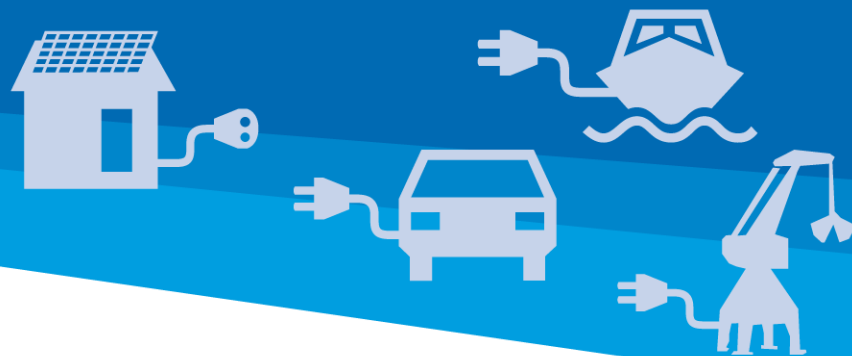


e-harbours
electric



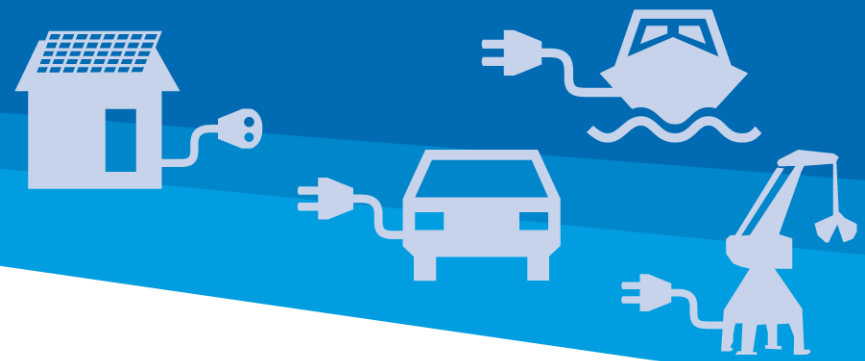
e-harbours Mid Term Event

9 May & 10 May 2012

Bruges (BE)

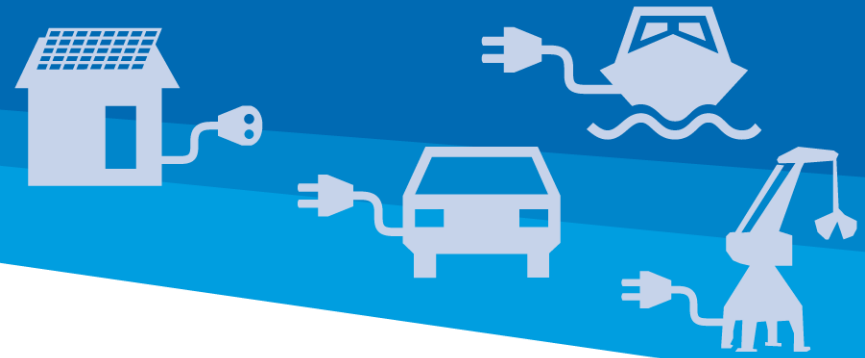


e-harbours
electric



Special thanks to: I-SUP



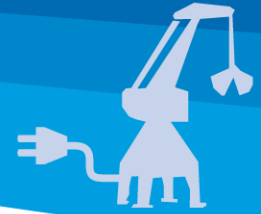
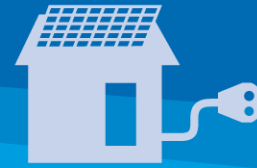


General outline:

ShowCases explained

Guest Speakers' point of view

e-harbours
electric



Interreg North Sea Region Development Fund

The Interreg IVB North Sea Region Programme

*Investing in the future by working together
for a sustainable and competitive region*

Hochschule für Angewandte
Wissenschaften Hamburg
Hamburg University of Applied Sciences

