



- Introduction
- Current strategy
- Technical proposal
- Deliverables

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- A lot of projects and insights about smart charge or V2G
- Smart charge from charging grid operator perspective
  - DSO's : avoid grid overload
  - Parking :
    - Cope with limited power to satisfy maximum number of customers (short term rental)
    - + Optimize installed power especially at night
- Smart charge for an OEM :
  - + Provide green energy
  - + Provide energy cost savings to EV Drivers
  - Make sure customer is charged when he's leaving

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- Already a technical standard to manage the charge
  - IEC 15118
  
- However :
  - *No clear business model for customer*
    - “I have a fixed energy price (flat or D/N). Why should I let someone manage my charge and limit my mobility ?”
    - “Why should I pay more than 300€ (EV + Wbox) to allow smart charge ?”
  
- **For Renault** : key stake is to allow DSOs to analyse the benefits and define a way to decrease customer running costs.

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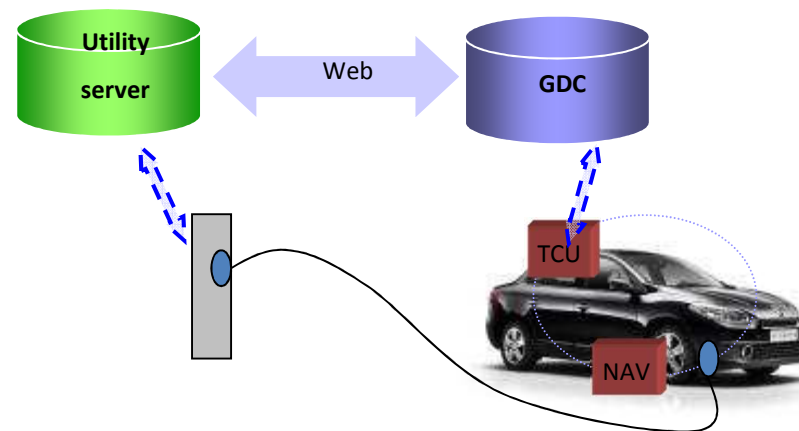


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- Leasing battery ⇒ real time battery follow up
- Gives the opportunity to provide real time State of Charge
  - Allows utility to manage load via current poles



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- Expectation :
  - Global economics
  - Energy contract
- Important use cases for OEMs :
  - Fleet in their own premisses
  - Fleet on other premisses
  - At Home
  - In Public
  - In Private parking on publicly accessible places

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