

Technology Centre Mongstad

Energiskiftet 8-9 mars

Marie Berg

General Legal Counsel

Finance and Administration Manager



- catching our future



Mongstad

Bergen



Joint venture
established in 2009



We promote competitive CO₂ capture deployment

The world's largest technology test centre aiming to facilitate industrial scale deployment of carbon capture.

The world's largest open access test centre



Proprietary Testing

>28,000 hours



Non-Proprietary Testing

>20,000 hours



Sharing Knowledge

60+ scientific publications



Advisory Services

>14 project developers



Key Facts

Industrial flue gases & Utilities

Two industrial flue gas sources with different levels of CO₂ (1 – 20 %).
Utilities (steam, process water, sea water, electricity, instrument air, fire water).

Post-combustion technologies

Amine technology plant.
Site for Emerging Technologies.

Capacity

Amine plant: 12 Mwe.

Site for emerging technologies: 3 MWe modules.

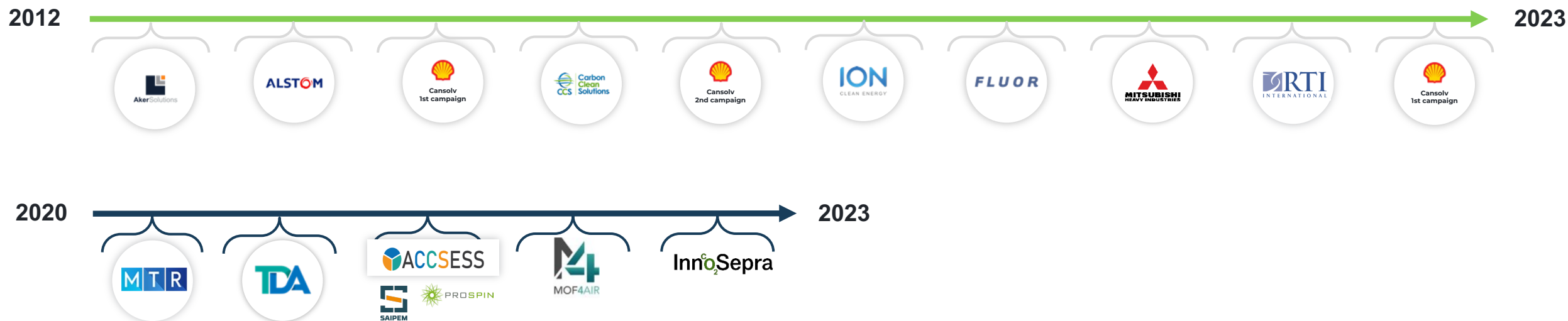
TCM is 20-25% of the size of Norcem's and Hafslund Celsio's fullscale facilities

Monitor and control

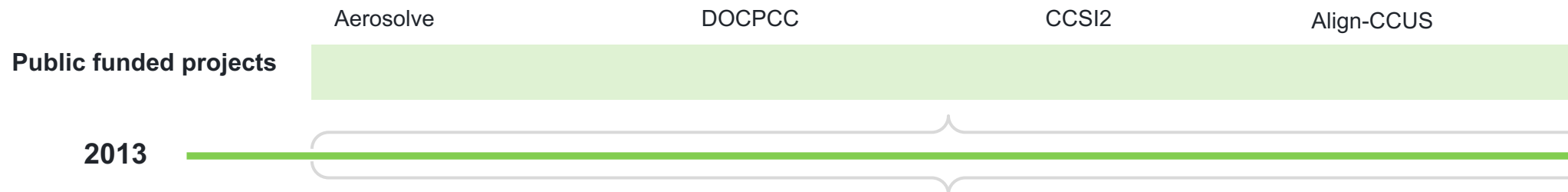
4,000 online instruments
100 manual sampling points
Sophisticated analytical methods

Test campaigns conducted in 10 years of operation

Proprietary test campaigns > 28,000 hrs



Non-proprietary test campaigns > 20,000 hrs





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