



# CHP innovation project secures €2.9m funding and proves performance in first year

## Biomass innovation consortium that can turn sawdust waste into energy announces early success

Stockholm, Sweden – 9 May 2017

The [Local Residue Energy \(Loreen\)](#) project, which is developing a cost-effective combined heat and power (CHP) plant fuelled by the gasification of unprocessed, dry biomass residues from agriculture and wood-based manufacturing, is celebrating a stellar first year. Milestones since the projects inception in 2016 have included securing €2.9 million investment from [InnoEnergy](#) – the innovation engine for sustainable energy across Europe – the completion of an extensive feasibility study and the optimisation of its demonstration system.

The project consortium is formed of [Meva Energy](#), the developer of small, circular energy systems with a minimum of distribution and parasitic losses, the research institute of Sweden (RISE) and a leading international furniture manufacturer.

The initial feasibility studies showed that Meva Energy's gasification processes will be able to produce heat and power in the range below the commercial viability of existing steam-turbine technology – typically less than 10MWe.

“Meva Energy’s technology and this project are an ideal illustration of what can be achieved through collaborative innovation and market focus,” says Dr. Roland Doll, leader of the Energy from Chemical Fuels Thematic Field at InnoEnergy. “This could be the solution that really expands the possibilities for cogeneration and for biomass.”

Niclas Davidsson, CEO of Meva Energy and Loreen’s project director, says: “Many of our potential customers have already converted fleet vehicles or begun monitoring energy consumption; they are now ready to take the next step.”

InnoEnergy’s specialist energy knowledge is so important to us. With private VCs more focused on the digital sector, there’s a great need for investors like InnoEnergy in clean tech and related fields.”

[www.innoenergy.com](http://www.innoenergy.com)



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## About InnoEnergy

InnoEnergy is the innovation engine for sustainable energy across Europe.

We support and invest in innovation at every stage of the journey – from classroom to end-customer. With our network of partners we build connections across Europe, bringing together inventors and industry, graduates and employers, researchers and entrepreneurs, businesses and markets.

We work in three essential areas of the innovation mix:

Education to help create an informed and ambitious workforce that understands the demands of sustainability and the needs of industry.

Innovation Projects to bring together ideas, inventors and industry to create commercially attractive technologies that deliver real results to customers.

Business Creation Services to support entrepreneurs and start-ups who are expanding Europe's energy ecosystem with their innovative offerings.

Bringing these disciplines together maximises the impact of each, accelerates the development of market-ready solutions, and creates a fertile environment in which we can sell the innovative results of our work.

*InnoEnergy was established in 2010 and is supported by the European Institute of Innovation and Technology (EIT).*

## About Meva Energy

Meva Energy is one of the world's leading providers of gasification technology for renewable energy production. The company was founded in 2008 as a result of biomass gasification research at Luleå University of Technology and at the ETC gasification centre. Since then, the company has built world-class expertise in thermochemical process engineering, gasification and syngas cleaning. Meva Energy is member of the Renewable Energy Association (REA), the Fördergesellschaft Erneuerbare Energien (FEE eV), which represent the interests of the biomass gasification industry, and the Swedish Gasification Centre. Meva Energy is also a Swedish Energy Agency portfolio company.

For more information see [www.mevaenergy.com](http://www.mevaenergy.com).