

Showcase Bavaria-Saxony ELECTRIC MOBILITY CONNECTS

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Showcase Regions for Electric Mobility

In April 2012, the German Government selected four regions in the country to act as 'Showcase Regions for Electric Mobility'. Based on a decision by the German Bundestag, research and development into alternative drive systems is to take place across each of these regions. The Federal Government is providing a total of €180 million in funding for these large scale demonstration and pilot projects. The aim is to test electric mobility within the overlapping systems of energy, vehicle, and transport."

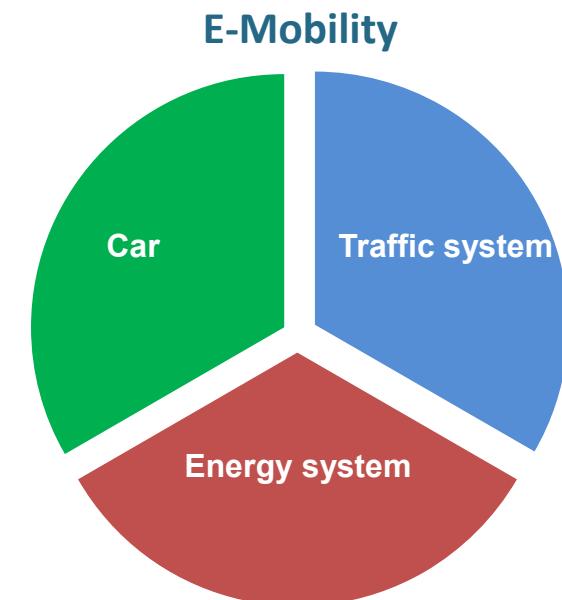
More information is available at
<http://www.schaufenster-elektromobilitaet.org>
(German language only)



Understanding of Electric Mobility

Electric mobility:

- ***...is more than just an alternative drive system***
- ***...is a comprehensive approach, a forward-thinking sustainable mobility concept for different user groups***
- ***...is environmentally friendly***
- ***...is essential for German economy.***



Main focus areas

Long distance

- DC fast charging stations every 90 kilometers along Highway A9 from Munich to Leipzig
- Expansion to Berlin and Vienna is part of current considerations

Urban mobility

- Electric mobility in urban regions requires high standards in urban development and planning
- Development of new parking and charging infrastructure concepts for private and commercial users
- Electric mobility in rural areas is complex, due to longer distances and challenging topography
- Analyzing user behavior of public, private and touristic users

Rural mobility

- International visibility through trade fairs, airports and tourism
- Cooperation with the Federal Republic of Austria and Canada's largest province Quebec

Internationality

- Three-tier approach regarding school education, job training and academic training

Education and training

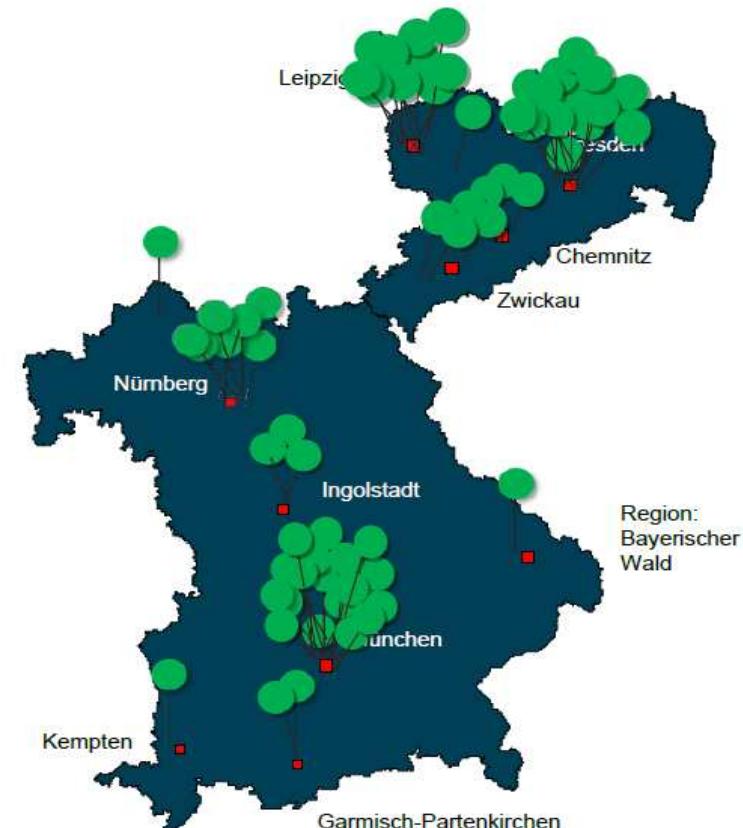
Projects

In total about 40 projects
Total package over EUR 130 Mio.

