



Showcase Zaanstad, Netherlands

Charging vehicles in a green smart way

The core of Zaanstad's showcase 'REloadIT' is innovative technology for clean mobility. This showcase aims to optimise the exploitation of renewable energy and electric mobility. Zaanstad is an 'energy prosumer': our local, clean, renewable and affordable energy meets the energy consumption of our electric fleet.



- Supply and demand are matched.
- Production and energy consumption are forecasted.
- Information on the level of charge and action radius of a car.
- Scheduled trips are matched with charging procedure and level of charge.
- Real time information on vehicle-to-grid connection (charging intensity).
- Charging all 17 vehicles without damaging the car park grid.
- Innovative cooperation and energy contract with energy supplier.

The REloadIT Smart Grid is introduced at small but scalable size. The business case is analysed for large scale implementation. The smart technology is developed in a public-privat partnership.

Showcase leader

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More information

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