pure
ENERGY CENTRE

City of Amsterdam

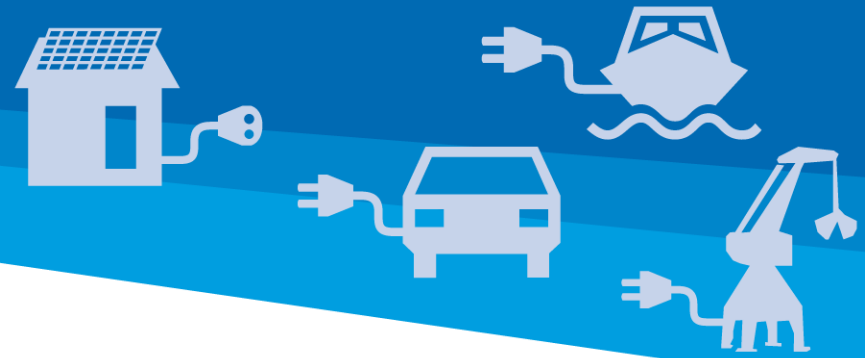
Malmö stad

vito
vision on technology

**ROBERT GORDON
UNIVERSITY-ABERDEEN**

**Port of
Antwerp**

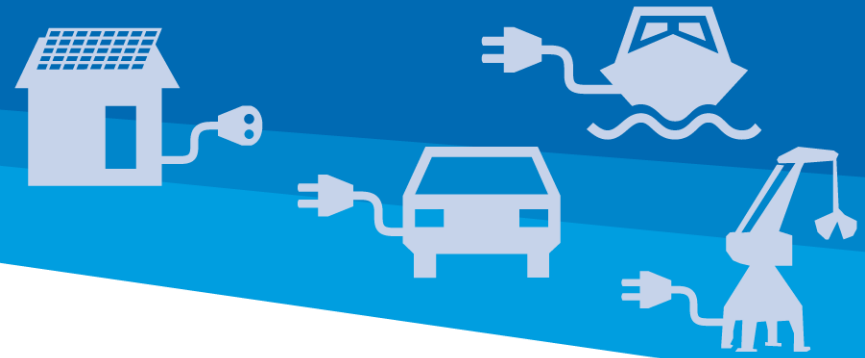
ZNSTD



Day 1:

ShowCases: Antwerp & Hamburg:

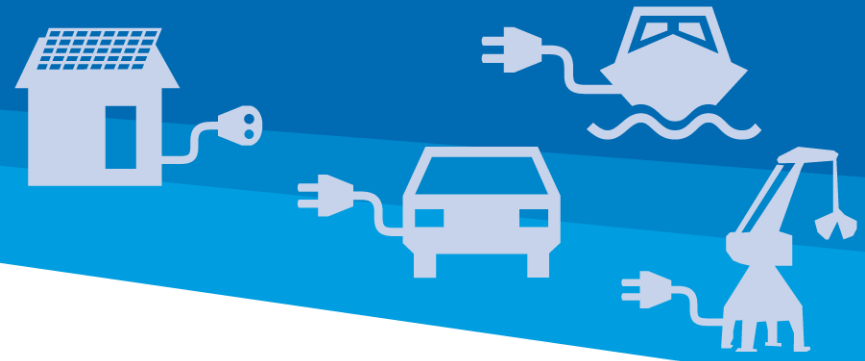
Guests: TNO & CG Global



Day 2:

