

Accelerating E-Mobility



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Our Aim

ENEVATE aims to facilitate and support an accelerated and well informed introduction of electric mobility in North West Europe through structured transnational cooperation between public authorities and business representatives.

In doing so, the project aims to boost innovation and competitiveness of the rapidly developing electric vehicle sector in NWE and at the same time contribute to the urgent environmental challenge of reducing CO2 emissions.

ENEVATE targets electric road vehicles, energy infrastructure, integrated mobility concepts, and demonstrates the potentials through pilot actions and enables other actors too.



WP 4: Pilots

WP lead: ATC, Netherlands

Main aim is to demonstrate the validity of the ENEVATE tools and outputs through their implementation in several regional EV pilots

This is done by:

- Analysing existing EV Pilots in NWE regions
- Set-up pilot guidelines for pilot owners
- Asses and benchmark international pilots

The findings will be implemented in regional pilots, in order to support the quality, efficiency, effectiveness and sustainability of pilots, by implementing the recommendations and guidelines in a selected number of high level “real world” pilots.

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European Network of Electric Vehicles and Transferring Expertise
Accelerating E-Mobility

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ENEVATE aims to facilitate and support the accelerated introduction of electric mobility in NW Europe through structured transnational cooperation between public authorities and business representatives.

ENEVATE partners EV Stakeholders EV Pilots



SWITCH EV
Pilotname: SWITCH EV
Time frame: 05.05 - 05.13
Vehicles involved: 49
Technology route: EV trials, user behavior, performance, etc.

>> Go to all ENEVATE partners
>> Go to all EV Stakeholders
>> Go to all EV pilots

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Databases > EV pilots

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SWITCH EV (United Kingdom)
Switch EV is one of only 8 projects across the UK to have won funding through the Technology Strategy.

Electric Mini Munich (Germany)
Regional Pilot initiated by the National Government with a number of 10 Electric vehicles from ...

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- What has been achieved:
 - Successful tenders for test beds (9 projects)
 - Successful R&D tender (15 projects)
 - Dutch agreement on technical aspects (plug)
 - Public access to charging facilities
 - Extension of the tax benefits
 - Launch of a battery-testing centre in Helmond
 - Vision and roadmap for the Government
 - Intensified international collaboration
- Stimulation package for the future:
 - Tax benefits (Private motor vehicle, motor cycle tax BPM, motor vehicle tax MRB)
 - Focus areas, market segments, international test beds, communication and R&D: € 9mln
 - High tech areas including Smart Grids: € 26mln
 - EU subsidy schemes

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Pilots in the Netherlands



Stichting Urgenda voor Texel
Gastvrij Elektrisch Vervoer -
Opladen op Texel
26 EV's



Van Gansewinkel Groep voor
Proeftuin elektrische
vuilniswagens bij Van Gansewinkel
group
8 Electric garbage trucks



Peter Appel Transport B.V. voor
Elektrisch bezorgen van
levensmiddelen
40 EV's



L.A.J. Duncker B.V. voor
Fijnmazige stadsdistributie met
elektrische vrachtwagens
voorzien van cryogene
koelinstallatie
15 10T trucks

Ontwikkelingsmij Den Haag
voor Elektro-pool Haaglanden
15 EV's

STEDIN voor 75-EV's-RO
75 EV's and plug in hybrids



SLIM Elektrisch
rijden Noordoost
Brabant



Deelautopark
Paleiskwartier



Collect Car B.v. voor Elektrische
Greenwheelauto's in de G4
25 EV's



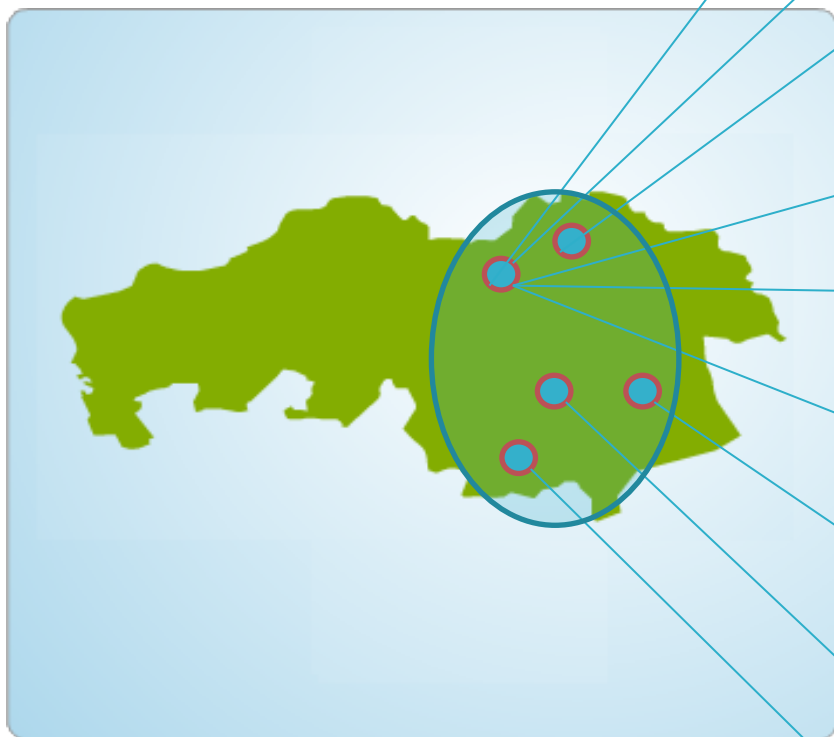
Cornelissen Transport BV voor
CityShopper elektrische stedelijke
bezorgservice



