IEA Bioenergy

WEBINAR SERIES

Integrated Bioenergy Hybrids - Flexible Renewable Energy Solutions

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Elina Hakkarainen
Research Scientist
VTT Technical Research Centre of Finland Ltd

Study Authors:

Ilkka Hannula, Elina Hakkarainen, Andreas Ortwein, Ernst Höftberger, Kai Sipilä, Kyriakos Maniatis

Presentation Summary:

This webinar presents the key findings of a recently concluded IEA Bioenergy project: Bioenergy RES hybrids. An integrated bioenergy RES hybrid is defined as an energy conversion process that has at least two renewable energy inputs, one of which is bioenergy. Several examples already exist, most focused on domestic heating applications. Future growth of hybrids can also be expected in district heating and cooling networks, farm scale energy systems, in power grids to provide flexibility in VRE (variable renewable energy) dominated grids, and to boost the production of biofuels or chemicals.

The project surveyed the status of bioenergy hybrid technologies in Finland, Germany and Austria based on on-going RD&D programs and operating hybrid systems and considered future development potential. The webinar summarises the main findings of the project and suggests key actions for the next five years needed to spur investment in bioenergy hybrids technologies in energy sector.

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Tel: +1-705-744-1715 ext. 630 Fax: +1-705-744-1716

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