

Interreg

Öresund-Kattegat-Skagerrak
European Regional Development Fund



EUROPEAN UNION

Smart Cities Accelerator

Open Innovation Call: *Parking for power*

Open Innovation Day: 2 April 2019

Venue: Studio, Malmö, Sweden



Aim of the Open Innovation Call

The challenges in this Open Innovation Call target how cities can introduce a drastically larger number of charging stations for electric cars in new parking garages without causing power shortage in the distribution grid.

The solution should:

- allow for as many charging stations as possible, with as low power outtake from the grid as possible
- also allow the parking garage to be a flexibility provider for the distribution grid
- be a user-friendly and environmentally excellent solution
- be an economic win-win situation for both the owner of the parking garage and the grid operator.



Outcomes of the Open Innovation Call (1/3)

- The process was an eye opener in considering parking houses for purposes other than just parking. Among other things, the open innovation process resulted in full scale solutions for using parking houses as energy hubs
- There are many existing solutions and often they are not far-fetched. Developing future sustainable smart cities will be much about the ability and courage to adopt existing technologies and solutions into new purposes
- The challenge of the call was rather narrow and aimed at a specific geographical area. However, the process shows that it should not be a problem to use the proposed innovations for further development and possible scaling up at other locations



Outcomes of the Open Innovation Call (2/3)

- Cross-border cooperation with a holistic perspective is a necessity to succeed with creating sustainable energy systems in future smart cities
- The process resulted in discussions and insights of the importance of working actively with horizontal criteria such as non-discrimination, gender equality and environment in the different phases of the process, for example with regards to establishing judging criteria and assessing the various innovations
- Using video for documenting the process and presenting the results is an excellent way to make the open innovation process accessible to a greater number of people than those directly involved



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Organizing partners

- [Smart Cities Accelerator](#)
- [City of Malmö](#)
- [E.ON](#)
- [Parking Malmö](#)
- [EIT Climate-KIC](#)
- [Link](#) to call website



Jury

- **Michael Olsson**, CFO, Parkering Malmö
- **Johanna Lakso**, CEO, Power Circle
- **Peter Andersson**, Business Manager Heavy Transport, E.ON eMobility Nordic
- **Olof Liungman**, Head of Urban Development and Strategy, City of Malmö
- **Mikkel Trym**, Entrepreneurship Lead, EIT Climate-KIC
- **Per Nørgård**, Senior Development Engineer, Technical University of Denmark



Finalists

- *Parkergies By Tyréns*; Robert Bolton, Sweden (**winner**)
 - Find presentation [here](#)
- *elektro*; Ahmed Nasr, Belgium
 - Find presentation [here](#)
 - Contact: ahmed.n.abdelqader@gmail.com, mobile: +49 170 5270947
- *Kolbev*; Jakub Kwapisz, Switzerland
 - Find presentation [here](#)





See [video](#)
from Open
Innovation Day



Pictures from Open Innovation Day

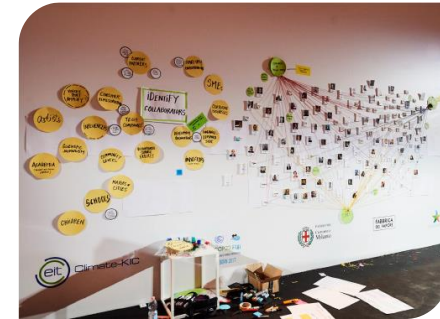


Open Innovation

Do you want to know more about Open Innovation?

Check out the white paper with many cases:

*Opening-up the Sustainable City –
Towards an Open Innovation Framework for Future Low Carbon Cities*



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Climate-KIC



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Contact: jakob.stolt@climate-kic.org