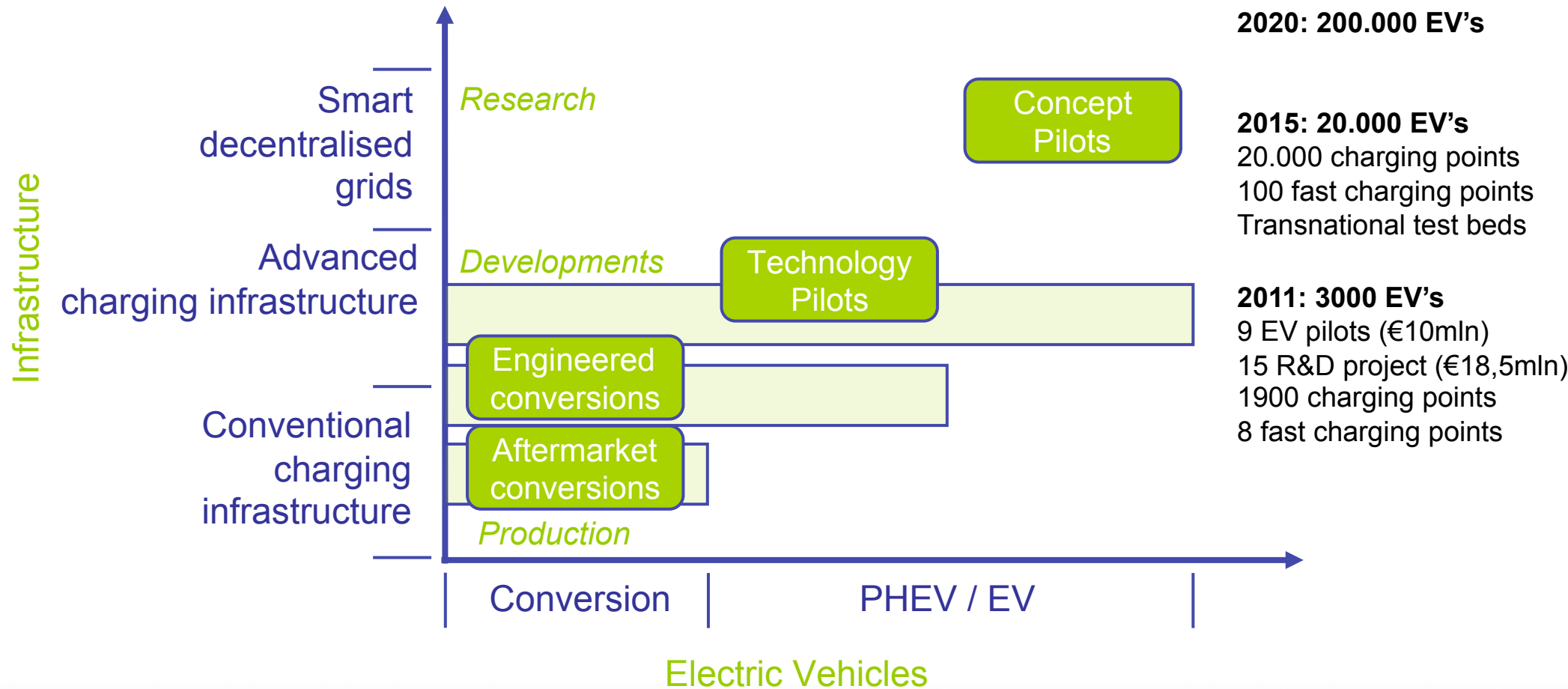
Prestige
Taxicentrale voor
Prestige Greencab
18 taxi's and 50
charging points



- Brabant is a highly industrialized, knowledge-intensive region
- Strengths: automotive, high-tech, smart grids
- Subsidypackage: Regeling Elektrisch Rijden en Slimme Decentrale Netwerken
 - Support in realising marketintroductions of Electric Driving and smart infrastructures
 - Crosssectoral Innovations: Automotive, High Tech Systems, Grid
 - Connection between Technology Push (Breakthrough Innovations) and Market Pull (Pilot Projects)
- Total EUR 2,8 mln subsidy available
 - 1st Tender July 2010 (EUR 1 mln)
 - 2nd Tender December 2010 (EUR 1,8 mln)
 - End of Project December 2011
- Pilot visit in Q2 2012



1. **SLIM Elektrisch rijden Noordoost Brabant:** Charging infrastructure for electric fleet in public area of Den Bosch.
2. **Pro OV:** Development of 12m public transport bus with inductive charging. Den Bosch.
3. **Electrical Charging Inverter Device:** High power inverter system for commercial vehicles and industrial equipment. Oss
4. **ETR:** Full electric HD-TV reporter vehicle for sports events. Den Bosch
5. **Deelautopark Paleiskwartier:** Electric car park for business users in Den Bosch, charging and parking.
6. **IPT Bus:** Pilot with 12m city bus and inductive charging. Den Bosch.
7. **Zero Emission Phileas:** Inductive charging system for public transport systems, 24m city bus. Helmond
8. **STaR Range Extender:** Development of a new type range extender. Eindhoven
9. **E-truck on the road:** Electric/ hybrid DAF garbage truck. Westerhoven
10. **Smart Charging:** smart charging based on existing infrastructure with Better Place



Source: Roland Berger study PNB for the province of Noord-Brabant

Closing comments ...

Thank you, good bye and please visit us at:

WWW.ENEVATE.EU