



# Electricity Highways Platform

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## State of play

- December 2010 Florence Forum established **Electricity Highways Platform to accompany MoDPEHS elaboration** (Modular Development Plan for an Electricity Highway System) by ENTSO-E until 2014
- First meeting of Platform steering committee (DG ENER, ENTSO-E, ACER/CEER) on 5 avril 2011 to discuss objectives, organisation, tasks and composition of platform
- ENTSO-E public consultation workshop on MoDPEHS roadmap on 10 May 2011
- DG Research / DG Energy FP7 « electricity highways » call to be published in summer 2011
- **Proposed next steps: first platform meeting in S2 2011, launch of specific working groups in 2012**

## ● **Electricity Highways Platform (EHP)** **Proposed set-up**

- **Stakeholder platform** lead by European Commission (DG ENER), together with ENTSO-E, bringing together all relevant stakeholders to discuss issues around preparation of MoDPEHS and accompany FP7 project
- **Steering Committee** (DG ENER, ENTSO-E, regulators) to ensure coherence and synergies with other EU initiatives and prepare regular reporting and decisions for Florence Forum meetings
- **Issue-specific working groups** to be established in line with needs of the MoDPEHS preparation process

# ● Electricity Highways Platform (EHP)

## Proposed tasks

- **Ensure involvement of all relevant stakeholders in MoDPEHS preparation process**
- **Guarantee transparency of all electricity highways related studies and work to be carried out with EU R&D co-financing, notably with regard to modelling**
- **Provide feedback and orientation to ENTSO-E on work for MoDPEHS preparation, notably:**
  - » Generation development scenarios
  - » Pan-European grid architecture options
  - » Socio-economic and industrial policy consequences
  - » Research and development needs
  - » Legal, regulatory and organisational framework

# ● Electricity Highways Platform (EHP) Proposed list of stakeholders (1)

## ● *Administrations and agencies:*

- » European Commission
- » National energy ministries
- » Energy Community (framework btw. EU and the south-eastern non-EU states)
- » IEA (International Energy Agency)
- » FEDARENE (European Federation of Regional Energy and Environment Agencies)

## ● *Regulators:*

- » ACER (Agency for the Cooperation of Energy Regulators)
- » CEER

# ● Electricity Highways Platform (EHP) Proposed list of stakeholders (2)

## ● *Network operators:*

- » CEDEC
- » EDSO
- » ENTSOG
- » GEODE

## ● *Investors:*

- » Long-term Investors Club, including EIB, KfW, CDC and CDP (<http://www.ltic.org/en-gb/home.html>)
- » possibly other banks or investors

# ● Electricity Highways Platform (EHP) Proposed list of stakeholders (3)

## ● *Energy producers:*

- » COGEN Europe
- » EASE
- » EHP
- » EREC
- » EPIA
- » ESTELA
- » Eurelectric
- » Eurogas
- » Europia
- » EWEA
- » GWEC

# ● Electricity Highways Platform (EHP) Proposed list of stakeholders (4)

## ● *Equipment manufacturers:*

- » ABB
- » Alstom
- » Europacable
- » Friends of the Supergrid
- » General Electric Europe
- » HEA
- » Nexans
- » Prysmian
- » Siemens PTD
- » T&D Europe

# ● Electricity Highways Platform (EHP) Proposed list of stakeholders (5)

## ● *NGOs and unions:*

- » ECEEE
- » EPSU
- » Greenpeace
- » G-10 group of environmental protection organisations
- » RGI
- » WWF

## ● *Energy consumers and traders:*

- » BEUC
- » EFET
- » IFIEC

# ● Electricity Highways Platform (EHP) Proposed list of stakeholders (6)

## ● *Experts / Consultants:*

- » CESI (Bruno Cova)
- » Det Norske Veritas and/or Germanischer Lloyd
- » DIW (Christian von Hirschhausen)
- » ECN
- » E3G
- » Energynautics
- » ETH Zürich
- » EUI (Jean-Michel Glachant)
- » IIT (Ignacio Perez-Arriaga)
- » KEMA
- » KU Leuven (Ronnie Belmans)
- » RWTH Aachen (Albert Moser)
- » SINTEF Energy Research (Bjørn Bakken)
- » TU Berlin (Kai Strunz)
- » Universität Erlangen (Matthias Luther)