

# CEDR Workshop on Electric Road Systems

## Agenda for Day 1

|               |  |               |
|---------------|--|---------------|
| 13:00 – 14:00 | Lunch  | All           |
| 14:00 – 14:15 | Participants' introductions  | All           |
| 14:15 – 14:45 | Presentation of test track for Siemens' ERS concept (eHighway)   | Siemens       |
| 14:45 – 16:00 | Visit to test track with eHighway-trucks in operation  | Siemens       |
| 16:00 – 16:30 | Decarbonisation of road transport - Comparison of technical options including electric road systems          | Oeko Institut |
| 16:30 – 17:00 | Electric Roads around the world  | Viktoria ICT  |
| 17:00 – 18:00 | Presentation of on-going ERS demonstration and development activities  |               |
|               | <ul style="list-style-type: none"> <li>• Technical Review of eHighway</li> </ul>                             | BASt          |
|               | <ul style="list-style-type: none"> <li>• Pre-commercial procurement of ERS demonstration projects</li> </ul> | Trafikverket  |
| 18:00 – 19:00 | Presentation of proposed ERS field trial or pilot projects   |               |
|               | <ul style="list-style-type: none"> <li>• Planned ERS project</li> </ul>                                      | Norway        |
|               | <ul style="list-style-type: none"> <li>• <b>German field trial</b></li> </ul>                                | Siemens       |
| 19:00 – 20:00 | Return to hotel  | All           |
| 20:00 – 22:00 | Dinner   | All           |



SIEMENS



# Field trial in Germany

Scania ©

CEDR Workshop on Electric Road Systems - Day 1

March 14, 2016

Groß Dölln, Germany

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[siemens.com/answers](http://siemens.com/answers)

# Field Trial Germany

## Background information

**3rd of December 2014:** The cabinet of the German Federal Government decided the implementation of the following two proposals:

- Aktionsprogramm Klimaschutz 2020 of the Ministry of Environment (BMUB)
- Nationalen Aktionsplan Energieeffizienz of the Ministry of Transport (BMVI)

Both papers demand a **Field trial of the electrification of heavy duty vehicles** on public roads within this legislative period (ends September 2017).

**10th of November 2015:** The so called “Richtlinien zum Förderprogramm Erneuerbar Mobil“ was published defining further details on how such field trial is to be realized:

Item 2.2 describes a field trial for testing of electric drive systems of heavy duty vehicles and the power supply via overhead contact lines.

**Aim:** Realization of a pilot track on public roads for the power supply electrically driven heavy duty vehicles via overhead contact line system as well as realistic electric operation of these vehicles.

# Field Trial Germany

## Background information

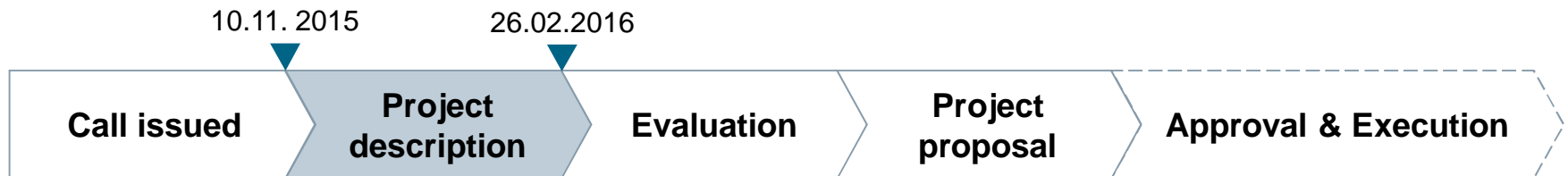
### Preconditions:

- Involvement of all required operational partners
- Selection of a suitable route
- Participation of the regional administrative body in charge of the selected route

