



EV Energy

Interreg Europe



European Union
European Regional
Development Fund

Supporting e-mobility in European regions and cities

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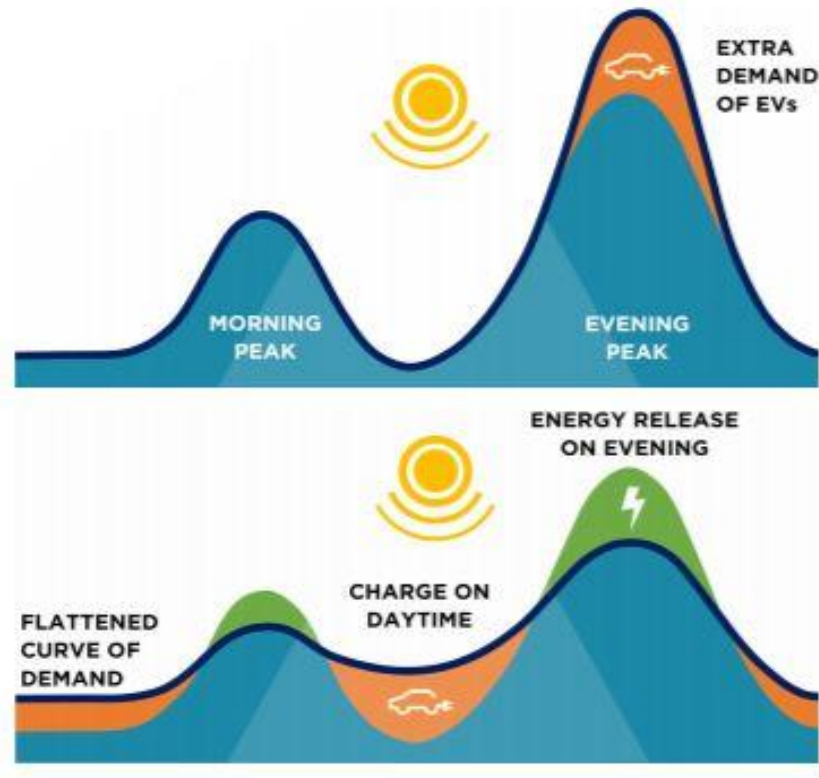
Green IT Amsterdam and Resourcefully

19 March, 2019 |

Keynote – Electric Mobility

- **EV market is exploding:** electric mobility grows faster than renewable energy in the city.
- **Charging infrastructure:** development, organization, finance.
- **Large scale projects are scarce:** requires funding & long-term investments
- Policies in the different EU countries are fragmented & instable
- **Need for coherence between sectors and across the different member states.**

Keynote



Keynote – Electric Mobility

- 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**

Keynote – 7 conclusions on charging infrastructure policy-making

1. Increasing the number of public charging stations is a must.
2. User-friendly charging infrastructure.
3. Develop smart charging systems such as Vehicle2Grid (V2G).
4. Co-ordination of efforts.
5. Ensuring power grid capacity.
6. Customise regional and city planning.
7. Behaviour change is important for the transition towards e-mobility.

Keynote – EV ENERGY

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Good Practice

Amsterdam's demand-driven charging infrastructure



Good Practice

1



2



3



4



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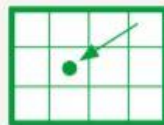
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7



8



9



10



2009

**Amsterdam
introduced its first
public charging points**

2011

**Tender: one thousand
new charging points**

2019

**More than 4000
charging points**

Good Practice - Potential for learning or transfer



Social

- All stakeholders must be part of the decision-making
- Experience and insights gained can be replicated to cities willing to encourage electric driving

Technical

- Public tenders are important to show electric drivers that the City wants to invest in electric mobility;
- Interoperability of charging stations, ensuring any car can be charged at any station with a standard plug;
- All charging data are well organised and accessible for municipality decision making on individual charging places or others (fast charging, multiple charge plaza's etc.)

Political

- Very pragmatic policy-driven practice to grow the charging network infrastructure

Economical

- Amsterdam has set a maximum price suppliers are allowed to charge electric drivers in order to make electric driving attractive and affordable;



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Thank you!

Questions welcome



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