

# Cogenerating a renewable future

## The role of small-scale bio-CHP in Europe's energy mix

**27 November 2023 – Silversquare Bailli, Brussels**

Currently, around 80% of cogeneration plants use natural gas and fossil fuels as their primary source. The EU-funded SmartCHP project has developed a novel, flexible small-scale cogeneration unit to produce heat and electricity from sustainable biomass. This will help boost the use of renewables in the electricity and heating and cooling sectors, contributing to the 2030 climate and energy targets.

At the occasion of the project final conference, experts will share the latest technical innovations in bioenergy CHP, discuss market trends, and share recommendations for policy.

### Agenda

14:00	Welcome	<b>Vicky Mosteyrin</b> , Greenovate! Europe
Technology session		
14:10	SmartCHP: Smart and Flexible Heat & Power from Fast Pyrolysis Oil	<b>Bert van de Beld</b> , BTG Biomass Technology Group
14:35	Blaze: Innovative, highly efficient and fuel-flexible technology for CHP from biomass	<b>Enrico Bocci</b> , USGM
	SO-FREE: Solid oxide fuel cell combined heat and power	
15:05	Fit4Micro: Clean and efficient microCHP by micro-turbine-based hybrid systems	<b>Michel Delanaye</b> , MITIS
15:20	Coffee break	
15:40	Market & implementation session	Dowel Innovation (moderator) <b>Kjell Andersson</b> , Svebio – Swedish Bioenergy Association & IEA Bioenergy Task 44: Flexible Bioenergy and System Integration <b>Dimitris Sarantaridis</b> , Exergia Climate Change Consultants
16:20	R&I policy on bioenergy	<b>Thomas Schleker</b> , European Commission DG RTD
16:35	Policy & regulation panel	BTG Biomass Technology Group (moderator) <b>Irene Di Padua</b> , Bioenergy Europe <b>Dominika Lange</b> , COGEN Europe <b>Thomas Schleker</b> , European Commission DG RTD
17:00	Networking reception	