

Nordic-Baltic Solutions for Smarter Cities in the Region
Energy Efficiency: Towards Complex Climate & Energy Plan

Conference in Riga, 7th-8th September, 2017

Venue: The Riga Latvian Society house, Merķeļa Street 13, Riga

The majority of the Nordic-Baltic region cities are small and medium size with different challenges than the global metropolises

Target Audience: municipality leaders, civil servants, politicians, non-governmental and private sector representatives at Baltic and Nordic level, up to 200 participants

Goals: The conference aims to address energy efficiency issues in all levels of governance – from state to municipalities and their SMEs, to enhance know-how exchange among Nordic and Baltic energy actors, and provide practical examples for future development/ current regulatory gaps for smart cities, focusing on two particular areas – district heating and mobility solutions, including integrated smart street lighting projects.

Registration: Please apply here <http://ej.uz/s8ki> as soon as possible but not later than 15th August

Working language: English and Latvian. A synchronous translation from Latvian into English will be provided.

Draft Program

7th September

Moderator: Reinis Āboltniņš

9:00-9:30 Coffee & Registration

9:30-10:00 Welcome Speeches

Mr Stefan Eriksson, Director of the Nordic Council of Ministers' Office in Latvia
Mr Juris Stinka, State Secretary at the Ministry of Economics of the Republic of Latvia
Mr Nils Ušakovs, Riga City Mayor, tbc
Mr Normunds Talcis - Board Chairman Joint Stock Company AS "RĪGAS SILTUMS"

10:00-11:00 Priorities in Nordic energy cooperation: what's in it for Baltics?

- "Current and future priorities for Nordic energy cooperation. The challenge of closer Nordic and Baltic cooperation", by Mr Johan Vetlesen, Deputy Director General, Ministry of Petroleum and Energy, Norway and Chairman of the Nordic Committee of Senior Officials for Energy Policy
- "Strategy for the future Nordic-Baltic co-operation on energy and energy efficiency", by Mr Hans Jorgen Koch, Nordic Energy Research
- "What Nordic Baltic energy cooperation context should Latvia take into account, planning its future for energy efficiency", by Mr Juris Ozolins, Energy Security Commission, State President's Chancellery

11:00-11:30 Coffee Break

11:30 – 12:00 Smart city solutions for Nordic-Baltic region - common challenges and trends

- "Targets and actions behind Smart & Clean Helsinki Metropolitan initiative", Sari Tasa, Program Director at Ministry of Economic Affairs and Employment, Finland
- "Current bottlenecks of regulation as seen by Latvenergo", by Mr Āris Žīgurs, Head of the Board in Latvenergo, tbc

12:00 – 13:00 Smart Cities: Energy efficient district heating solutions

- "Fossil free Stockholm with smarter district heating", Mr Gustaf Landahl, Head of Department, GrowSmarter coordinator, Environment and Health Administration Stockholm
- "AS "RĪGAS SILTUMS" - mounted air humidification system OPTINOX (Denmark) performance characteristics", speaker tbc
- "Barriers for flexibility in the district heating-electricity interface" (Flex4RES project) by Klaus Skytte, Head of Energy Economics and Regulation, Systems Analysis Division, Technical University of Denmark

- “What circular economy brings to district heating sector,” Julia Sundberg, Country Manager, Fortum Latvia

13:00-14:00 Lunch

14:00 – 15:30 Smart Cities: Mobility Smart Street Lighting & the Big Data – Panel Discussion

Topics covered:

- How smart street lighting solutions can help to solve mobility problems
- Big data analysis for complex mobility problems
- Readiness of municipalities to host/ test smart solutions that are still in development - innovations
- Regulatory/Implementation related gaps in new energy-efficient projects

Panel discussion participants:

- “Smart solutions for small city”, Jurijs Strods, Deputy chairman of the Jelgava city council
- “Role of geospatial data and intelligence in smarter management of cities/ municipalities” Martins Vimba, Member of the Board, JANA SETA
- “Public lighting network as central infrastructure platform for smart city technologies, Linda Zeltina, Director of Research and Development Department”, VIZULO
- “Artificial intelligence on the edge and its role in making cities Smart”, Juris Puce, 4SmartStreets
- “Current bottlenecks in regulation as seen by transport and mobility in Sweden”, Bleking Institute of Technology, tbc
- Squalio, tbc

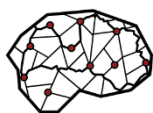
Conference is supported by:



Ministry of Economics of the Republic of Latvia



LATVIJAS VALSTS PREZIDENTA KANCELEJA



SMART CITY
CLUSTER
OF LATVIA



 Nordic Council of Ministers'
Office in Latvia



On-site visits and demonstrations

Smart city solutions in practice

September 8, 2017

8.45 Leaving from the Hotel

9.00 Arrival at Rigas siltums

Visit to Ziepniekkalns CHP

JSC "Rīgas siltums" is the main heat supplier of Riga. The JSC "Rīgas Siltums" manages and distributes 76% of the thermal energy in the city of Riga. 77% of the thermal energy are used for heating of residential houses and for preparation of domestic hot water. Total length of city's heating network is about 800 km, 72% of which are owned by the JSC Rīgas Siltums.

More information

<http://www.rs.lv/en>



10.30 Leaving from Rigas siltums

11.00 Arrival at Jelgava city Council

Visit to Jelgava city Council and Municipal Operative Information Center

Jelgava city has one of the most advanced Municipal Operative Information Center In Latvia. Jelgava city has implemented many other smart city solutions that create a comfortable living environment for its inhabitants.

More information

<http://www.pilsetsaimnieciba.lv/>

12.30 – 13.30 Lunch

13.30 Arrival at Fortum Jelgava

Visit to cogeneration plant on biomass in Jelgava

Jelgava Biomass CPH Plant is the largest and most modern CPH plant in Latvia that use renewable energy. Jelgava CPH Plant is capable of providing up to 85% of the city's district heating load, replacing the existing production capacity, where natural gas was used. The production capacity of Jelgava power plant is 23 MW electricity and 45 MW heat. The plant produces approximately 110 GWh of electricity and 230 GWh of heat per year. This production form is energy and cost efficient and together with renewable fuels it is CO₂-free.



More information
www.fortum.com

15.00 Departure to VIZULO

15.30 Arrival at VIZULO



Visit to LED luminaire production facility

VIZULO is technology driven lighting producer with the focus on smart city concept development. It is specialised in LED luminaire production for street, commercial, industrial and architectural LED lighting. VIZULO group's lighting products are exported to 27 countries all over the world.

More information
<http://www.vizulo.com/en/news>

17.00 Departure to Riga

18.00 Dinner