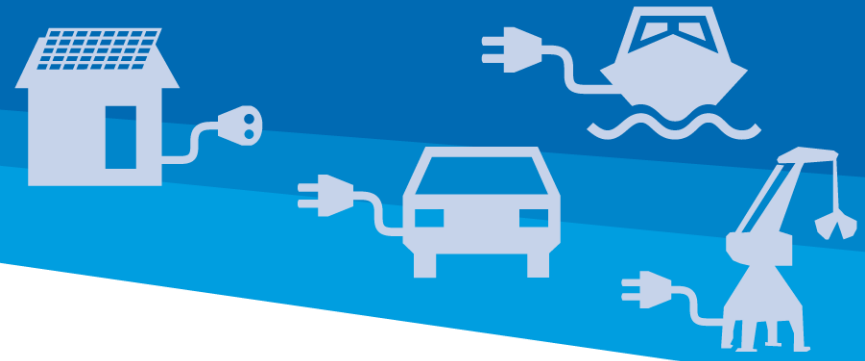
ShowCases: Malmö, Shetlands & Amsterdam

Guests: GreenIT, CNSS



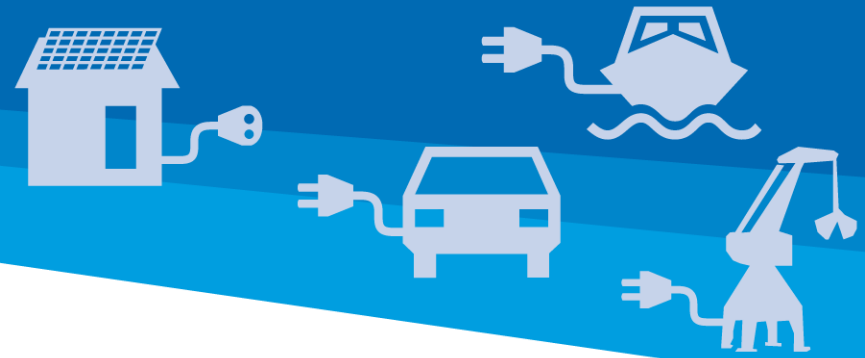
e-harbours: changing points of view





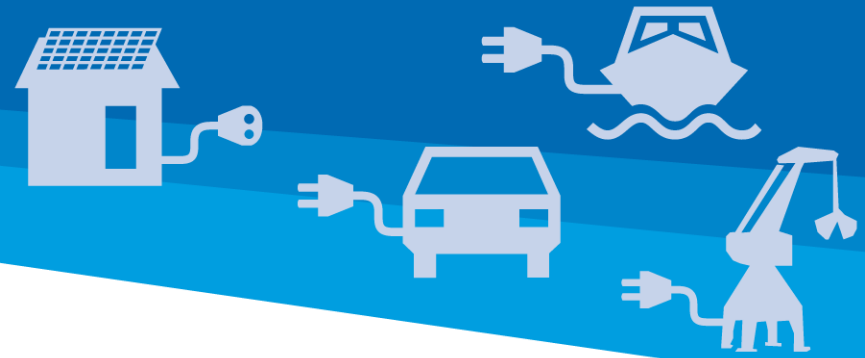
Findings 1:

- Balancing & timeshifting make sense
- Loadshedding and peakshaving is OK



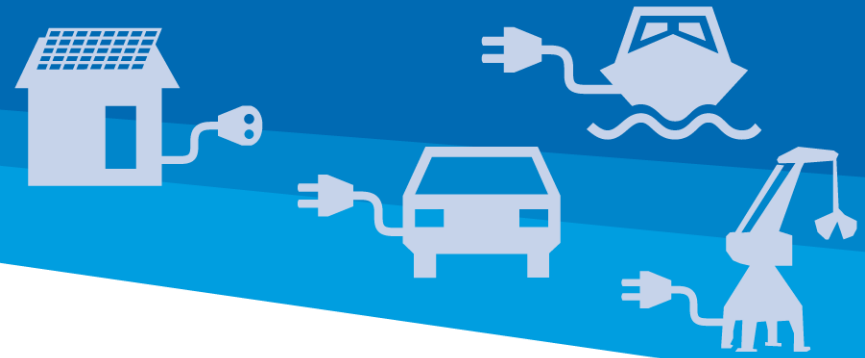
Findings 2:

- Large end-consumers targetgroup
- e-harbours' pitch well-received
-



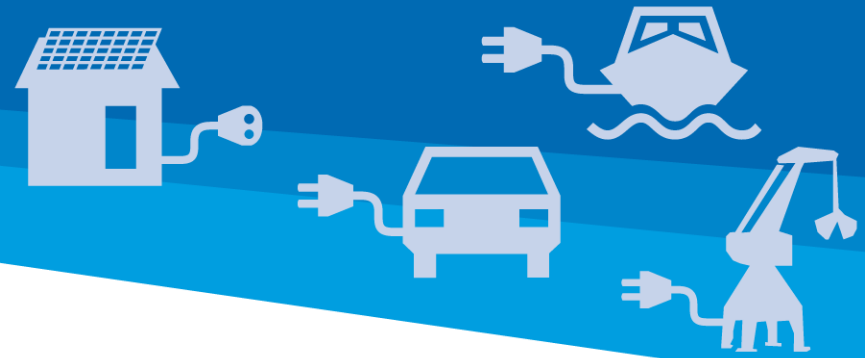
Findings 3:

- But: ...
- Logistic Processes are fragile
- Energy is 'just there' & cheaper
- Investing in energy is not core business
-



Findings 4:

- So...who has the R.O.I.?
- Stakeholders searching for their share
- # of stakeholders increasing

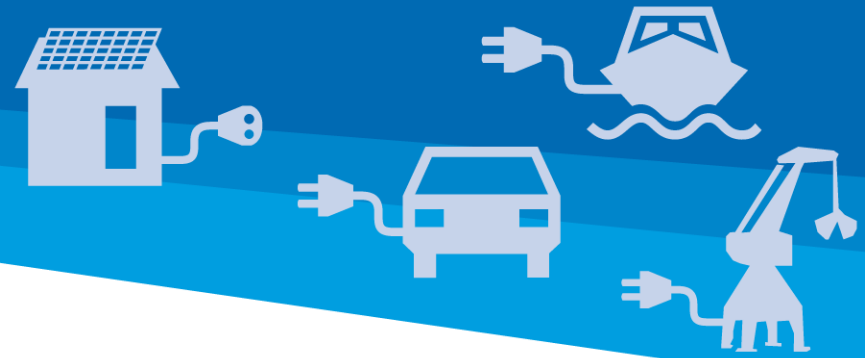


Findings 5:

-...

