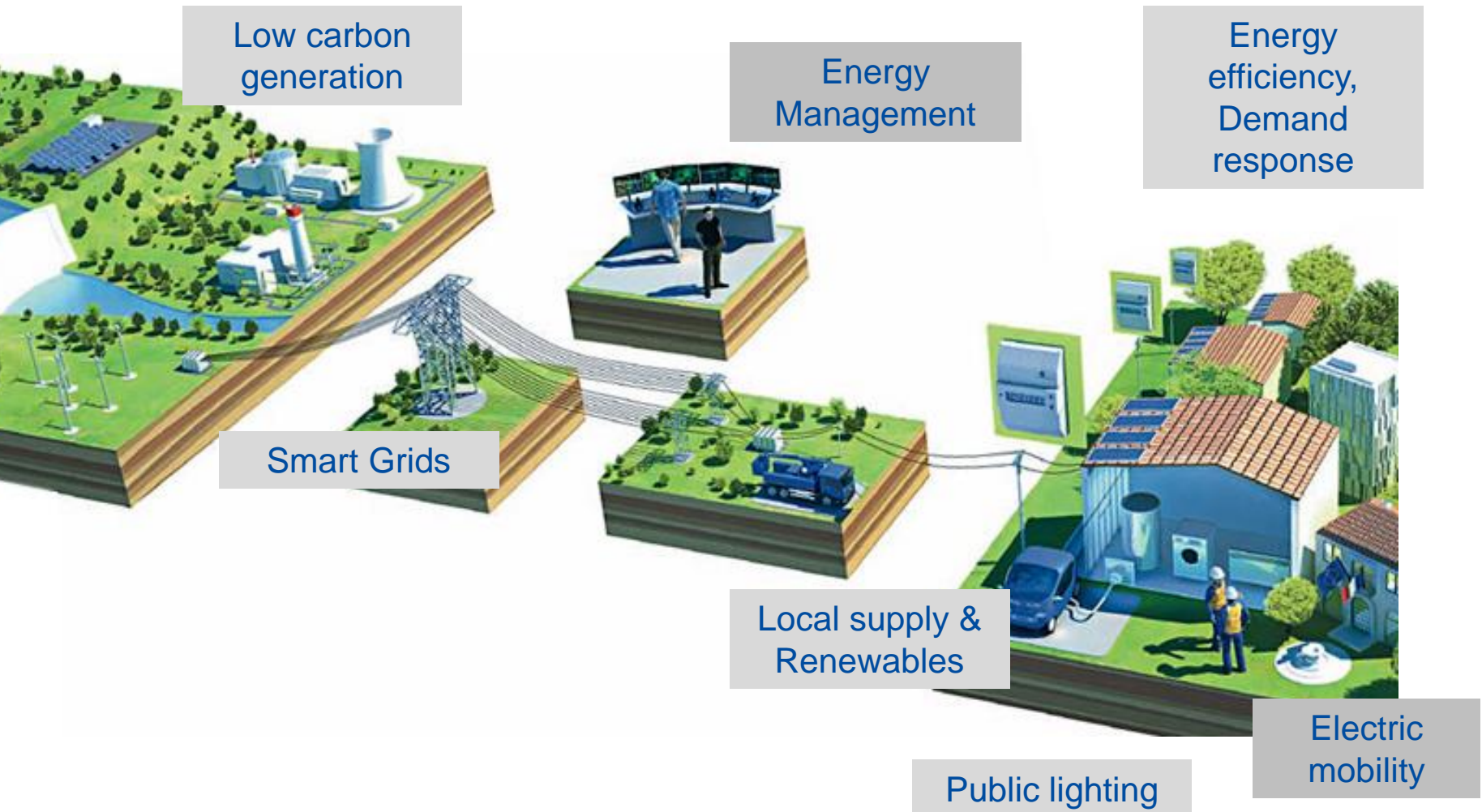
And ...

