Combining Heat and Power for an Ambitious Path to Net-zero Emissions

This November, world leaders will converge in Belém, Brazil for the 2025 United Nations Climate Change Conference (COP30). This conference marks 20 years since the Kyoto Protocol entered into force and 10 years since the adoption of the Paris Agreement. In this context, it will be important to recognise the major role cogeneration plays in the decarbonisation and expanded electrification of the power system by increasing the efficiency of electricity generation through the capture of waste heat. Especially when coupled with electricity generation from low-carbon fuels such as biomass and renewable natural gas, cogeneration becomes building block of a resilient, efficient and low-carbon economy.

Webinar Series Theme: COGEN World Talks
Platform: Zoom (virtual)
Date: 5 November 2025
Timing: 15:00-17:00

Draft Programme

15:00 – 15:05	Welcome/Introduction: Thomas Smith, President, COGEN World Coalition
15:05 – 15:10	Welcome/Introduction: Newton Duarte, Executive President, COGEN Brazil
15:10 – 15:25	Danilo Perecin - Energy Director, Secretariat for Environment, Infrastructure and Logistics of the State of São Paulo, Brazil
15:25 – 15:30	Q&A
15:30 – 15:45	Case Study #1 (Cogeneration with Biogas): Lucas Monteiro, Gas and Renewables Commercial Manager, Sotreq
15:45 – 16:00	Case Study #2 (Cogeneration with Sugarcane Bagasse in the Ethanol and Sugar Mills): Gustavo Flores, Manager, Atvos
16:00 – 16:15	Case Study #3 (Cogeneration with Black Liquor in the Pulp & Paper Industry): Ramon Abrão, Process Engineering, LD Celulose
16:15 – 16:30	Case Study #4 (Cogeneration with Biogas in the Ethanol and Sugar Mills): N.N., INNIO
16:30 – 16:50	Q&A
16:50 – 17:00	Concluding Remarks: Alex Marshall, Vice President, COGEN World Coalition

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