

## Charge42: drive more, pay less

### Challenge for businesses and fleet managers

The energy transition is currently shifting up a gear. The electrification of the car fleet is also in full swing. The recent decisions by the federal and European governments to fully commit to electric cars and ban the internal combustion engine make it clear that additional charging capacity will be needed.

This poses a challenge to companies and business parks. Today, their power supply is traditionally dimensioned too small for an optimal charging infrastructure. Expansion is expensive and/or technically difficult. The cost of unlimited charging rises quickly. Companies and business parks therefore need to invest in extra space for charging stations and purchase charging stations. Moreover, their energy bills will also rise.

### Smart control offers solution

Charge42, the latest spin-off of VITO/EnergyVille, offers an innovative software solution that creates a smart charging plan tailored to a company's needs. The planning algorithm takes into account the charging needs of employees and visitors:

- When are they arriving?
- When are they leaving?
- How many kilowatt hours do they need to get to their destination?

Moreover, the algorithm will consider the predicted availability of renewable energy (solar and wind) and energy costs. This provides a flawless experience for users, while also optimising costs for the company.

### The Charge42-software is considering:

- The required amount of driving autonomy
- The energy cost
- The grid costs
- Local conditions such as expected PV production and building consumption.
- The possible presence of a local battery

### Benefits for companies or fleet managers

- Delivers maximum driving autonomy with current grid connection
- At the lowest possible cost
- Potential savings of up to €75/charging point/month

**Do you want to know more about Charge42?**

**Are you an investor or potential client?**

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