

## Press Release

Oslo, Norway - 16 March 2023

### **CO2 Capsol gains traction in carbon capture from Waste-to-Energy – Awarded contract for a feasibility study from KVA Linth**

CO2 Capsol has been selected by KVA Linth to conduct a feasibility study for the CapsolEoP™ (end-of-pipe) carbon capture technology at a Waste-to-Energy plant located in Switzerland. Once modernised in 2025, the plant has a carbon capture potential of more than 100,000 tonnes of CO<sub>2</sub> per year, of which half of the CO<sub>2</sub> comes from biogenic sources.

“We are pleased to be awarded this feasibility study with KVA Linth, which is a confirmation of our strong traction for carbon capture within the Waste-to-energy industry. Since a large part of the waste has biogenic origin, capturing and storing the CO<sub>2</sub> is an effective way of removing CO<sub>2</sub> from the atmosphere (negative emissions) with our safe and environmentally friendly technology for capturing of CO<sub>2</sub> from flue gases,” says Jan Kielland, CEO of CO2 Capsol.

Currently, there are over 2,600 Waste-to-Energy plants globally with an incineration capacity of around 460 million tonnes of waste per year. This number is expected to increase, to about 3,000 plants with a capacity of about 630 million tonnes by 2031, according to environmental and energy technology consultancy Ecoprog. One tonne of waste incinerated equals about 1 tonne of CO<sub>2</sub> emissions that can be captured.

#### **Traction within the Waste-to-Energy industry**

CO2 Capsol is emerging as an attractive technology provider for CO<sub>2</sub> capture from Waste-to-Energy plants.

Recent activities include:

- In September 2022, a CapsolGo® carbon capture demonstration campaign was initiated at Öresundskraft's Energy-from-Waste plant Filbornaverket in Helsingborg, Sweden.
- During Q1 2023, a 12-month CapsolGo® demonstration campaign for a major German energy company will start operating at an Energy-from-Waste plant and later at a biomass-fired combined heat and power plant.
- CO2 Capsol signed in December 2022 a Cooperation agreement with Sumitomo SHI FW for delivery of standardised carbon capture plants for Waste-to-Energy plants.
- CO2 Capsol is working with Sumitomo SHI FW and Woima to develop a carbon capture plant at Westenergy's Waste-to-Energy plant in Vaasa, Finland.



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**About CO2 Capsol**

CO2 Capsol is a carbon capture technology provider with a goal to accelerate the transition to a carbon negative future. The company's energy efficient, cost competitive and environmentally friendly solution is licensed out either directly to customers or through industrial partners globally. Key target segments include cement, biomass, energy-from-waste, power generation and large industrial. CO2 Capsol is listed on Euronext Growth Oslo, Norway (ticker: CAPSL). For more information visit [co2capsol.com](https://co2capsol.com).