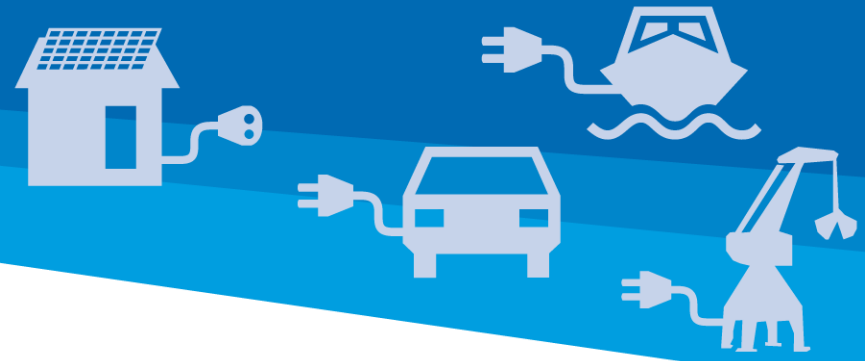
-“...Somebody’s got to pay, but not me...”

-.....



Findings 6:

- More stakeholders in a larger businesscase
- New arrangements and contracts
- Techniques are supporting
- Smart Grids are economic measure



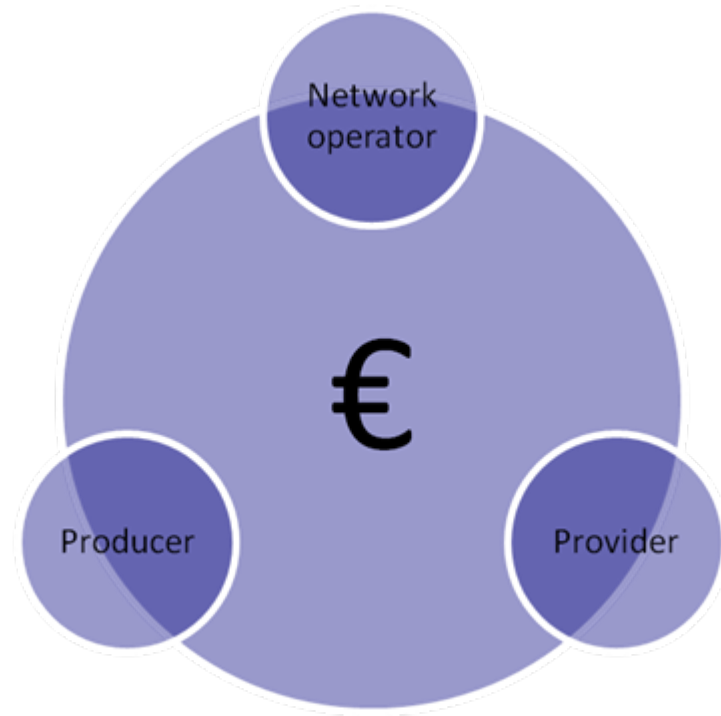
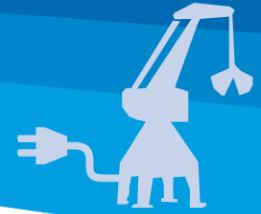
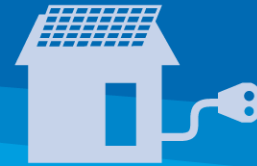
Findings 7:

-...

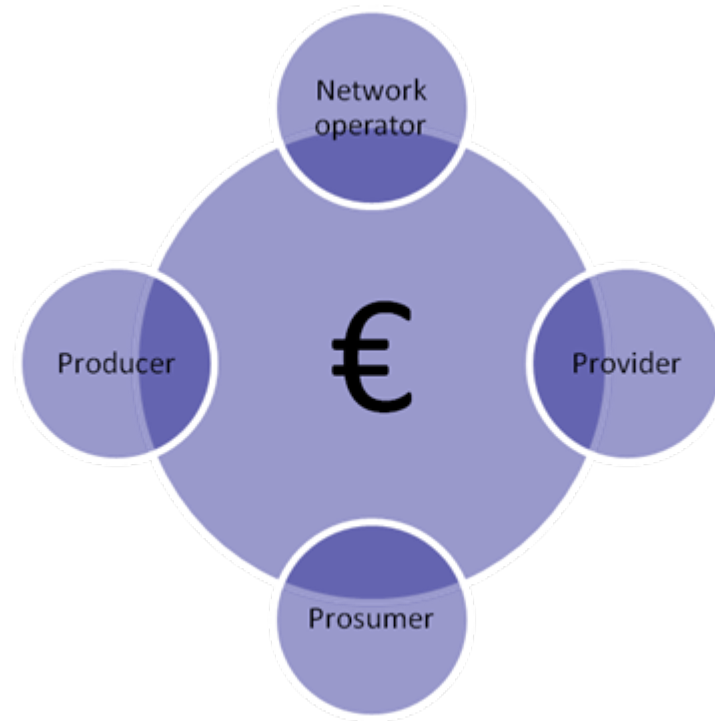
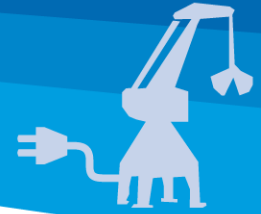
- 'Larger' part of 'smaller' pie

-.....

