

# SEMINAR

Monday May 7<sup>th</sup>, 17.00, ETH Hönggerberg HIL E8

**VALENTIN GUTKNECHT, CLIMEWORKS MARKETING & COMMUNICATIONS**

*CLIMEWORKS* – Capturing CO<sub>2</sub> from air

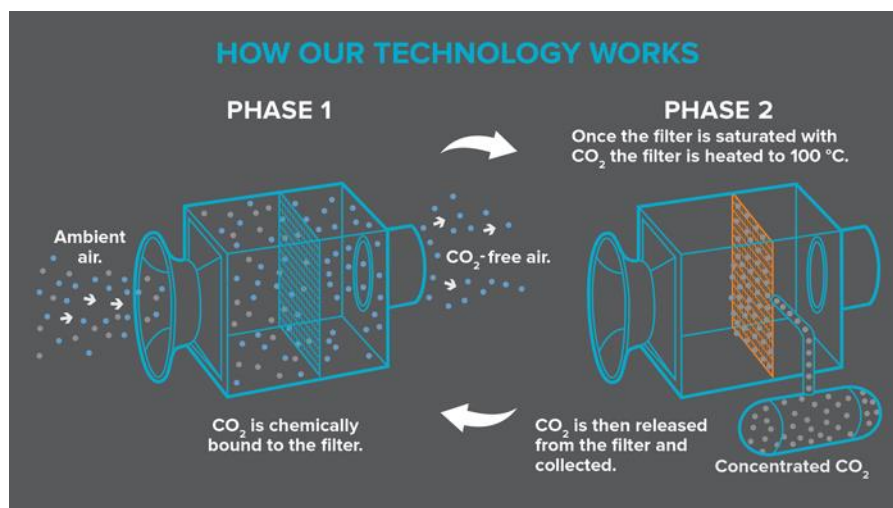
Our technology and the path to a global solution

Despite significant strides in renewable energy and energy efficiency, these efforts will not suffice in order to meet the critical 2 °C target set by the Paris agreement. Additional CO<sub>2</sub> removal from the atmosphere will be required.

Climeworks was born in 2009 as an ETH Spinoff funded by ETH alumni Christoph Gebald and Jan Wurzbacher. They have since developed the first commercial carbon removal technology on the market today, allowing to physically remove any organization's or individual's past, present and future CO<sub>2</sub> emissions.

Using an air filter technology, Climeworks is able to capture atmospheric carbon and concentrate it as a pure CO<sub>2</sub> gas to while carbon-free air is released back to the atmosphere. The pure CO<sub>2</sub> gas is then sold to customers in key markets, including food and beverage industries, commercial agriculture, the energy sector, and the automotive industry.

In this seminar, Valentin Gutknecht will present the motivation behind Climeworks and the technology that makes carbon removal possible, as well as the current state of the company's operation and the path to provide a global scale solution for carbon emissions.



<http://www.climeworks.com/>

For more information, please contact Professor Peter Molnar ([molnar@ifu.baug.ethz.ch](mailto:molnar@ifu.baug.ethz.ch))