

# INOVOS project for Electromobility+

## Partners research

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# Inovos presentation



- Mélanie Luangsay
- Inovos: SME, consulting firm based in Paris, France
- With project experience in all Europe (Spain, Italy, UK, France, Belgium, Romania...)
- Expertise: automotive industry, quick charge project management
  
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# Necessity of QC for EV success

- Four times more mileage with a network of QC
- EV to become the primary vehicle
- **Issues to be solved:**  
Communication between quick charger and grid to adjust charge during peaks:
  - Increase final price of the charge
  - Decrease power supply to EV
  - Communication to the EV user

# Project proposal



- **Objectives:** Establishment of power efficient quick charge network without energy storage: grid friendly during peaks. Increase EVs user experience.
- **Existing partnership** with EVs and quick chargers manufacturers, remote control managing companies (gas field)



# *Electromobility+* Project proposal



- **Deliverables:**

- Which use of quick chargers, where are the best locations?
- Quick charger software layer for communication with grid (increase price of charge, decrease power supply...).
- Communication between quick chargers and EVs (eg GPS localization)



# Inovos profile

- **Inovos skills:** specialized in automotive industry technology implementation
- **Key topics:** technical research for establishment of efficient quick recharging network
- **Previous projects in the field:**
  - Ireland TOPAZ project management for supply of quick chargers (2010)
  - ENDESA project coordination with QC supplier (2010)
  - TOTAL Belgium QC project launch support (2010)

## **Existing partners:**

- QC manufacturers
- EVs manufacturers
- Communication with QC and remote control system manufacturer

## **Wanted:**

- Software engineer university
- Power utility company

- Thank you for your attention

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