



BETTER MOBILITY TODAY

ELECTRIC CHARGING STATION NETWORKS

WHAT?

- **Designing charging station networks** and geographic coverage;
- **Charging stations** compatible with every electric car in the market.
- **Installation and commissioning** of charging stations;
- **24/7 operational maintenance**;
- **Power supply** to charging stations;
- **Smart management** of vehicle charging, with the possibility of contractual limitation;
- **Local power production** from renewable energy sources;
- **Collecting and analysing** power-consumption data;
- **Associated services:** network mapping updated in real time, user apps, etc.

WHY?

- **92% of the earth's inhabitants** today are exposed to poor air quality, according to the WHO, particularly in large cities.
- To fight against pollution and purify the air in towns, **developing electrical transport is a major lever.**
- But for towns, companies and private individuals to invest more in electrical vehicles, they need to have **fast charging stations** at strategic places in town.

- ENGIE **designs, installs and maintains** electrical charging station networks and **supplies these networks with electricity** including from renewable sources.

HOW?

TECHNICAL CONSULTANT PARTNERS

- **EV Box:** a Dutch company founded in 2010 that has become the leader in the electrical charging station market with 40,000 charging points installed worldwide. EV Box stations can easily be recognised by the LED ring around the charging socket.
- ENGIE announced in march 2017 the acquisition of EV Box, leader of the market, for the quality of the service offered by the company.

A HEADSTART FOR SMART CHARGING

- **ENGIE Lab works on smart-charging solutions for all types of electrical vehicles:** cars, bus or scooters. With these solutions, several vehicles can be charged simultaneously at the right time and up to the right level, to consume power more efficiently and protect existing power installations in case of overload.

INNOVATIVE FINANCING MODELS

- **To finance charging station networks in towns,** ENGIE innovates and proposes some inventive models. In Rotterdam, where ENGIE operates and provides maintenance and power for 3,000 stations, the revenue from operation, maintenance and power supply is used to finance the network installation.



FOR WHOM?

Local authorities like:

- The energy department of the Aube region (SDEA),
- Sydela, the energy department of Loire-Atlantique, SE 61 energy department,
- The energy department of the Seine-et-Marne region (SDESM) in France,
- The cities of Rotterdam, Amsterdam, The Hague in the Netherlands.

Companies like:

RTBF, ING, Belfius, Deloitte, SD Worx, PWC, ALD, SWIFT, BMW, etc.

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