Conference in Riga,

7th-8th September, 2017

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

Nordic Council of Ministers' Office in Latvia

Nordic-Baltic solutions for smarter cities in the region

Energy Efficiency: Towards Complex Climate & Energy Plan

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 as soon as possible but not later than 30th August

APPLY HERE

WORKING LANGUAGE

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

PROGRAM

PROGRAM
7th September

Moderator: Reinis Āboltiņš

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
Mr Gints Kaminskis, Board Chairman of the Latvian Association of Local and Regional Governments
Mr Normunds Talcis - Board Chairman at the 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
- "Current bottlenecks of regulation as seen by Latvenergo", by Latvenergo, tbc
- "Building Energy Efficient Cities: Lithuanian experience", Inga Valuntienė, Chief Operating Officer at JSC "Teisingi energetikos sprendimai"

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", by Ms Sari Tasa, Program Director at Ministry of Economic Affairs and Employment, Finland
- Tartu example, Gerttu Pilsas from Smart Cituy Cluster Tartu, tbc
- "Smart solutions for small city", by Mr Jurijs Strods, Deputy chairman of the Jelgava city Council

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

- "Fossil free Stockholm with smarter district heating", by Mr Gustaf Landahl, Head of Department, GrowSmarter coordinator, Environment and Health Administration Stockholm
- "AS "RĪGAS SILTUMS" - mounted air humidification system OPTINOX (Denmark) performance characteristics", by Mr Reinis Ozoliņš, Engineer of Production Division of JSC "RĪGAS SILTUMS"
- "Barriers for flexibility in the district heating-electricity interface" (Flex4RES project) by Mr Klaus Skytte, Head of Energy Economics and Regulation, Systems Analysis Division, Technical University of Denmark
- "What circular economy brings to district heating sector," by Ms 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 city development trends: before and now", by Mr Dusan Raicevic, Business developer, VeraPark
- "Role of geospatial data and intelligence in smarter management of cities/ municipalities", by Mr Martins Vimba, Member of the Board, JANA SETA
- "Public lighting network as central infrastructure platform for smart city technologies", by Ms Linda Zeltina, Director of Research and Development Department", VIZULO
- "Artificial intelligence on the edge and its role in making cities Smart", by Mr Juris Puce, 4SmartStreets

Conference is supported by:

Ministry of Economics Republic of Latvia
Zviedrija Sverige
Latvijas valsts prezidenta kanceleja
Smart City Cluster of Latvia
Akciju sabiedrība RĪGAS SILTUMS
norway grants
Embassy of Finland Riga
Embassy of Denmark

ON-SITE VISITS AND DEMONSTRATIONS*

*Currently the number of applicants for on-site visits has reached its maximum. You can apply by sending an email to: info@smartcity.lv to be registered in the waiting line.

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 "Rigas 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 Rigas Siltums.

More information **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 **www.pilsetsaimnieciba.lv**

12.30 – 13.30 Lunch

13.30 Arrival at Fortum Jelgava

Visit to cogeneration plant on biomass 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 **www.vizulo.com/en/news**

17.00 Departure to Riga

18.00 Dinner