

VEHICLE-GRID INTEGRATION SUMMIT

- A Movement Of Worldwide V2G Demonstrators

NOVEMBER 21.-22., 2018

You are hereby invited to participate in an exciting two-day event focusing on state-of-the-art Vehicle-Grid Integration projects.

Why go:

- Hear how V2G has successfully been tested on the newest models of electric vehicles - both in the lab and in the field
- See and touch the technology - including cars and chargers - that can support the power system of tomorrow
- Learn about the future of the technology and how it may scale - technically and economically - to support a power system based on renewables.

In addition to the results of the Danish projects, **Parker** and **ACES**, the two-day event will also feature leading experts and international projects within VGI and V2G research.

SIGN UP THE THE SUMMIT HERE



Venue:

DTU Risø Campus
Building 112
Frederiksborgvej 339
4000 Roskilde

Contact:

For further information, please contact Peter Bach Andersen (Parker) at pba@elektro.dtu.dk or Mattia Marinelli (ACES) at matm@elektro.dtu.dk



Danmarks
Tekniske
Universitet



Opening: Mette Frederiksen
Head of the Social Democrats - the biggest political party in Denmark. She will address the electrification of transportation in Denmark

Keynote: Willett Kempton
V2G guru and professor at the College of Earth, Ocean, and Environment at University of Delaware.



PROGRAMME

Day one - November 21st

09.00 – 09.15	Arrival and Registration
09.15 – 10.00	Opening Session
10.00 – 11.00	Parker – Practical Experience <ul style="list-style-type: none">• Crossbrand service testing in PowerLabDK• Field testing at Frederiksberg Forsyning - barriers and business case• Battery patterns• V2G impact at Frederiksberg Forsyning• Usage data at Frederiksberg Forsyning
11.00 – 11.15	Coffee Break
11.15 – 12.15	Parker – Technological Readiness <ul style="list-style-type: none">• Parker enabling technologies (AC vs DC, Protocols, EVs)• GAP analysis• The Parker test protocol• Crossbrand performance testing in PowerLabDK
12.15 – 13.15	Lunch
13.15 – 14.15	Parker – Business Potential <ul style="list-style-type: none">• V2G in a DSO Market – services and setup• What is the economic value of V2G in Denmark? - The business potential• European potentials – where is V2G relevant?
14.15 – 14.45	Seminar, Round Table & Coffee
14.45 – 16.45	ACES Project <ul style="list-style-type: none">• ACES project – scaling up the system integration• Driving patterns and charging profiles – lesson learned from Japan• 100% EVs on the island of Bornholm• Controlling the frequency – scheduling and degradation• Managing the distribution grid – what's the limit?• Stabilizing the island of Bornholm with V2G chargers
16.45 – 17.00	Wrap Up

Day two - November 22nd

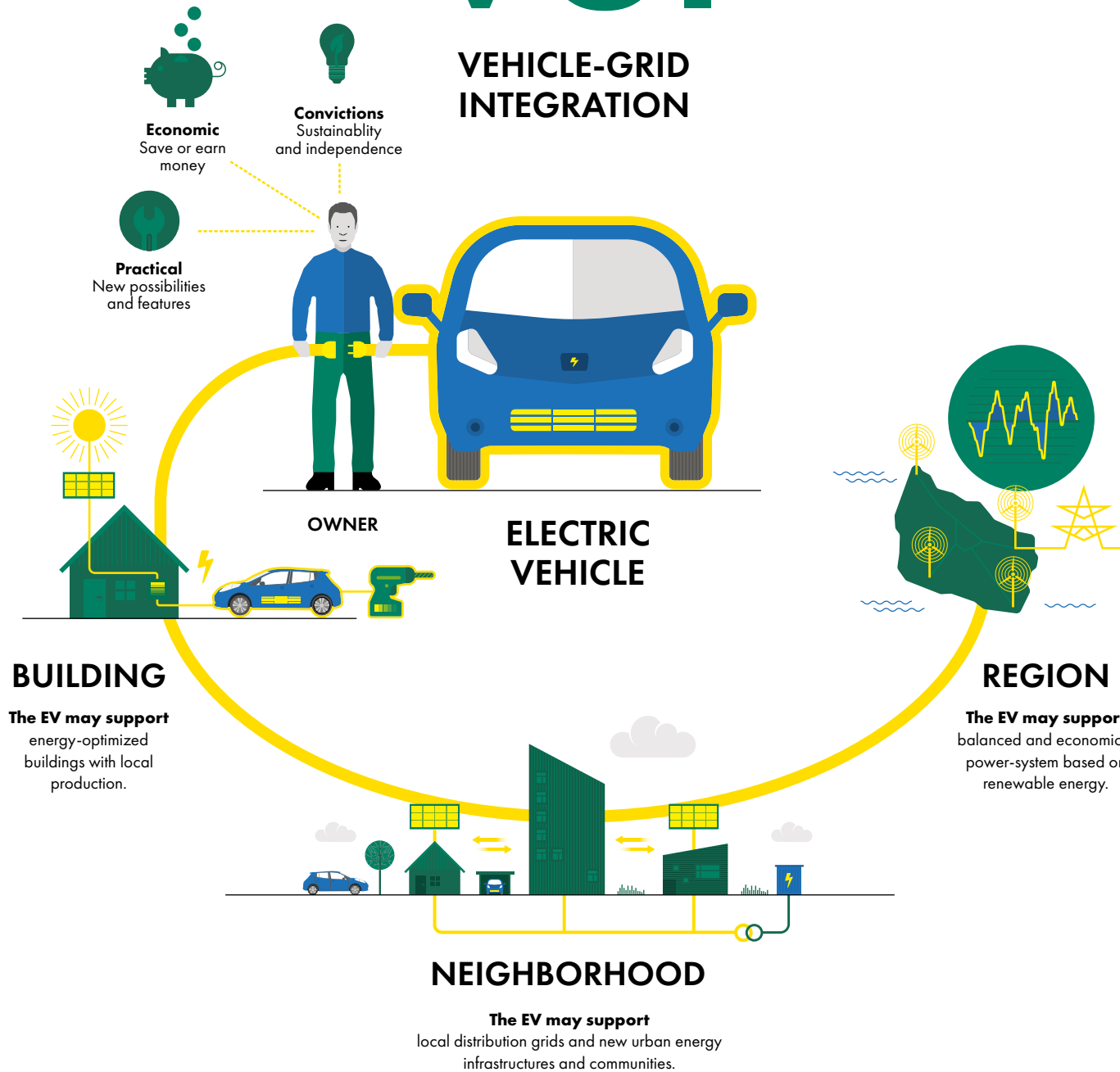
09.00 – 09.15	Opening Session
09.15 – 09.45	Keynote 1
09.45 – 10.55	EU Projects - V2G Worldwide Overview <ul style="list-style-type: none">• A Global V2G Project Review• IEA Task 28• InnovateUK
10.55 – 11.20	Coffee Break
11.20 – 12.30	EU Projects - Cutting Edge Demonstrators <ul style="list-style-type: none">• GridMotion• Invent• E4 Future
12.30 – 13.00	Seminar & Round Table
13.00 – 14.00	Lunch
14.00 – 15.00	OEMs on V2G
15.00 – 15.15	Coffee Break
15.15 – 15.45	Keynote 2: Willett Kempton
15.45 – 16.00	Wrap Up

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VGI

VEHICLE-GRID INTEGRATION



Participating projects



- IEA Task 28
- InnovateUK
- GridMotion
- Invent
- E4 Future