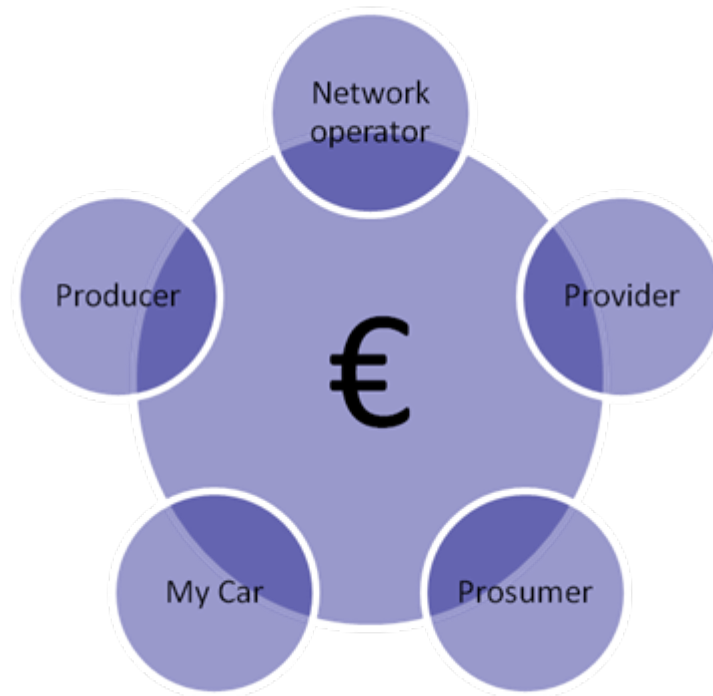
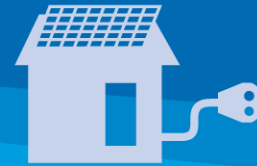
e-harbours
electric

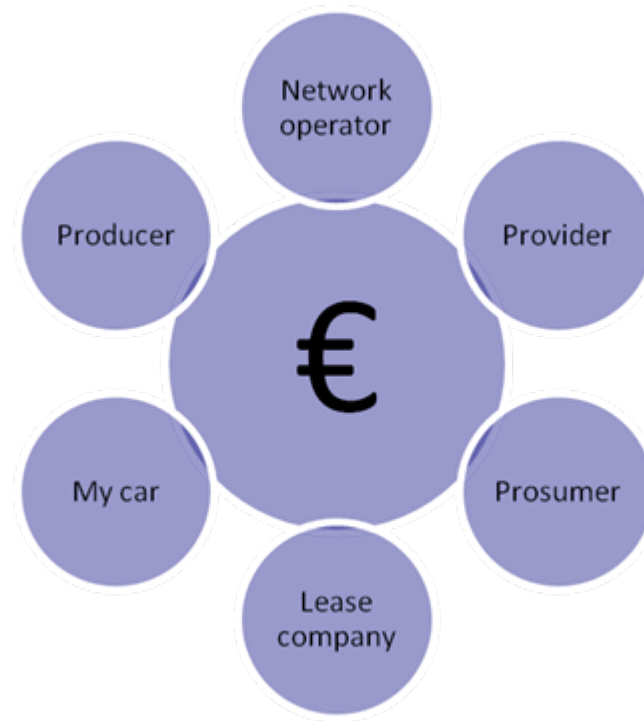


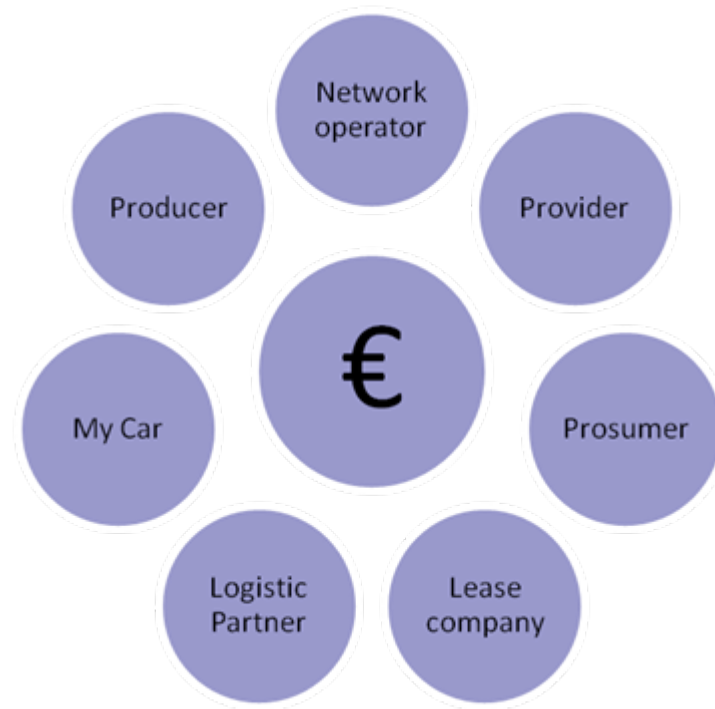
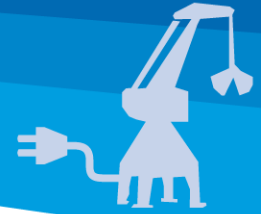
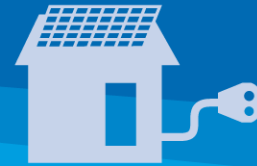
e-harbours
electric

