

Bern, 10.12.2024

Membrane als Abscheidungs- technologie: Pilotanlage bei der KVA Satom

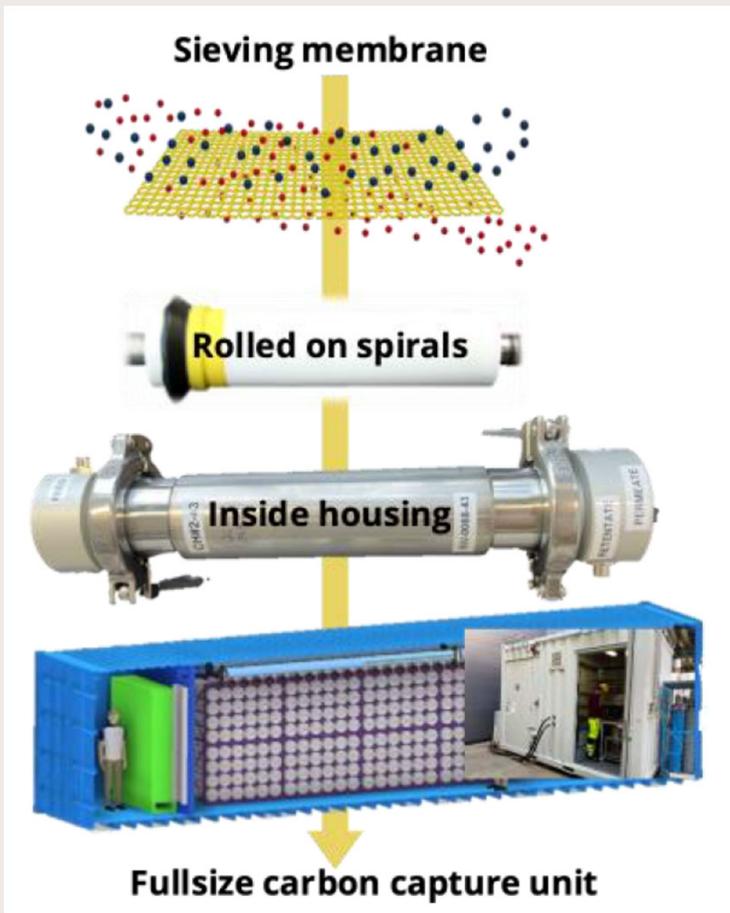


Kontext

- Untersuchung Potential Membranen für KVA
- In Ergänzung zu den Aktivitäten vom CO₂-Kompetenzzentrum ZAR
- Kontakt mit mehreren Anbietern (MTR, UniSieve, EPFL, usw.)
- Entscheid für eine 1. Pilotanlage von UniSieve



Membrane as CC technology



- modular, scalable to different feed streams
- advantages: no heat / steam required, no chemical operation
- established tech for chemical application but uncertainties regarding impact of real WtE flue gas (particles!)



Pilot Allalin by UniSieve



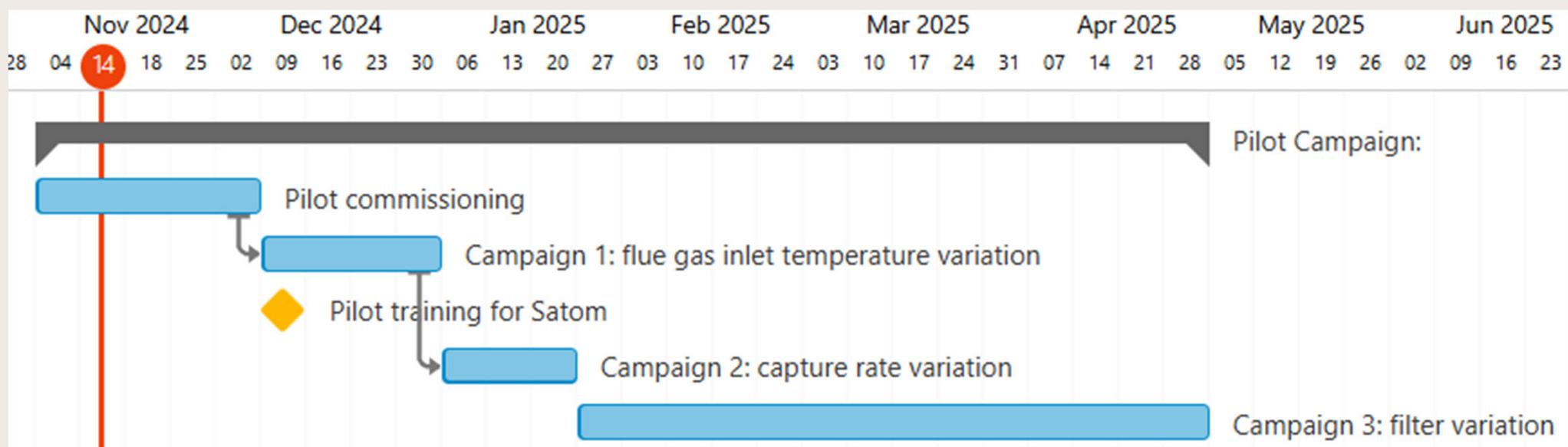
Pilot Allalin

- plug-in system
- “1812” membrane cartridges for single or double stage operation
- feed suction pump
- all necessary controls and sensors to autonomous operation with remote access (LTE) and online monitoring



Test campaigns

Start: today ! (10.12.2024)





Kontakt UniSieve

Hagen Rockmann

hagen.r@unisieve.com

Kontakt Satom

Gaëlle Fumeaux

gaelle.fumeaux@satomsa.ch

