

LowTEMP Newsletter, October 2018

Low Temperature District Heating for the Baltic Sea Region



News

Construction of the waste heat line from Aurubis to Hafencity in Hamburg

The Hafencity is currently Europe's largest inner-city urban development project. It sets an example concerning energy supply in the new district: waste heat generated by the Aurubis copper refinery will supply new buildings in the eastern Hafencity with district heating in the future. Sulphur dioxide, a by-product of copper refining, is converted to sulphuric acid in the Aurubis plant, releasing almost CO₂-neutral heat, which can then be used to supply the Hafencity.



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Pilot project in Gulbene, Latvia: reconstruction of an existing district heating system

LowTEMP partners from Latvia (Gulbene Municipality) have started the reconstruction of an existing district heating system in Beļava village. The new heating system will include heating for the parish administration building that houses also pre-school children's groups, the Beļava cultural house, a nearby apartment building and a local store. It is planned to finish heating system reconstructions on 1st of November 2018.



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LowTEMP partnership visits first pilot measure in Latvia

From 19 to 21 September, the third partner meeting of the LowTEMP project took place in Latvia, hosted by Riga Technical University, Gulbene Municipality and Vidzeme Planning Region. Gulbene Municipality is the first partner to start the implementation of pilot measures within the framework of the LowTEMP project. In the village Belava, located within Gulbene district, the existing outdated heating infrastructure will be replaced with a low temperature district heating grid, supplying low temperature heat to two already insulated buildings.



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Publication "Energy Management in Vidzeme" with LowTEMP expert interviews

The publication includes stories and expert opinions on four energy efficiency projects implemented by Vidzeme Planning Region, including LowTEMP. Vidzeme Planning Region invited the Latvian LowTEMP partners Riga Technical University and Gulbene Municipality to talk about low temperature district heating possibilities in Latvia as well as to discuss the question why local municipalities should consider implementing more sustainable energy supply systems.



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Upcoming events

World Energy Outlook 2018, 16. November 2018, Berlin, Germany

- The World Energy Outlook of the International Energy Agency is one of the world's most important energy market analyzes. Questions on the future development of international energy markets are regularly the focus of the report that is presented at the event.

[Visit the website...](#)

Finnish national Covenant of Mayors event: Decarbonisation and the future of climate and energy in Finland, 23. November 2018, Helsinki, Finland

- This workshop aims at showcasing ambitious plans implemented by cities, to present the Covenant of Mayors framework, its activities, and what it has to offer to Finnish local governments.

[Visit the website...](#)

European Union Energy Day, 11. December 2018, Katowice, Poland

- The 6th EU Energy Day will showcase some of the initiatives launched to support a clean energy transition in the EU and beyond and advertise the progress already made towards delivering on the EU's commitments, including with the 2030 targets and Clean Energy Package.

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[More upcoming events...](#)

Past events

IMP PAN organised “Energy Efficient Cities” Conference, 17.-18. October 2018, Gdynia, Poland

While many Baltic and other European municipalities already developed so-called “Sustainable Energy Action Plans”, they often face difficulties in the actual implementation and measurement phase. With presentations from engaging and experienced speakers on “Energy efficiency in local climate strategies” or “Fields of action to increase energy efficiency in cities”, the Baltic Sea Conference provided a platform to examine existing challenges, get new inspirations and learn from best practice examples.

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LowTEMP at the VISU International Bioenergy Day, 10.-11. October, South Ostrobothnia, Finland

VISU International Bioenergy Day was a two-day event, which took place in South Ostrobothnia, Finland. The event was organised by Thermopolis Ltd, Finnish Forest Centre and Seinäjoki University of Applied Sciences as part of the VISU project that is funded by The European Agricultural Fund for Rural Development: Europe investing in rural areas).

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Predicting the future: the Baltic Sea Region in 20 years, 10.-12. September, Gdansk, Poland

The LowTEMP project was invited to the Baltic Sea States Subregional Co-operation (BSSSC) Annual Conference to make forecasts 20 years ahead and to pass messages to politicians. According to the project managers of LowTEMP, district heating will supply more than 50% of the urban building stock. The waste energy from industrial processes will be used and the energy loss in the district heating grids will be much lower.

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International Symposium on District Heating and Cooling in Hamburg, 09.-12. September 2018, Hamburg, Germany

From 9 to 12 September, around 250 participants from 28 different countries discussed topics related to urban energy systems, resource efficiency, district heating and cooling and hybrid energy grids at the „International Symposium on District Heating and Cooling” (DHC2018) at the HafenCity University Hamburg.

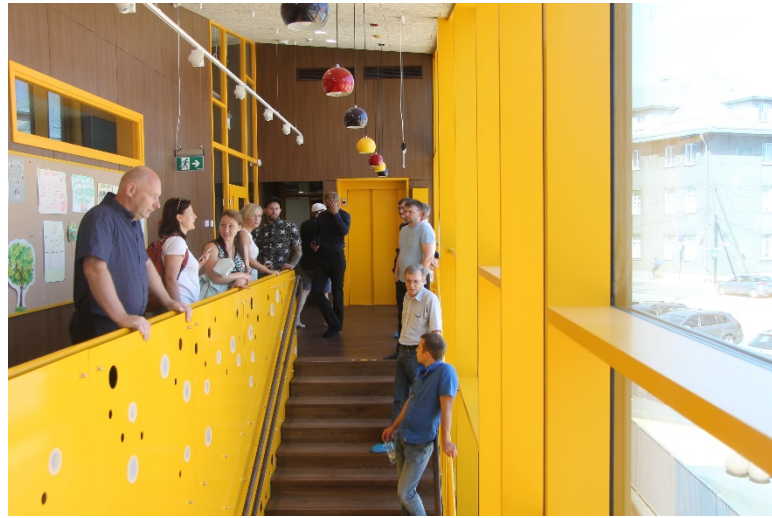
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Study trip to Estonia - Vidzeme Planning Region to get new knowledge from a neighboring country, Summer 2018

In the beginning of summer 2018, Vidzeme Planning Region together with the representatives of local municipalities went on an experience exchange trip to Estonia. The purpose of the trip was to travel to Tartu and Valga together with local municipalities building managers, energy managers and engineers to gain valuable experience and learn how energy efficiency solutions are being introduced in Estonian municipalities.

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The LowTEMP project is supported by the [European Union](#) (European Regional Development Fund & European Neighbourhood Instrument) in the frame of the [Interreg Baltic Sea Region Programme 2014-2020](#).

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