

# EU SUSTAINABLE ENERGY WEEK



## EV ENERGY project Julie Chenadec

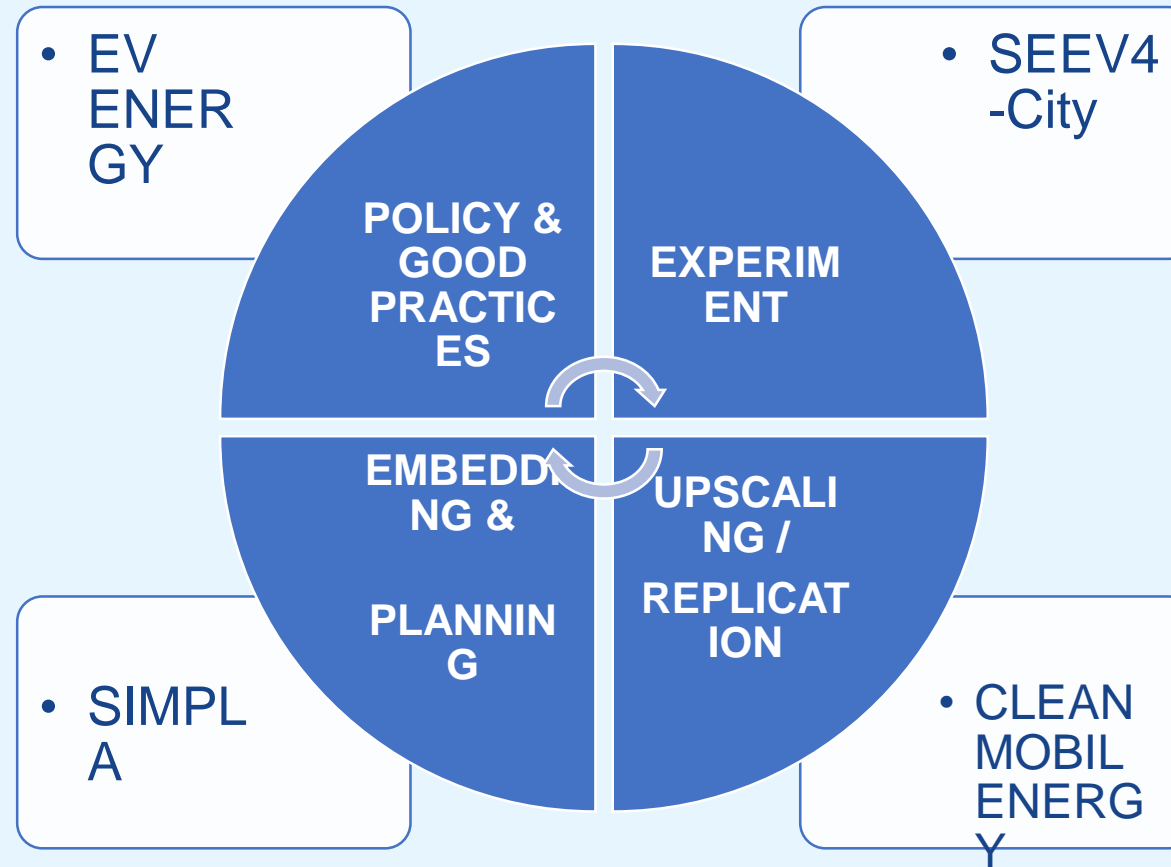
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**SUSTAINABLE  
ENERGY WEEK**  
04-08 JUNE 2018

An initiative of the  European Commission

# The policy – projects cycle



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# EV ENERGY project



## Lead partner:



## Partners:



## Needs for addressing

- Europe's intelligent integration of EV and RES with ICT
- Clean cities development
- Innovative framework policies
- ✓ Decarbonisation of Energy and Mobility sectors

## Partnership build upon

- Successful project where policies and transferred good practices enable changes into local and national legislation :
  - Green IT Net**
  - 2 successful conferences where EU partners acknowledged a need towards the integration between EV and RES
    - Vehicle 2 Grid Amsterdam**

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# Overcoming urban challenges...

## Urban challenges

- Cities are the main energy consumers, but also offer the greatest opportunities for change.
- Two important technologies are currently gaining momentum in European cities: Electric vehicles (EVs) and renewable energies.
- Both technologies offer a high potential for climate change mitigation.
- ✓ **Intelligent integration into the energy and mobility system is crucial**

## Addressing them by

- Interregional policy and good practices **learning**;
- **Transferring** the most appropriate policies and good practices to cities & regions;
- Large-scale **implementation** & long-term monitoring
- ✓ **Identified best practices and policies are further disseminated for the benefit of the widest possible audience**

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# ... By creating a visible impact..

## Create awareness about the implications at different levels

- SWOT & PESTEL analysis to understand the local context
- Engage stakeholders to increase the impact

## Driving policies in EU cities

- ✓ Barcelona: **Political engagement** to increase EV charging infrastructure
- ✓ Lithuania: **Long-term investment** for EV charging points and sustainable mobility
- ✓ Netherlands: **Charging infrastructure** is booming (2500 charging stations in Amsterdam)
- ✓ Rome: Strategic Document for the Energy Plan of the Lazio Region aims to **increase the use of renewable sources**
- ✓ Stockholm: **Electrification** of road traffic (both passenger and freight) is a clear regional implementation policy priority

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# ... And sharing Good Practices.



<p><b>PIRVEC (Strategic Plan deployment of charging infra for EVs in Catalonia):</b> aims to remove hurdles for EV development in the region</p>	<p><b>Establishment of Energy Service Company:</b> ongoing energy efficiency projects and establishment of a separate company</p>	<p><b>Power Parking:</b> renewable energy plants, connected with a smart grid to EV chargers</p>	<p><b>Active Charging System (ACS):</b> charging stations provide public &amp; private entities with high reliability and enable owners of EVs</p>	<p><b>Promoting websites for e-mobility:</b> information channels for enterprises and private users to make the step towards using EVs</p>
	<p><b>Electric Transport Systems:</b> create a new generation super lightweight electric city bus using state of the art technologies</p>	<p><b>Smart Charging Amsterdam:</b> goal is to be emission free by 2025: increase local RES generation, increase charging infra, EVS taxi, etc.</p>	<p><b>Share'ngo:</b> Free floating electric car sharing service</p>	<p><b>Clean vehicles in Stockholm:</b> Program since 1994 to fast transition to clean cars and to improve the access to renewable fuels including electricity.</p>

# Green IT Amsterdam



- ✓ Non-profit organization
- ✓ Support the wider Amsterdam region in realizing its **energy transition goals**
- ✓ Scout, test and showcase innovative IT solutions for **increasing energy efficiency and decreasing carbon emissions**
- ✓ We share **knowledge, expertise and ambitions**, for achieving these sustainability targets

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# JOIN #EUSEW18

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