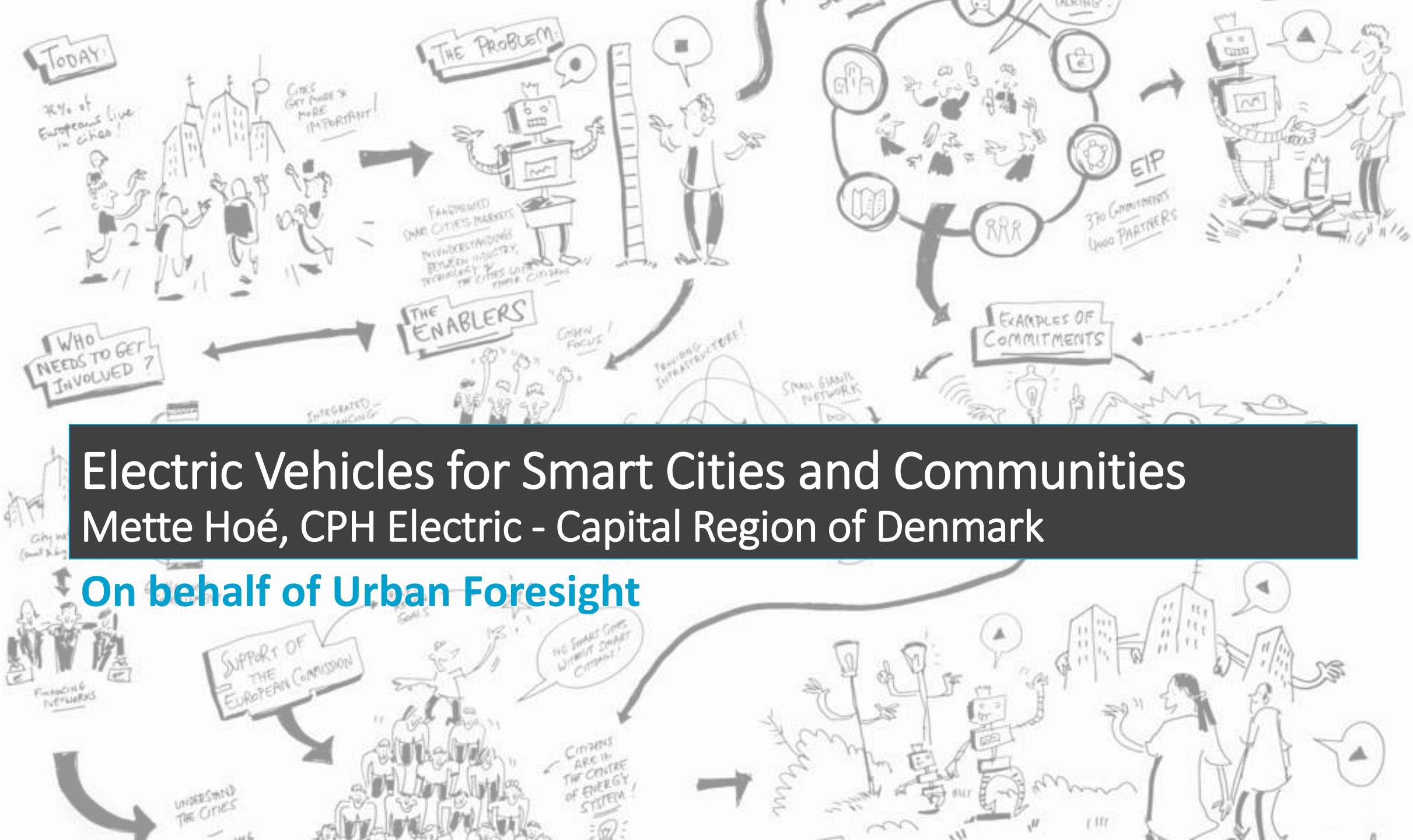


Electric Vehicles for Smart Cities and Communities

Mette Hoé, CPH Electric - Capital Region of Denmark

On behalf of Urban Foresight

Background

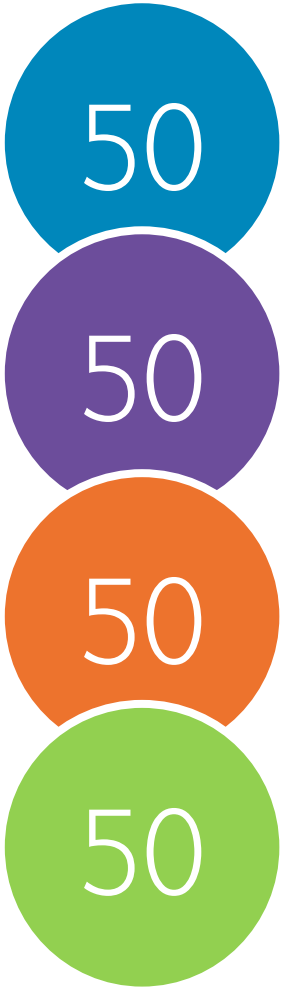
Mobilising a Europe-wide dialogue on the potential for electric vehicles to be integrated with smart city initiatives

Set-up and chaired by smart cities consultancy Urban Foresight

Officially launched by Commissioner Bulc in January 2016

7 marketplace events held to date

Objectives



cities from across Europe to join the platform

% SME participation in the EV4SCC platform

% increase in the number of active collaborations between EV4SCC partners.

new projects which will focus on one of the key market segments.