### Next step:

Project Sponsor to announce results of evaluation

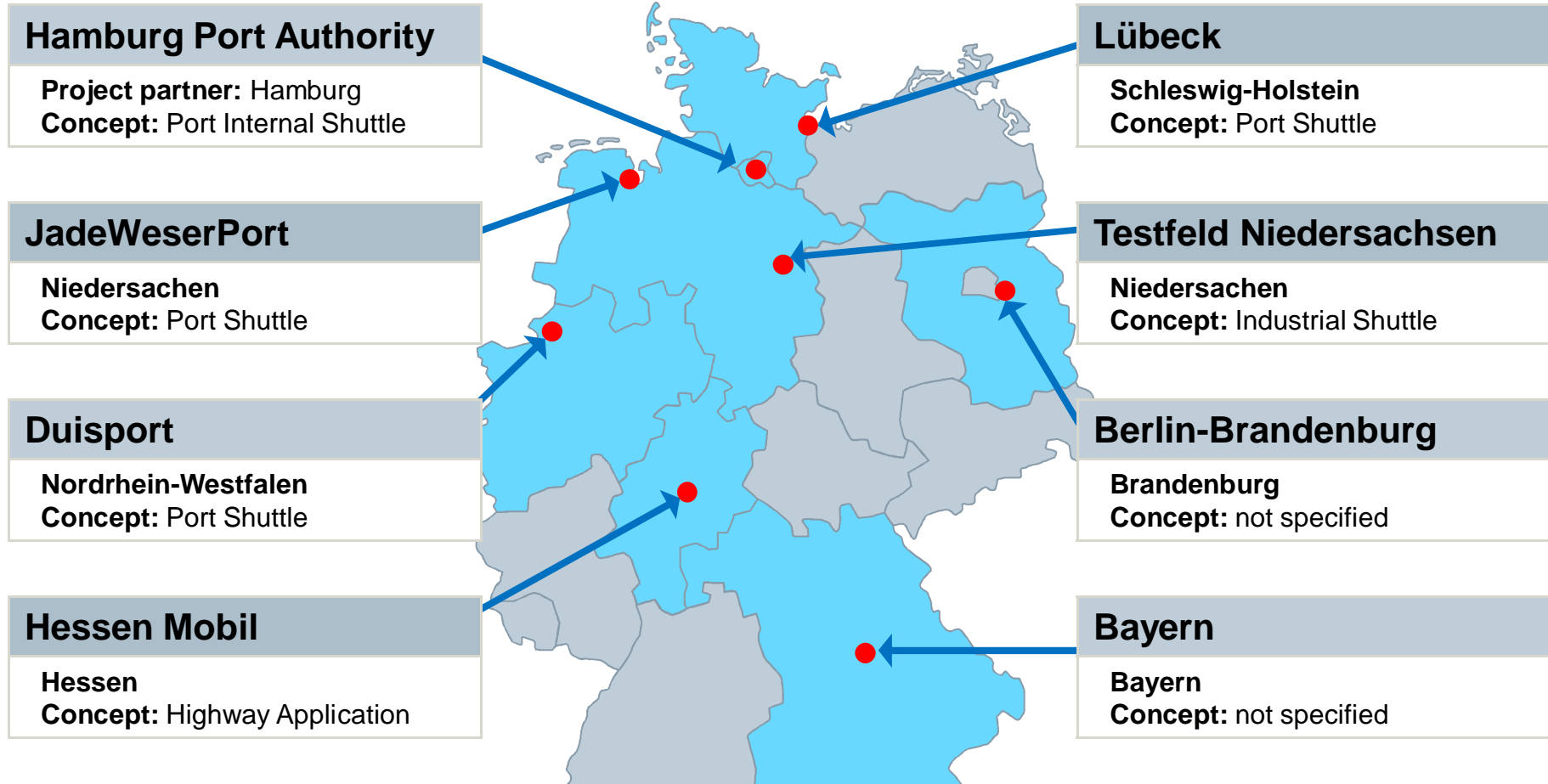
### Timeline:



- Project sponsor makes Call public
- 15 pages
- Project setup, Scope description, Costs
- Project sponsor
- Extensive description of project
- Break down of work packages
- Detailed cost and time plan

# Field Trial Germany

## Identified opportunities



**Most likely only one field trial will be realized**

# Contact



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