

LowTEMP Newsletter, March 2020

Low Temperature District Heating for the Baltic Sea Region



LowTEMP tests Training Package in online meeting

The next LowTEMP partner meeting will be a very special one: Firstly, because we will live test the “Train-the-trainer” modules and seminars for the very first time – this learning material contains the know-how, innovative strategies and tools to enable district heating stakeholders to realise low-temperature district heating! Secondly, due to the current COVID-19 pandemic, we will meet virtually this time: partners from ten countries will join the online meeting split into three days from 24 to 26 March. The meeting was initially to take place in Tartu, Estonia. The LowTEMP Training Package will be shared soon on the [LowTEMP website](#).



In progress: LowTEMP Training Package

The need for knowledge on the initiation and implementation of low-temperature district heating (LTDH) is repeatedly emphasised by many key stakeholders from the energy sector in the Baltic Sea Region. Thus, the LowTEMP project partners are developing a training package that contains the key know-how and innovative strategies and tools to enable stakeholders to realise LTDH. The first modules will be trained and tested in the frame of the upcoming LowTEMP partner meeting this March.



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Calculation method for determining economic efficiency and funding gaps

When investing in low-temperature district heating, an objective, transparent, and effective procedure to demonstrate viability gaps in terms of investment and the amount of unprofitable costs is needed. Therefore, the LowTEMP project partners [BTU Cottbus-Senftenberg \(Germany\)](#) in cooperation with [Gulbene municipality \(Latvia\)](#), [AGFW-Project GmbH \(Germany\)](#), and [Thermopolis Ltd \(Finland\)](#) developed a specific calculation method.

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LowTEMP as part of "Vidzeme Innovation Week" (Latvia)

From 24th to 28th of February 2020, "[Vidzeme Innovation Week](#)" was held with more than 26 events throughout Vidzeme region. Efficient building management, engineering networks and energy management systems in municipalities were the topics in the frame of the event week. The [LowTEMP pilot projects in Latvia](#) and the District Heating Knowledge Platform were presented in two of the events.

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Photo credits: Vidzeme Planning Region.

Next phase of LowTEMP pilot measure in Petrozavodsk (Russia)

[ANO Energy Efficiency Centre](#) presented the results of a [survey on heat supply systems of municipal social facilities](#) to committees for housing utilities and social development from Petrozavodsk City Administration. It was shown that in 15 buildings the average heat consumption per square meter is almost six times higher than in similar buildings. Based on these data, Petrozavodsk City Administration and ANO EEC will follow measures to further evaluate these problematic buildings and to modernise the heat supply in social facilities in Petrozavodsk.

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Digitaliation of energy consumption data: a tool for easier building management (Latvia)

On the 17th of December 2019, [Vidzeme Planning Region](#) held a training for technical staff and teachers at Alūksne City pre-school educational institution "Pienenīte" - a [pilot project in the LowTEMP project](#). The training introduced the modernised heating system to the staff and demonstrated how an energy consumption data monitoring system can help to improve the indoor climate.

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Photo credits: Vidzeme Planning Region.

LowTEMP was part of "EU in South Ostrobothnia" (Finland)

The event [EU in South Ostrobothnia](#) was held on the 5th of March 2020 in Alajärvi municipality. The theme for this year's event was "environment and climate". The event gathered EU funded projects from all over the region, from which LowTEMP was one of them presented by the project partner [Thermopolis Oy](#) at the exhibition.

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Photo credits: Matti Alakoskela (Thermopolis Oy)

Announcement: LowTEMP Final Conference in Hamburg on the 2nd of September 2020

The LowTEMP Final Conference will take place on the 2nd of September 2020 in the frame of the International Conference "Transformation of District Heating" at HafenCity University (HCU) in Hamburg. The Final Conference will present the main results of the LowTEMP project as well as strategies and concepts for the realisation of low-temperature district heating systems and already implemented best practices.

[Read more...](#)



Photo credits: ZEBAU GmbH

Watch LowTEMP now! Project video informs about LTDH and partner activities

How can we reduce energy waste and CO₂ emissions in the BSR? Watch the video and learn about the aims and activities around the LowTEMP project! Project partners inform about a [District Heating Knowledge Platform](#), the advantages of LTDH, [pilot measures](#), environmental effects, business models and much more.

[Watch the video...](#)



Upcoming events

Fachtage Fernwärme, 18.-19. March 2020, Kassel, Germany

This specialist event on the subjects of technology & security, energy management, law & politics, energy & climate concepts, and research & development offers manufacturers of the entire process chain, planners, service providers, research institutions and utilities a platform for an intensive exchange of experience.

[Visit the website...](#)

SweDeHeat Vol. II - On the road to no/low carbon district heating, 22. April 2020, Potsdam, Germany

The aim of this Workshop is to identify the possibilities for reducing carbon emission in district heating in Germany and Sweden.

[Visit the website...](#)

Cities and Citizens Energy Forum, 22.-24. April 2020, Heerlen, The Netherlands

The Forum will show the progresses, potentials and diversity of local energy initiatives. It will provide a platform for sharing solutions, failures, needs for new policies and legal frameworks.

[Visit the website...](#)

Euroheat & Power Conference 2020, 05.-06. May 2020, Brussels, Belgium

The Conference will be a major opportunity to contribute to the discussion about the role that DHC can play in helping communities, countries and Europe achieve their climate and energy ambitions.

[Visit the website...](#)

11th Annual Forum of the EU strategy for the Baltic Sea Region, 16.-17. June 2020, Turku, Finland

The Baltic Sea Region has a unique opportunity to be a forerunner, which is why the Annual Forum is looking towards a decade of innovation and sustainability. The main purpose of the Forum is to gather stakeholders and to discuss how to best cooperate within the EUSBSR framework and how to tackle topical challenges on a macro-regional level.

[Visit the website...](#)

EU Sustainability Energy Week, 23.-25. June 2020, Brussels, Belgium

Organised by the European Commission, the EUSEW is the biggest event dedicated to renewable energy sources and efficient energy use in Europe. It brings together public authorities, private companies, NGOs and consumers to promote initiatives to save energy and move towards renewables for clean, secure and efficient power. The event provides a unique platform for sharing ideas and know-how, to showcase projects, network and gain immediate feedback from policymakers and citizens alike.

[Visit the website...](#)

VII Baltic Forum of Biogas and Circular Economy, 22.-23. September 2020, Gdansk, Poland

The Forum is organised by the Baltic Eco-Energy Cluster (BEEC) and the Pomeranian Centre of Eko-Energy (PCE) in Luban. Co-organisers are industrial partners.

[More upcoming events...](#)

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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atene KOM GmbH

Contact person: Magdalena Jähler

E-mail: m.jaehler@atekom.eu

Phone: +49 341 989 717 18

www.atekom.eu

Thermopolis Oy

Contact person: Pauli Sneck

E-mail: pauli.sneck@thermopolis.fi

Phone: +358 444 384 200

www.thermopolis.fi