

# **Swedish-Polish Sustainable Energy Platform**

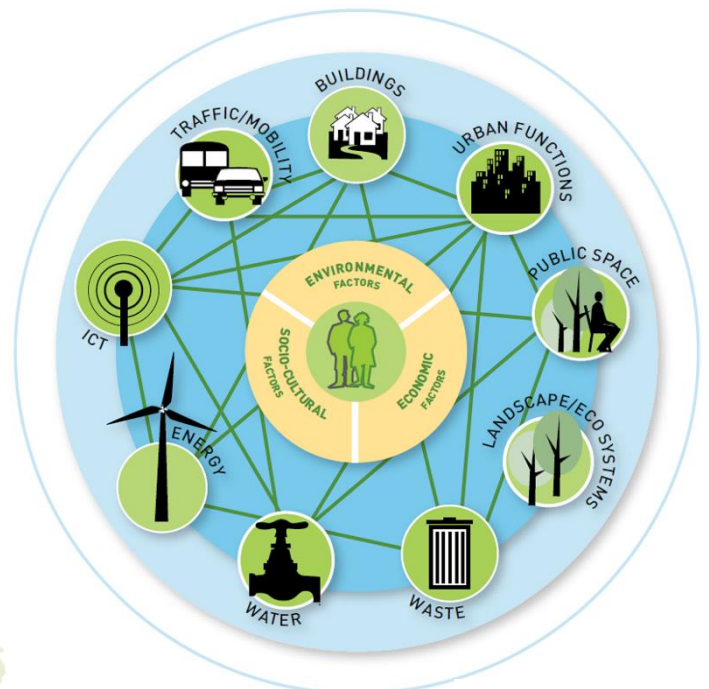
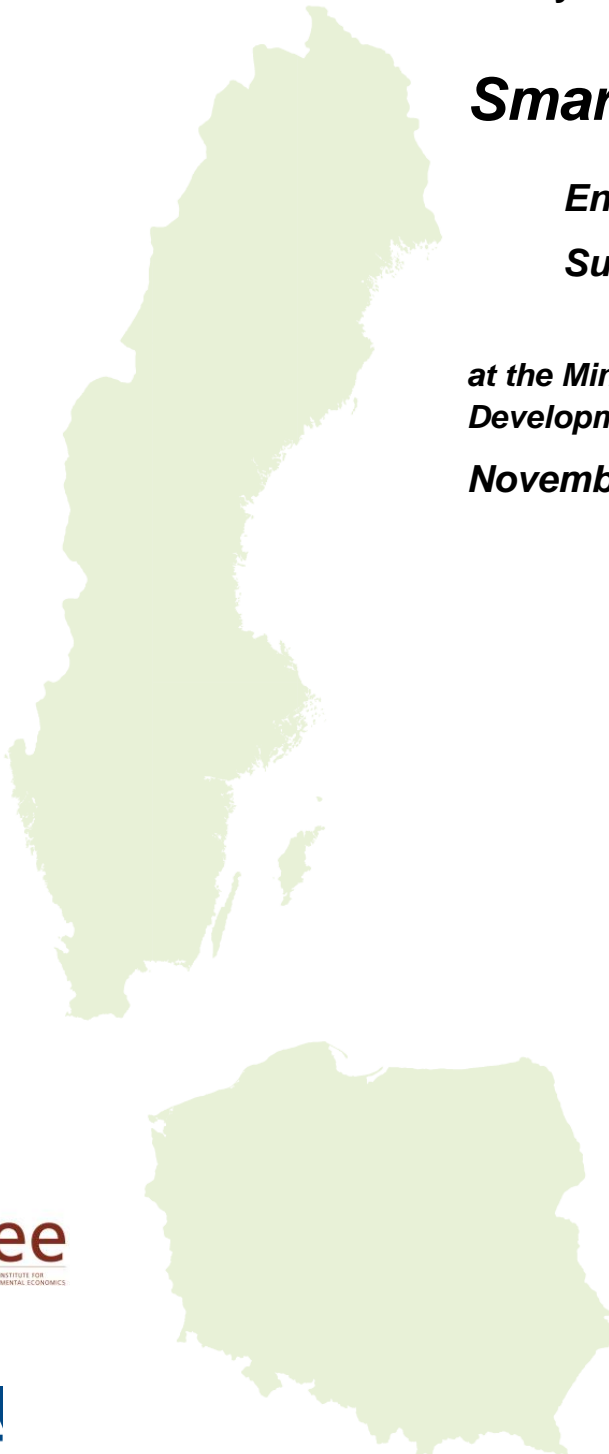
kindly invites you to the conference