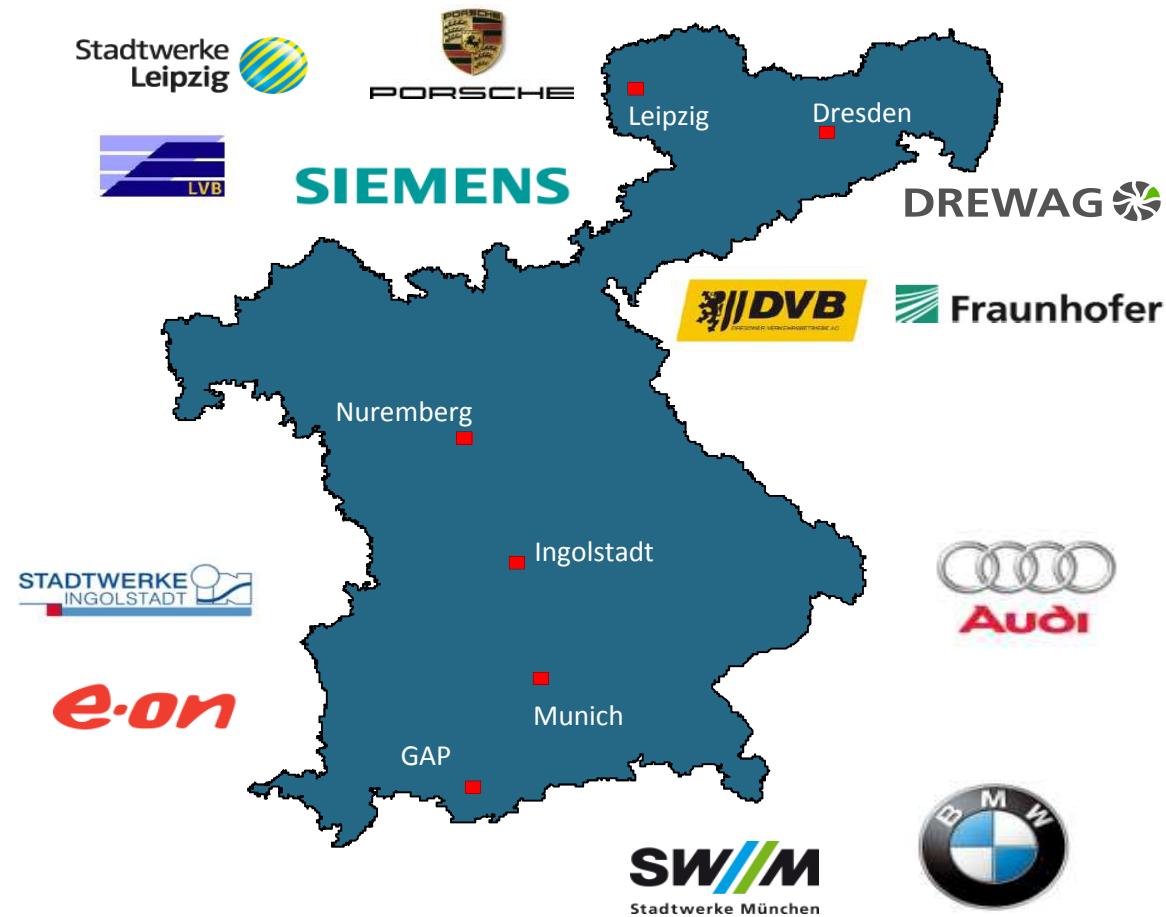
□ Public funds
■ Total package



* Around EUR 39 Mio. by the Federal Government
and EUR 15 Mio. by each of the Free States of
Bavaria and Saxony



Over 100 Partners



Main focus area: Long distance



DC fast charging stations along the Autobahn A9

- Further development of the Pilot Region project “Drive e-charged“ in Munich
- Goal: Long-distance mobility with electric vehicles
- Implementation of the **IEC Combo-connector**
- Electric vehicle prototypes **field tests**

SIEMENS **e.on**



Main focus area: Urban mobility



Stadtreinigung Dresden GmbH (city cleaning): Electric Mobility in the waste management of the City of Dresden

- Improvement of the noise pollution especially during night cleaning
- Field tests to generate data for fleet applicability, optimisation of route planning
- Determination of infrastructure needs