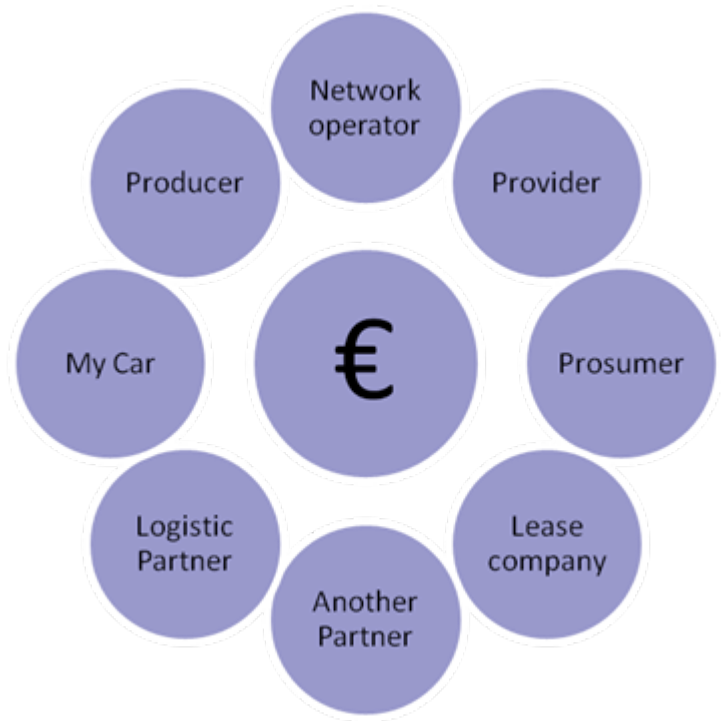
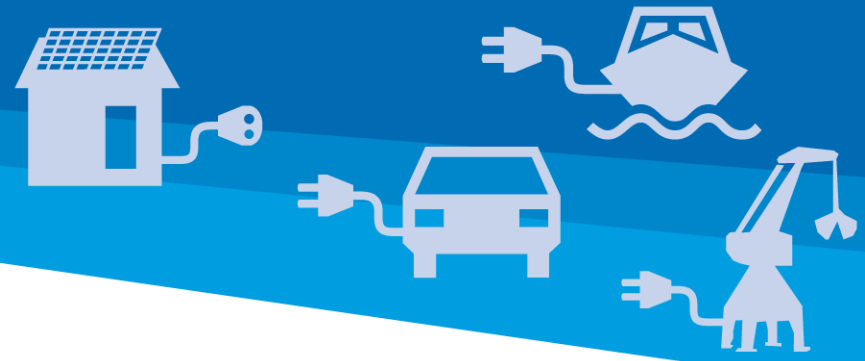