Working approach

Focus on four workstreams:

e-freight: sharing knowledge on e-freight, identifying e-freight solutions and find ways to replicate them in interested cities ultimately offering to FREVUE a means to carry on some of its activities, after the end of the grant period.

e-bus (Gothenburg in collaboration with a H2020 project on e-buses): With the general goal of supporting cities replacing their ICE buses with electric buses

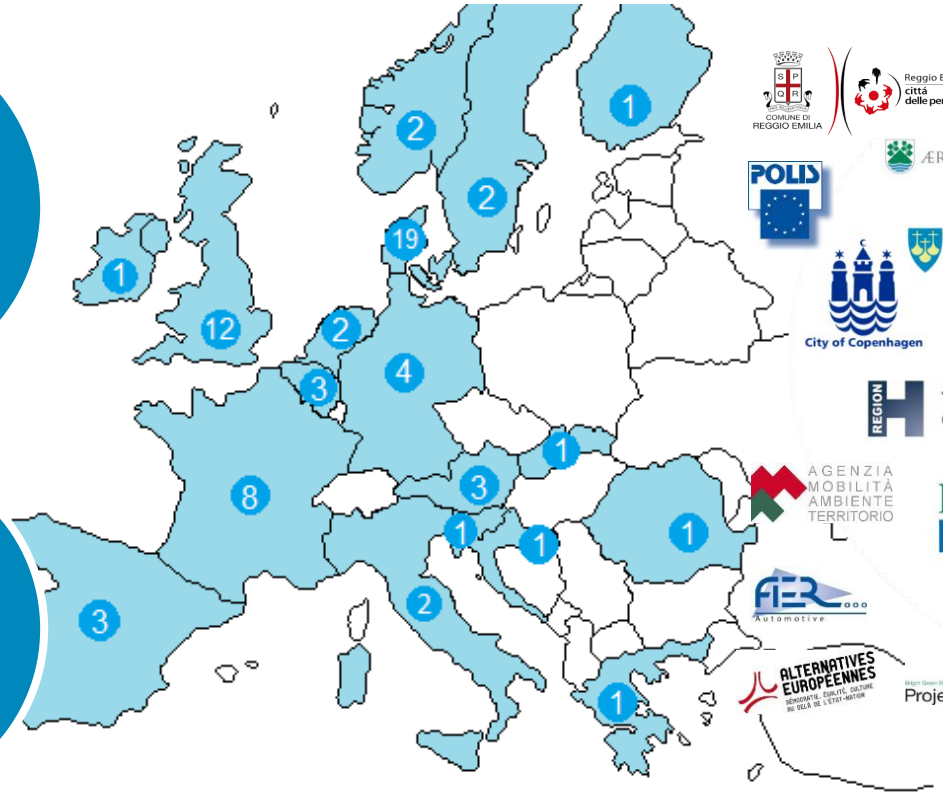
e-fleet: supporting the deployment of e-vehicles for fleet, public and private fleet and in particular for car sharing, finding new types of business modelling, funding and financing tools.

e-Planning and smart charging: supporting public authorities to plan e-mobility and integrate it in their SUMP, and integrating smart charging (Vehicle to City concept).

Stakeholders involved

76
partners

19
countries



COMUNE DI REGGIO EMILIA
Reggio Emilia città delle persone
Sheffield City Council
Kolding Kommune
INSERO E-MOBILITY
lisitt
IRTIC
THE TEV PROJECT
eLIPTIC
Resourcefully
POLIS
ÆRØ KOMMUNE
greenway
JOANNEUM RESEARCH
Middelfart KOMMUNE
VALLENSBÆK KOMMUNE
FRevue
URBAN FORESIGHT
savjets
Møre and Romsdal County Authority
vejle KOMMUNE
THISTED KOMMUNE
Safra
ROUTEMONKEY
ubitricity
City of Copenhagen
Albertslund Kommune
PRIMĂRIA MUNICIPIULUI SUCEAVA
bridging IT
Menschen Methoden Lösungen
MOVE ABOUT
îledeFrance
edenway
respiro
REGION
The Capital Region of Denmark
CopenhagenElectric - The Regional EV Secretariat
IBI
SMITH
mop
Écomobilité partagée
orange
NISSAN
AGENZIA MOBILITÀ AMBIENTE TERRITORIO
Ajuntament de Barcelona
Dundee City Council
www.dundeecity.gov.uk
Kneeshaw
ESB
Energy for generations
etrel
KEBA
Automation by innovation.
City of Gothenburg
TRANSPORT SCOTLAND
Altreonic
e·on
VINDENERGI DANMARK
Newcastle City Council
austriatech
ARRIVA
ZeEUS
ProjectZero
circe
IREC
SP
clean
VDI|VDE|IT

Work plan

Strengthening platform externally

- More visibility in front of CIVITAS
- Intensify links with Electromobility Forum
- Establish an e-freight platform
- Name 4 best case examples from the platform, highlighting EV4SCCs 4 terms

Strengthening platform internally

- Identify rewarding mechanism for cities, projects etc. within the platform
- Annual meeting between project leaders/driving forces
- Agreement upon EV4SCC partner's "Commitment to Action"
- Improve sign-up for commitments from stakeholders

New members benefits of joining EV4SCC

- Access to a wide range of technology and expertise related to electric mobility in smart cities
- Access to an electric vehicle marketplace that facilitate open innovation, collaborative problem solving etc.
- Collaboration with companies with expertise and solutions in ITC, transport and mobility, urban planning etc.
- Collaboration with public expertise and thereby close to the end user

Future collaborative initiatives in EV4SCC to help:

- Step-up R&D efforts
- Coordinate investments in pilots
- Anticipate future standards and regulation
- Mobilise demand for EV's

To join the platform

Contact David Beeton

At david.beeton@urbanforesight.org

Or Urban foresight at hello@urbanforesight.org