Across Continents Electric vehicle Services - ACES

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Bornholm Grid Data

Driving & Charging Data

Economic Results

System-wide services – Frequency control
- Regulation of unidirectional charging
  - Capacity payment: €52
- Bidirectional V2G 15 hours per day
  - Capacity payment: €1100
  - Throughput: 12 MWh
  - Energy losses: €200

Local Services – DSO flexibility
- Congestion management €10

Electricity market savings from
- Smart charging: €43
- V2G arbitrage: €52

Frequency Regulation

Field Tests on Bornholm

Degradation Measurements


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ACES Project (EUDP grant nr: EUDP17-I-12499)