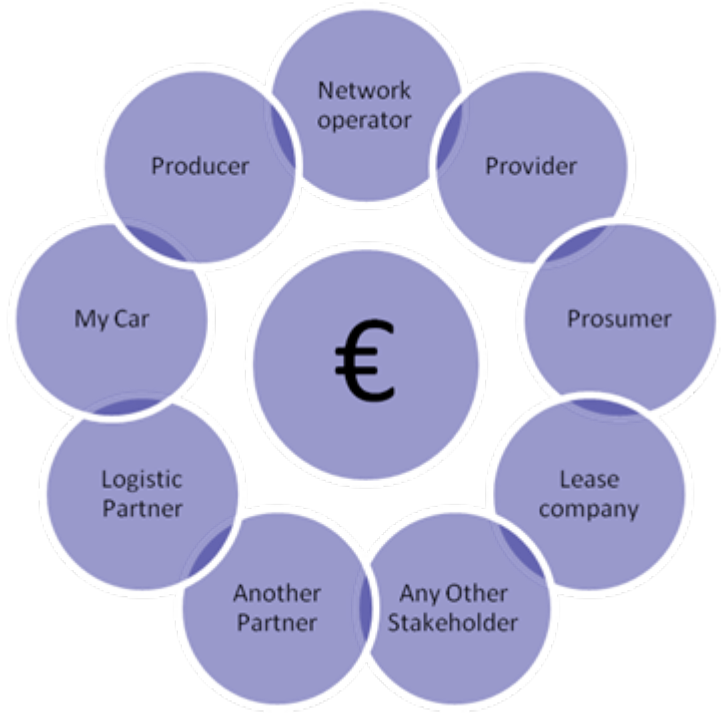
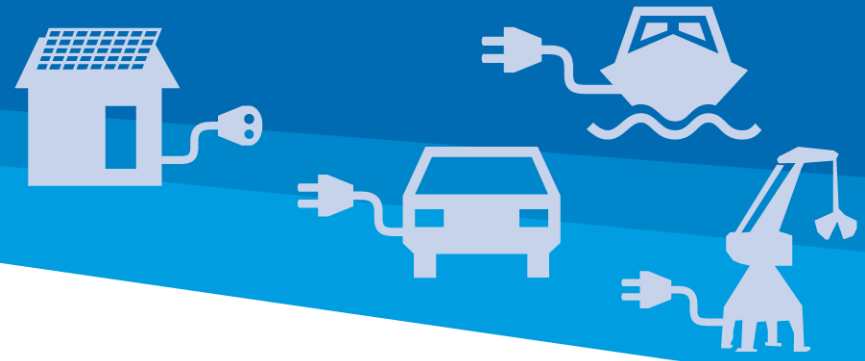
e-harbours
electric

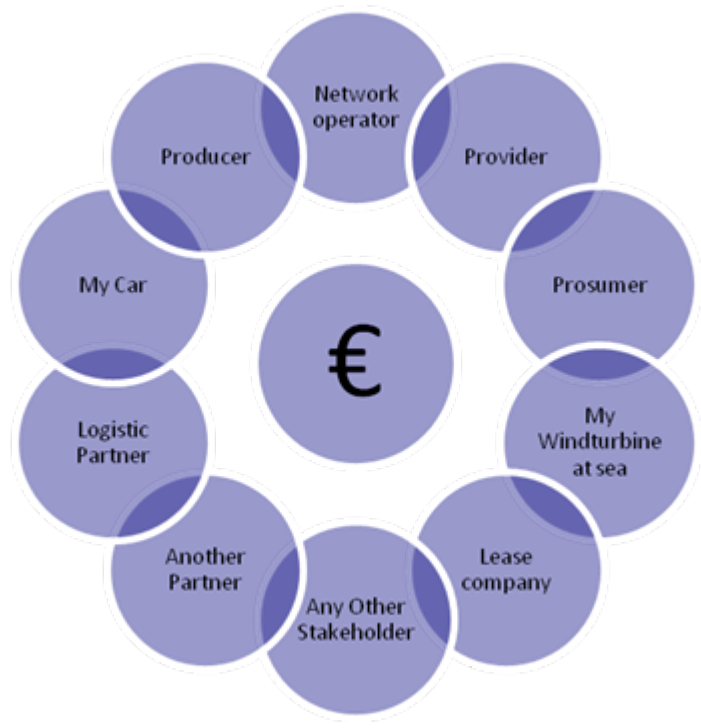
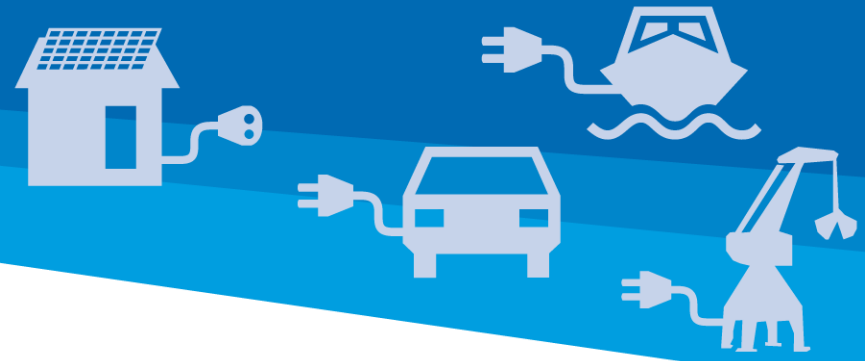