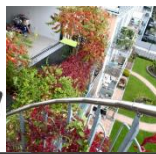
## **Smart Cities**

**Energy Efficiency in  
Sustainable Urban Development**

**at the Ministry of Infrastructure and  
Development in Warsaw**

**November 5-6, 2014**





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## Scope

The conference will focus on best practices as well as governance issues covering the following topics:

- **Spatial planning**
- **Sustainable Energy Systems**
- **Housing**
- **Mobility & transport**

The conference welcomes you to:

- Meet experts from different fields promoting Sustainable Urban Development in Poland and in Sweden
- Learn key insights into pioneering concepts and technologies in the area
- Gain knowledge from cities in the forefront of Sustainable Development
- Get all contacts you need to take the next steps

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## Target audience

Decision-makers on national, regional and local levels, as well as consultants, academia and technology providers from both Poland and Sweden.

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## Smart Cities

Today, nearly 70% of the EU population lives in urban areas, and the figure is likely to increase over the next few decades. Cities are main centers for economic, social and cultural activities in Europe, and create around 80% of the EU's gross domestic product.

According to the European Commission, urban areas consume 70% of energy, and account for 75% of the EU's greenhouse gas emissions, making cities the place where most energy savings could be made. Thus cities have an important role to play in achieving national and European green-growth strategies, such as the EU's 20-20-20 targets, notably through being smart in implementing:

- Spatial planning for improved energy efficiency;
  - Sustainable energy systems based on renewable energy sources, decentralized production, demand side management and solutions related to smart grid;
  - Energy efficient housing in new city districts as well as during refurbishment of older buildings and areas;
  - Low energy and less polluting modes of transport, as walking and bicycling, energy efficient public transport based on renewable energy, less vehicle use and clean vehicles.
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## Conference Program

### Day 1, November 5

**Moderator:** *Krzysztof Bajdor, Director, Fuels and Renewable Energy, Automotive Industry Institute, PIMOT*

08.30-09.00 **Registration and Coffee**

09.00-09.30 **Welcoming Presentations**

*Member of the Management, Ministry of Infrastructure and Development (tbc)*  
*Staffan Herrström, Ambassador, Embassy of the Kingdom of Sweden in Warsaw*  
*Mikael Backman, Director, Swedish-Polish Sustainable Energy Platform*

09.30-10.50 **General Introductions**

**Swedish Initiatives to Promote Sustainable Urban Development**

*Björn Svensby, Program Manager, Dept. of Energy Efficiency, Swedish Energy Agency*

**Resource Efficiency in Smart Cities**

*Olov Schultz, Architect, Swedish National Board of Housing, Building and Planning*

**Images of the Future City**

*Mattias Höjer, Prof. at Royal Institute of Technology, Dir. of Centre for Sustainable Communications*

**Energy Efficiency Experiences from Swedish-Polish Cooperation**

*Kamil Zajączkowski, Project Manager, Sustainable Business Hub*

10.50-11.30 **Questions and Answers + Coffee Break and Mingling at the Exhibition**

11.30-13.00 **Aspects of Sustainable Urban Development**

**Value Based Planning of New City Districts**

*Vesna Vasiljkovic, Architect, City of Lund*

**Urban Densification as a Strategy for Sustainability**

*Alvar Palm, Researcher, IIIIEE, Lund University*

**Visions of the Solar City**

*Harald Överholm, Director, Eneo Solutions*

**Tools to Facilitate Energy Efficient Housing in New City Districts**

*Lena Neij, Director, IIIIEE, Lund University*

**Energy Efficiency – The hidden resource that gives life to old buildings**

*Hans Nilsson, Director, FourFact*

13.00-14.00 **Questions and Answers + Lunch and Mingling at the Exhibition**

14.00-15.00 **Transport and Mobility in Sustainable Urban Development**

**Integral mobility or superficially sustainable urban transport system development patterns  
- The case of Gdansk metropolitan area**

