

SCHEUCH

## **Scheuch invited for exchange ideas for CO<sub>2</sub>-project**

**Results from the pioneering Austrian CO<sub>2</sub> conversion project were presented and the next steps worked out at the expert meeting.**

On 23 September, leading representatives of the 'Direct Carbon Capture and Electrolysis' (directCCE) research project met at Scheuch, a leading international environmental technology company, in Aurolzmünster. The meeting focussed on discussing the progress of the current work packages and planning the next steps and milestones. In addition, the participants were given an exciting insight into the Scheuch Group's technologies and developments for gas pre-purification and CO<sub>2</sub> capture during a tour of the plant.

### **About the directCCE-project**

The directCCE research project, coordinated by the Vienna University of Technology, aims to develop a new type of technology for the direct conversion of CO<sub>2</sub>-rich flue gas from combustion plants into climate-neutral hydrocarbons. Through a combination of CO<sub>2</sub> capture and electrocatalytic conversion, an innovative approach is to be demonstrated that enables the sustainable utilisation of CO<sub>2</sub> as a raw material. Scheuch was chosen for the project due to its experience and expertise in the field of flue gas cleaning.

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The project is funded by the Austrian Research Promotion Agency (FFG) as part of the 'Vorzweigeregion Energie' call for proposals and is part of the NEFI (New Energy for Industry) innovation network.

### **Working together for a sustainable industry**

The consortium meeting at Scheuch was an important milestone in the directCCE project, which not only drives technological innovation but also paves the way for sustainable industrial processes in Austria. The exchange between the partners illustrates the commitment of the participating companies and institutions to developing innovative solutions for climate protection and driving forward the decarbonisation of industry.

### **About Scheuch Group**

The Scheuch Group is a family-owned business whose goal is to make a positive impact to protecting the earth and local communities with sustainable technologies for air pollution control. For more than half a century, the Upper Austrian company has been working to reduce particulate matter and emissions from the air by means of extraction, dust removal, conveying and flue gas cleaning. These technologies and others also reduce noise and odors that are produced during the manufacturing process. In addition to serving the industrial minerals, energy, metal, wood-based materials, glass and wood industries, the core business also includes service and components. Customers can leverage all or any of the services the company delivers from sales, project management, design, research & development, manufacturing, assembly, commissioning and after-sales service. Today, the Scheuch Group and its more than 1,500 employees and subsidiaries across the globe, is regarded as a leading international environmental technology company.

Caption:

Foto: Scheuch

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**The project consortium consists of the partner organisations Wien Energie, GIG Karasek GmbH, ENRAG GmbH, Montanuniversität Leoben, University of Innsbruck, NOVAPECC GmbH and the Vienna University of Technology.**

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