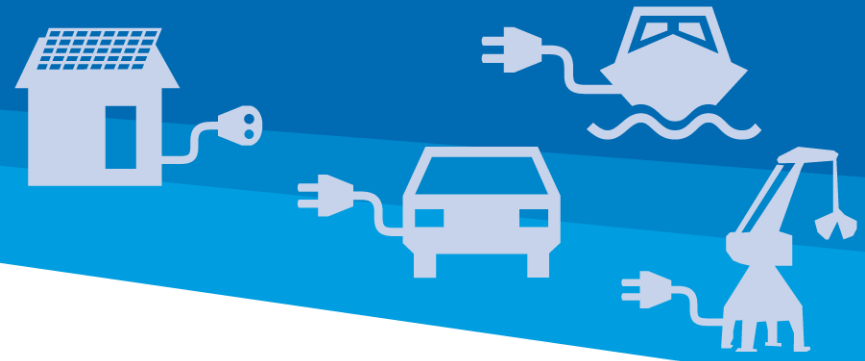


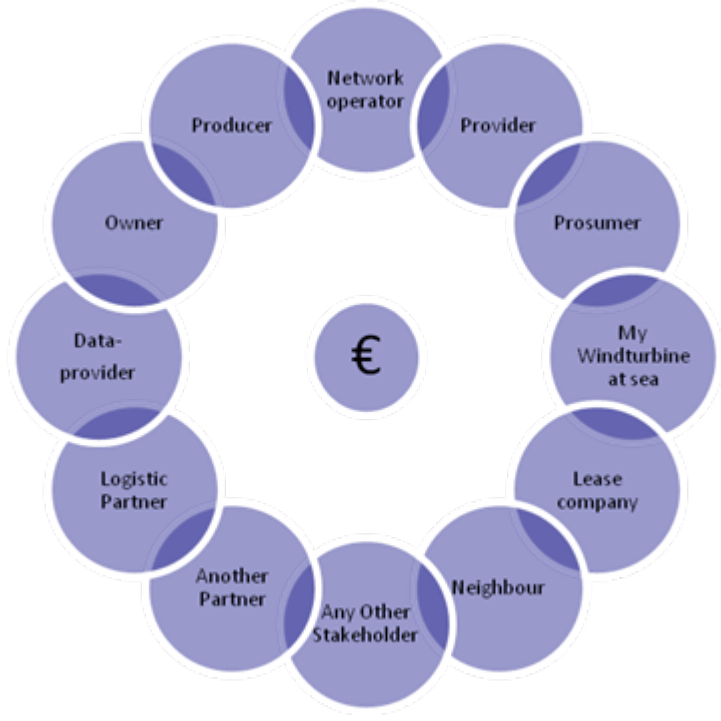
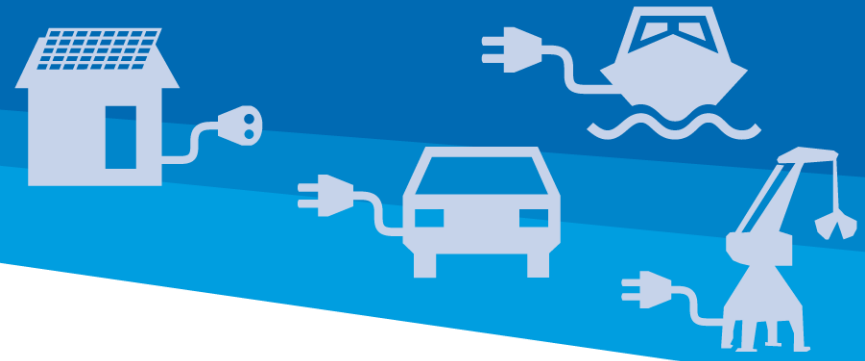


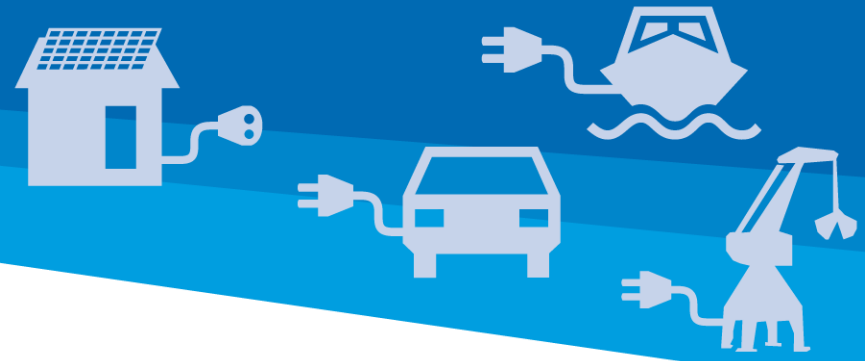












Findings 6:

- Are we able to make larger businesscase?
- With New arrangements and contracts?
- Where techniques are supporting?
- And Smart Grids are an economic measure?

e-harbours
electric



Let's have a look in detail:

-The ShowCases