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## Harness waste heat for practical use – the HUIMA competition received 20 ideas

**The industry produces large quantities of waste heat that we previously haven't been able to utilise. The HUIMA competition looked for new, innovative solutions for the collection and utilisation of excess heat. The end result was 20 ideas that presented solutions for, among other things, greenhouse production and biomass drying.**

The competition, organised by development company Posintra Oy and Turku Science Park Oy, looked new, innovative solutions for the collection and utilisation of industrial excess heat.

The competition received a total of 20 daring suggestions, the most interesting of which were presented to the panel of judges in Turku on May 15, 2019.

– The day provided a lot of new information for the participants. Both the panel and the participants were excited about the daring ideas that concerned a **challenging and topical subject**, that is, collecting waste heat and putting it to good use, says **Leena Tuomi**, project manager for the idea competition at Posintra Oy.

Of these ideas, eight were chosen for further development.

– Sometimes even the smallest of ideas can grow to substantial proportions. Often this requires time, thought, and considering all the different moving parts, and that is precisely why the ideas we chose to take further will receive professional support **for a whole year** for developing a business model and technical refinement, Tuomi says.

The participants had ideas regarding waste heat utilisation, among others, **in greenhouse production and biomass drying processes** as well as **storing** heat in a heat accumulator and in the ground.

– People have a lot of ideas and it's great to see how they have courageously sent their entries to the HUIMA competition. Not everyone has the courage to set their ideas down on paper and to present them publicly for others to evaluate, says chairman of the panel, **Mikko Pohjola** from the University of Turku.

After further development, the final winner will be chosen in August 2020.

The competition is part of the ERDF-funded project of **HUIMA** – New ideas for energy efficiency in the industrial sector.

Utilising waste heat is productive, and if we were to harness industrial heat for practical use, **there would be a significant reduction in carbon dioxide emissions in Finland.**

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You can follow the project in social media with the hashtag #huimaidea