EDF lab

Singapore

Centre of Excellence for Sustainable Cities

EDF's INNOVATIONS and SOLUTIONS AT THE SERVICE OF CITIES



EDF supports Cities Visions



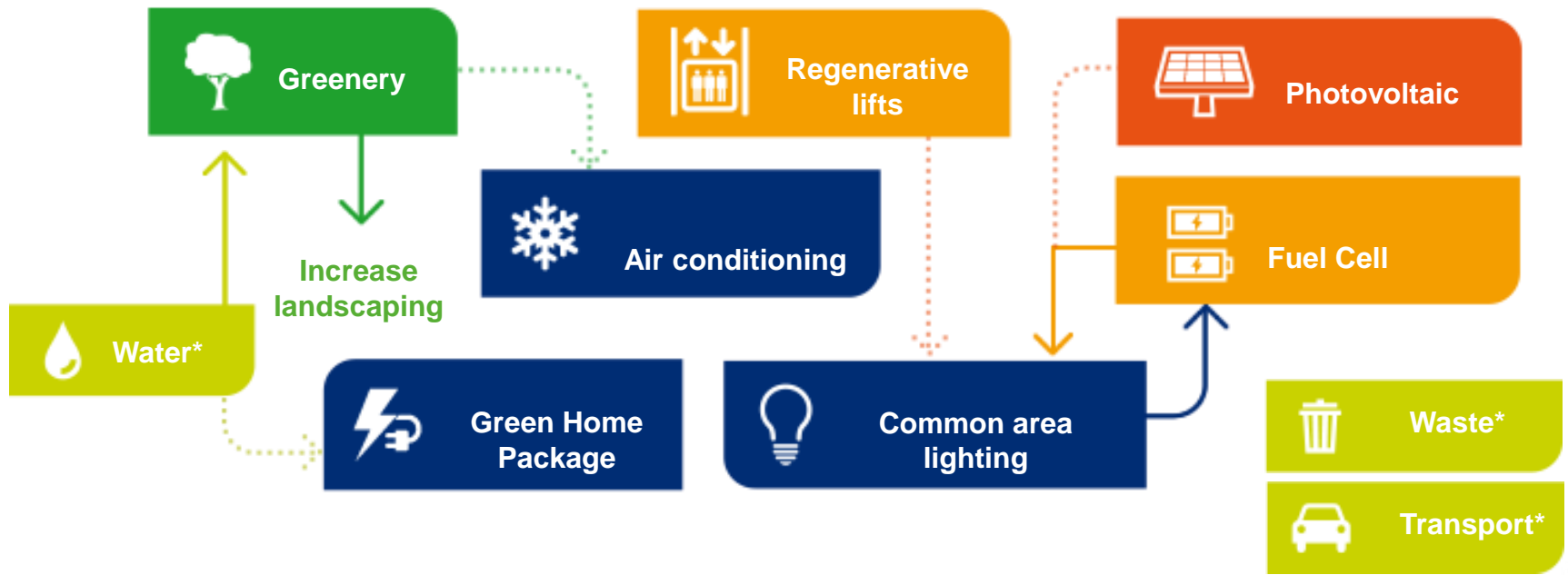
In-depth expertise in low-carbon energy
Technological innovation
Operations worldwide

EDF helps cities through a range of energy services to solve their issues, reach their objectives, and improve the quality of life of inhabitants.

EDF Sustainable Cities Program

Empowering local governments in the decision making process
From early stage of urban project to solutions implementations
A systemic approach, with cutting edge technologies

