
Better Mobility TODAY



The New Mobility Indicators

A new kind of mobility is emerging. It is efficient, economic and sustainable and meets the current and future challenges of cities.



450km: the actual range of electrical vehicles using new-generation batteries.



75% of people in France in favour of driveless cars



15 million vehicles running on gas in Europe in 2030: that's the target set by the Natural Gas Vehicle Association



3.8 million less vehicles in the streets in 2024: made possible by car-sharing services



500,000 tones of CO2 per year: what the state of NY could save if it converted its bus fleet to electric



20% of journeys made in towns and cities used public transport in developed countries between 2001-2012

Over **150** transport networks equipped by ENGIE in 2016

ENGIE fully acquire **EV-BOX** a leading European charging stations manufacturer

47k charging stations for electric vehicles already installed

980 cities equipped with EV-BOX charging infrastructures

ENGIE Group Profile

ENGIE develops its businesses in three activities: Power, Natural Gas, Energy Services

The Group provides governments, communities, cities and businesses with efficient and innovative solutions based on its expertise in four key sectors: independent power development, renewable energy, liquefied natural gas and energy efficiency services.

POWER

No.1

independent electricity producer in the world

112,7 GW of installed electricity production capacity

Of which ~ 20% renewables

5.2 GW of electricity production capacity under construction

Of which ~ 29% renewables

NATURAL GAS & LNG

No.1

gas distribution network in Europe

No.5

LNG portfolio in the world

An LNG supply portfolio of 245 TWh from 6 countries

A fleet of 14 LNG tankers incl. 2 regasification vessels, one of which is presently deployed in Turkey

ENERGY SERVICES

No.1

energy efficiency services provider worldwide

228 urban cooling and heating networks in **13** countries

140 million m² managed in the services sector


22 million energy contracts, companies and services



Our regional footprint

A regional presence since 1994 in the Middle-East, South Asia and Turkey

- United Arab Emirates
- Qatar
- Saudi Arabia
- Oman
- Bahrain
- Kuwait
- Turkey
- India
- Pakistan



100% carbon-light gas fired generation / cogeneration

28.8 GW gross power capacity in operation

3.1 GW under construction

1,160 MIGD gross operated desalination capacity (90% thermal, 10% RO)

52 MIGD under construction

In Solar PV (India):

- 97 MW in operation
- 85 MW under construction
- 215 MW under development



A workforce of ca. **4,600**



370,000 customers in gas distribution



64 contracts in Facility Management in UAE, Qatar & Oman with Cofely-Besix (prestigious customers such as Masdar City; Qatar Foundation; Emaar incl. Dubai Mall)

17 contracts in power plant O&M services totaling **20 GW** and **3.8 Mcm/d**

145,000 m3 capacity F

Regasification Unit



Other activities

Trading
Electricity sales



One-stop shop for charging infrastructures

State of the art equipment

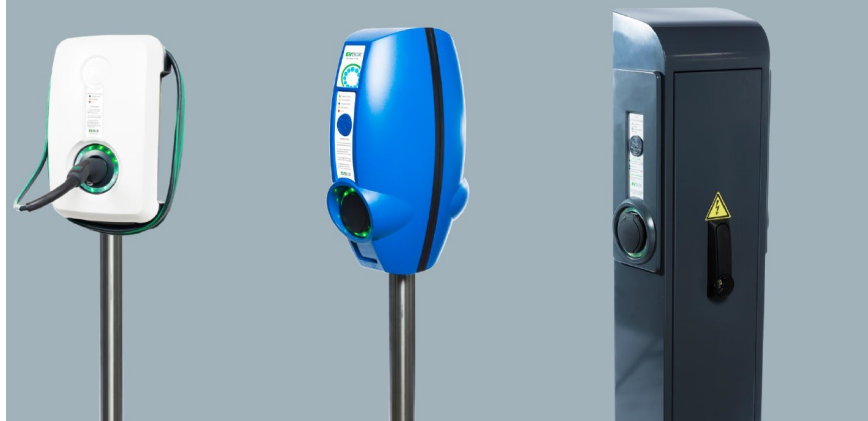
EV-BOX charging stations are 100% owned by ENGIE and caters for Home, Businesses and Public Spaces

Installation & Maintenance

ENGIE provides a full service for its customers by installing and maintaining with fast-response the charging station networks

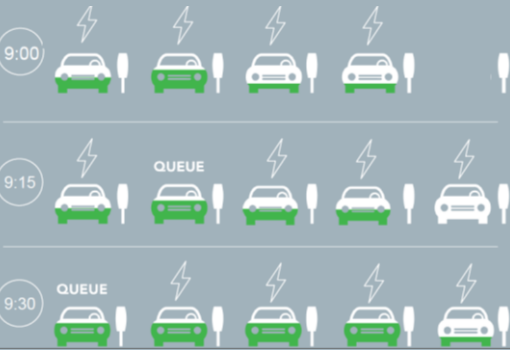
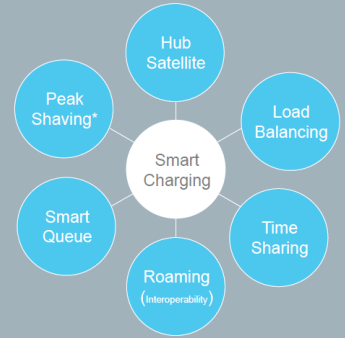
Smart Energy Management

Smart solutions embedded within the infrastructure to manage loads
ENGIE's expertise in grid integration, peak shaving and energy management



Our solutions | SMARTCHARGING

Smart Charging: EV-BOX Smart Charging services optimize our charging stations by creating and distributing the available power in an energy-efficient and flexible manner.



Smart Queue: Every 15 minutes, we check the charging status and optimize it.

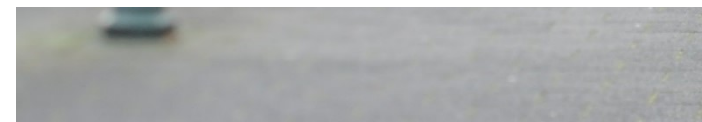
Load Balancing service: Optimally distributes the available power capacity to each car and prevents your charging stations from exceeding your building's or parking facility's power capacity.



Case studies: Rotterdam & Belgium



ENGIE
BETTER MOBILITY
TODAY



For cleaner transport, Rotterdam encourages electric mobility

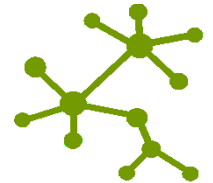
Electric vehicles for everyone



- Charging solutions for residents
- **25% of Rotterdam municipal fleet** made up of electric models
- An ambitious target: **200,000 e-vehicles** to be on Dutch roads by 2020

3,000 charging points already installed

- ENGIE and EV-Box have been entrusted the **installation and maintenance of 3,000 charging points** in Rotterdam
- **1,800 additional charging points** to be put in place by 2020



A strong collaboration for a win-win partnership

- The partnership between ENGIE, EV Box and Rotterdam is lasting for **12 years**.
- Part of the installation cost is covered by profits from **operating and supplying the terminals**.
- Thanks to this operation and the provision of energy, ENGIE can offer a **realistic financial package** to local authorities who want to commit to electric transport.



Simple solutions for a cleaner mobility

- ENGIE has made **rapid charge terminals** available to 50 drivers of electric taxis in Brussels.
- ENGIE has also supported Belgian broadcaster RTBF in the **study, deployment and management of a fleet of electric vehicles** used by employees for work purposes.
- ENGIE is also working on **solutions for smart charging**, in order to charge several vehicles at the same time, with more efficient consumption and at a lower cost.