*Piotr Kuropatwiński, Vice-president, European Cyclists' Federation*

**Sustainable transport – Results from the Baltic Biogas Bus project**

*Geert Schaap, Dir. of International Operations, Sweco Environment*

**Mobile Biogas Upgrading Installation in Niepolomice and Biogas Busses in Tychy and Rzeszów**

*Wojciech Gis, Andrzej Żółtowski, Jerzy Waśkiewicz, Motor Transport Institute*

*Marek Rudkowski, NGV AUTOGAS*



(Programme continuation)

15.00-15.30 **Questions and Answers + Coffee Break and Mingling at the Exhibition**

15.30-17.00 **Smart Cities – Examples from Poland and Sweden**

**Warsaw – Smart way to climate and citizens friendly city**

*Leszek Drogosz, Dir. of Infrastructure Department, City of Warsaw*

**The City of Stockholm Road to a Fossil Free City 2050**

*Gunnar Söderholm, Dir. of Environment and Health Administration, City of Stockholm*

**Smart Zabrze – Building on a mine of opportunities**

*Małgorzata Mańka-Szulik, Mayor of the City of Zabrze*

*Mikael Backman, Director, Swedish-Polish Sustainable Energy Platform*

**Smart City Malmö – Past experiences and future challenges**

*Jonas Kamleh, Deputy Dir. of the Environmental Department, City of Malmö*

17.00-17.30 **Concluding Questions and Answers**

## **Day 2, November 6**

09.00-13.00 **Guided Tours in Warsaw with Hybrid Buses**

**Option 1: Siekierki Combined Heat and Power Plant.** *The largest cogeneration plant in Poland and the second largest in Europe. The plant has a thermal capacity of 2 100 MW and an electrical capacity of 622 MW and is presently being in transition from coal to biomass as feedstock.*

**Option 2: Czajka Wastewater Treatment Plant.** *The largest and most modern wastewater treatment plant in Poland. The plant has recently been modernized to a capacity of 515 000 m<sup>3</sup>/day, for a total cost of EUR 7 690 M.*

13.00-14.00 **Lunch in the Palace of Science and Culture**

*Simultaneous translation will be provided during the conference.  
Consecutive translation will be provided during the study tours.  
The organisers reserve the right to make changes in the programme.*

*The conference is organized by the Swedish-Polish Sustainable Energy Platform secretariats at IIIIEE – Lund University and PIMOT, in close collaboration with Polish Ministry of Infrastructure and Development, Swedish Energy Agency, the Embassy of the Republic of Poland in Stockholm, the Embassy of the Kingdom of Sweden in Warsaw, the City of Zabrze, Sustainable Business Hub, Baltic Biogas Bus, and Motor Transport Institute.*



MINISTRY  
OF INFRASTRUCTURE  
AND DEVELOPMENT



EMBASSY OF SWEDEN



Embassy  
of the Republic of Poland  
in Stockholm





## Registration for the Smart Cities Conference

**Place:** Ministry of Infrastructure and Development, Wspólna Street, 2/4.

**Date:** November 5-6, 2014.

Register at the **Secretariat of the Swedish-Polish Sustainable Energy Platform** by filling in online registration form at: [www.pimot.eu/registration](http://www.pimot.eu/registration)

### Registration fee:

- PLN 300 for Day 1, November 5;
- PLN 100 for Day 2, November 6.

The registration fee includes meals, coffee mentioned in the programme as well as conference materials.

### Exhibition:

Reach out to a dynamic and growing Sustainable Urban Development market in both Poland and Sweden by exhibiting at the conference! Providers of knowledge and technology are invited to exhibit in the mingling area in direct connection to the conference hall. Exhibitors will be provided with a stand and possibilities to present themselves by rollups and other means.

**NB!** Due to a restricted exhibition area, the number of exhibitors will be limited. It means exhibitors will be accepted on the “first come, first served” principle.

**Last day for registration is October 28!**

*Should you have any questions please contact:*

- Mikael Backman, **Swedish-Polish Sustainable Energy Platform** at IIIIEE (Sweden): [mikael.backman@iiiee.lu.se](mailto:mikael.backman@iiiee.lu.se) or +46 708 109 149
- Magdalena Rogulska, **Swedish-Polish Sustainable Energy Platform** at PIMOT (Poland): [m.rogulska@pimot.eu](mailto:m.rogulska@pimot.eu) or +48 22 7777 216

***We look forward to seeing you at the Conference!***