Singapore – HDB Partnership: Urban Planning using Systemic approach



Singapore – HDB Partnership: Urban Planning using Systemic approach

ENERGY

Power
Heat
Fuel
+
Production

COST

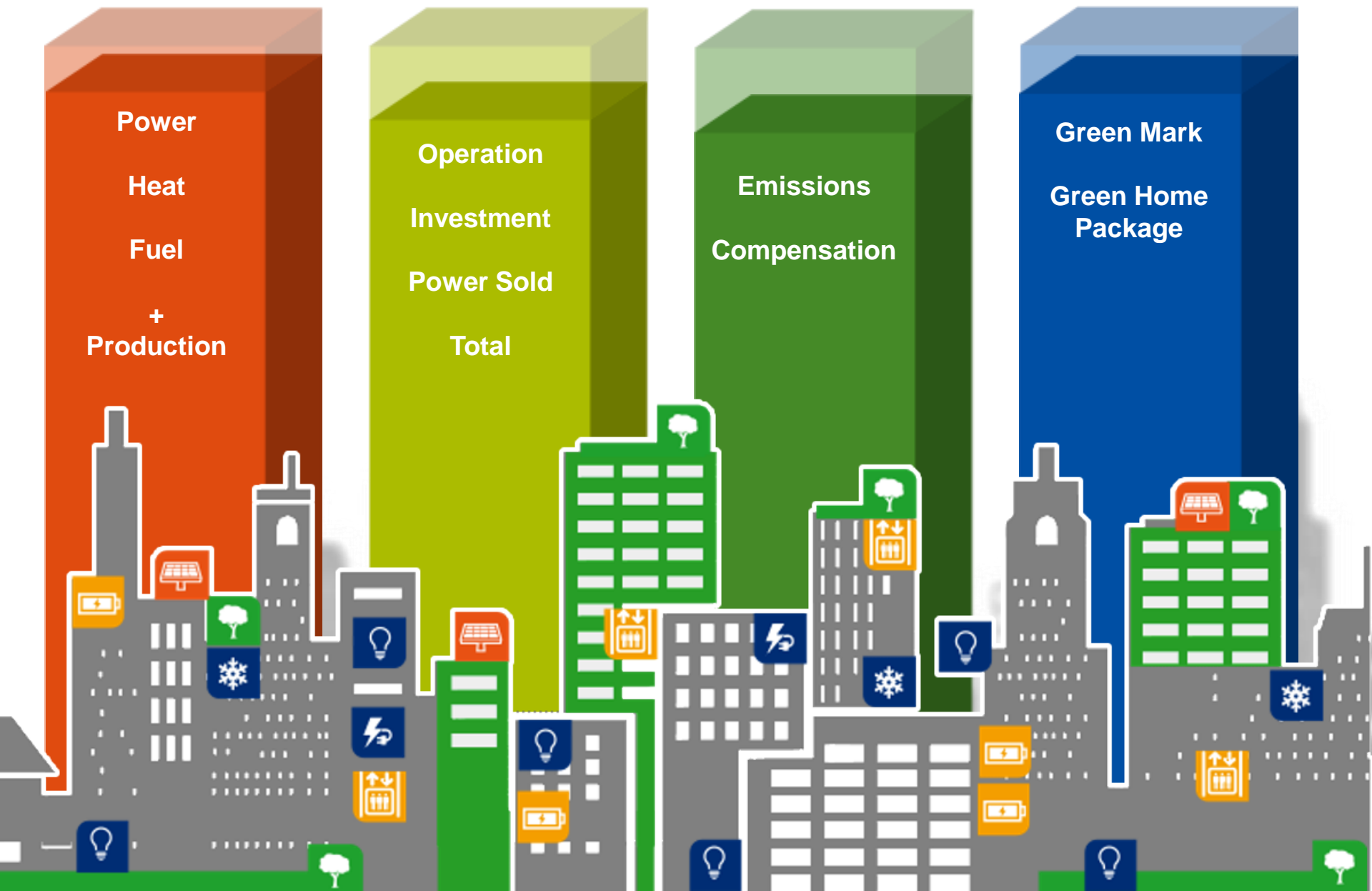
Operation
Investment
Power Sold
Total

GHG

Emissions
Compensation

CITY BENCHMARK

Green Mark
Green Home
Package



A Housing case study



Energy

Attractivity

Air Quality

Resilience

Visibility

THANK YOU

Quality of life

Low Carbon

Quality of infrastructures

**Sustainable and Smart
Development**

