

Draft Programme EV Energy Conference 5 June Flevoland

“Clean energy, clean mobility”



Integrating renewable energy and e-mobility in area development

European cities are moving massively into electric mobility. Renewable energy in the city is also growing fast, mostly solar as the most viable clean source of energy in densely populated areas. This conference addresses the need for integrating e-mobility and renewables, facilitated by ICT and how these two developments can reinforce instead of blocking each other.

We are at the start of spectacular changes in mobility and energy systems. The EV Energy project has brought together partners from five countries to exchange knowledge in this field. The EV Energy partners aim to transfer good practices from one region to another and develop action plans, encouraging the integration of sustainable energy and e-mobility in urban areas. Together with the CleanMobilEnergy project with partners from six countries, this conference aims to boost large-scale integration of multiple energy production, consumption and storage solutions. Where EV ENERGY is focused at good practice and policies, CleanMobilEnergy develops and implements a Europe-wide applicable Energy Management System.

This conference brings together outstanding examples from Europe, focusing on:

- large scale e-mobility parking and energy exchange experiences
- smart EV-charging in the city to ‘un-stress’ the grid and to use RES efficiently
- tools for energy planning
- developing viable business models

The example projects demonstrate the need for an ‘energy systems’ approach in which the energy and mobility sector can produce synergies.

In Flevoland, an innovative energy ecosystem is being developed in the area of Lelystad Airport and Lelystad Airport Business-park, starting with large scale EV parking. This is combined with charging and storage facilities and many opportunities for solar energy generation and energy exchange in the business area. To ensure the success of this project and others like it across Europe, there is much to learn from each other’s experiences in technology, financing, legislation and behavioural changes. We aim to explore with you how these experiences can be embedded in our policies and area development and how to remove barriers for large scale roll-out.

We look forward to your participation in this conference.

<https://www.interregeurope.eu/evenergy/>

EV ENERGY is an INTERREG Europe- funded project under the theme “Low Carbon Economy”, addressing the intelligent integration of the energy and mobility system by enabling interregional policy and good practices learning, transferring the most appropriate policies and good practices to cities and regions for large-scale implementation.



June 5th – Conference programme

| Time | Subject | Speaker |
|-------|--|---|
| 9.30 | Registration and coffee/tea | |
| 10.00 | Welcome by host & moderator | Ian Hill |
| 10.10 | Introduction to Interreg EV Energy and CleanMobilEnergy projects | |
| 10.15 | Future scenarios on clean energy & clean mobility | Robbert Monteban, Nissan |
| 10.35 | Towards an energy systems approach – what are the challenges? | Mark van Stiphout, DG Energy, European Commission (t.b.c.) |
| 11.00 | Showcasing good practices from Europe | Sharing Cities – Shaun Gibbons, Greater London Authority Electrification of Airport operations – Michelle Samson, Schiphol Airport |
| 11.40 | Audience opinion survey to feed the political debate | |
| 11.50 | Coffee break | |
| 12.10 | Political debate | Moderated by Ian Hill |
| 12.35 | Closure plenary part & introduction to afternoon programme | |
| 12.45 | Lunch and Project Market | Until 14.10 |
| 13.00 | Project pitching session | During the lunch, until 13.30 |
| 14.10 | The Energy Quiz interactive session | |
| 14.30 | First round of workshops | |
| | Theme 1: Energy modelling for design and decision making | Energy modelling and visualisation is critical to understand and ensure proper implementation of complex smart energy systems. Different models will be demonstrated. |
| | Theme 2: Energy management systems at neighbourhood / city scale | Learnings from various EU-funded pilots and commercial systems are discussed in this session, including V2G and smart charging experiences. |
| | Theme 3: Policy making and business models | Legislation drives development of innovative business models in the expansion of renewables and clean mobility. Various European operational examples. |
| 15.30 | Coffee break | |

| Time | Subject | Speaker |
|--------------|--|---|
| 15.45 | Second round of workshops | |
| | Theme 1: Energy modelling for design and decision making | Energy modelling and visualisation is critical to understand and ensure proper implementation of complex smart energy systems. Different models will be demonstrated. |
| | Theme 2: Energy management systems at neighbourhood / city scale | Learnings from various EU-funded pilots and commercial systems are discussed in this session, including V2G and smart charging experiences. |
| | Theme 3: Policy making and business models | Legislation drives development of innovative business models in the expansion of renewables and clean mobility. Various European operational examples. |
| 16.45 | Wrap up and Networking reception | |
| 17.30 | End of programme | |