

CCUS2019

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C-Capture

**designing world-leading chemical
processes for carbon dioxide removal**

Our Vision

**To create the most energy
efficient CO₂ capture
solutions through chemistry
& engineering innovation**



Patented Dec. 2, 1930

1,783,901

UNITED STATES PATENT OFFICE

ROBERT ROGER BOTTOMS, OF LOUISVILLE, KENTUCKY, ASSIGNOR TO THE GIRDLER CORPORATION, OF LOUISVILLE, KENTUCKY, A CORPORATION OF DELAWARE

PROCESS FOR SEPARATING ACIDIC GASES

Application filed October 7, 1930. Serial No. 486,918.

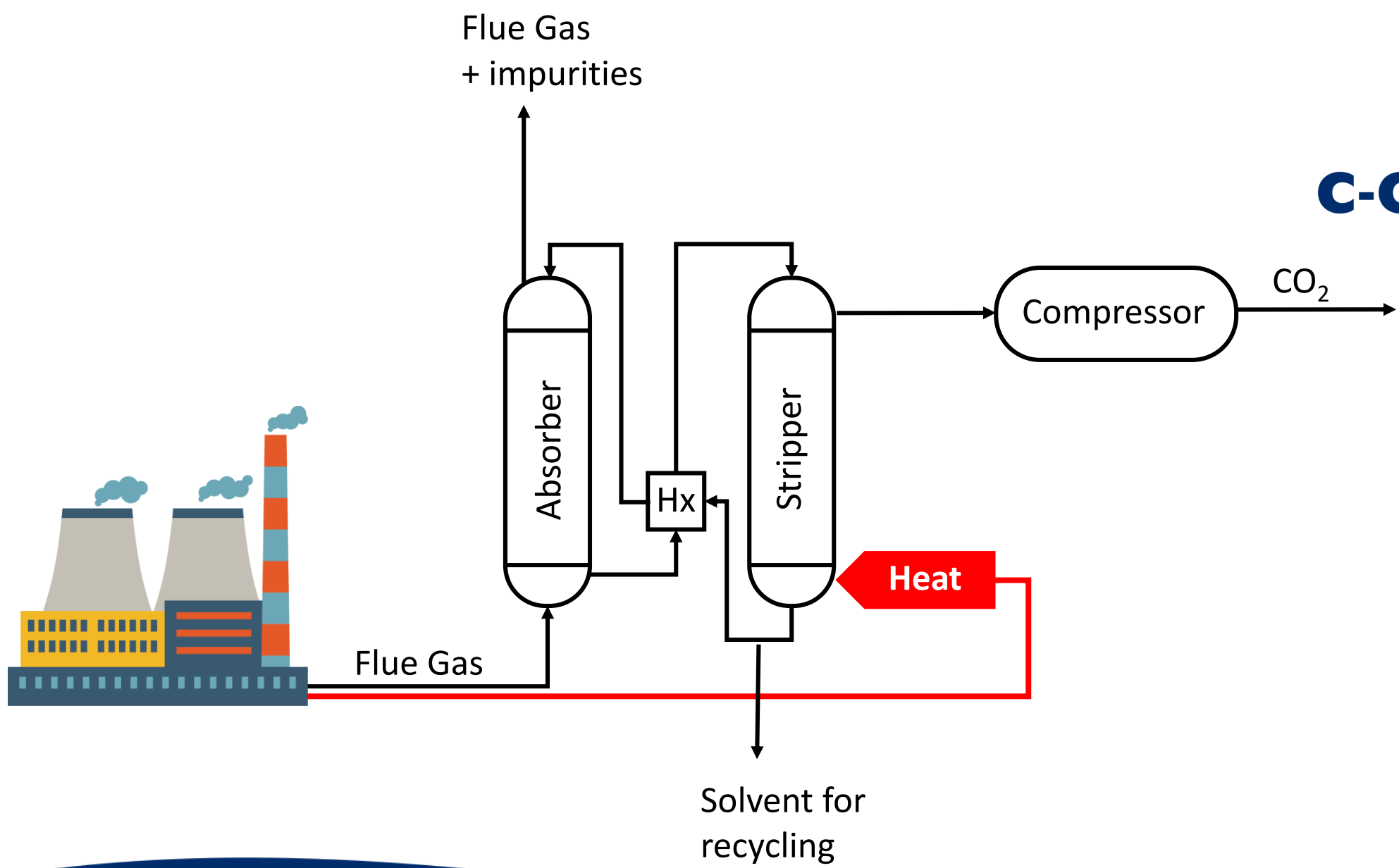
REISSUED

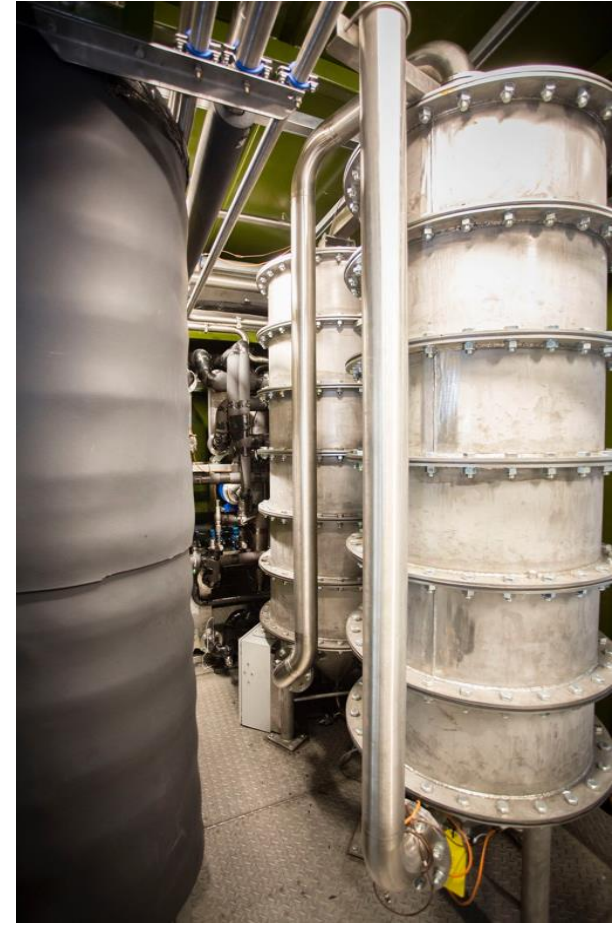
I have discovered that certain organic nitrogen compounds of the class known as
10 amines may be employed for this purpose. An amine may be considered as an ammonia substitution compound in which one or more of the hydrogen atoms of the ammonia are replaced by a group containing carbon and hydrogen.
45

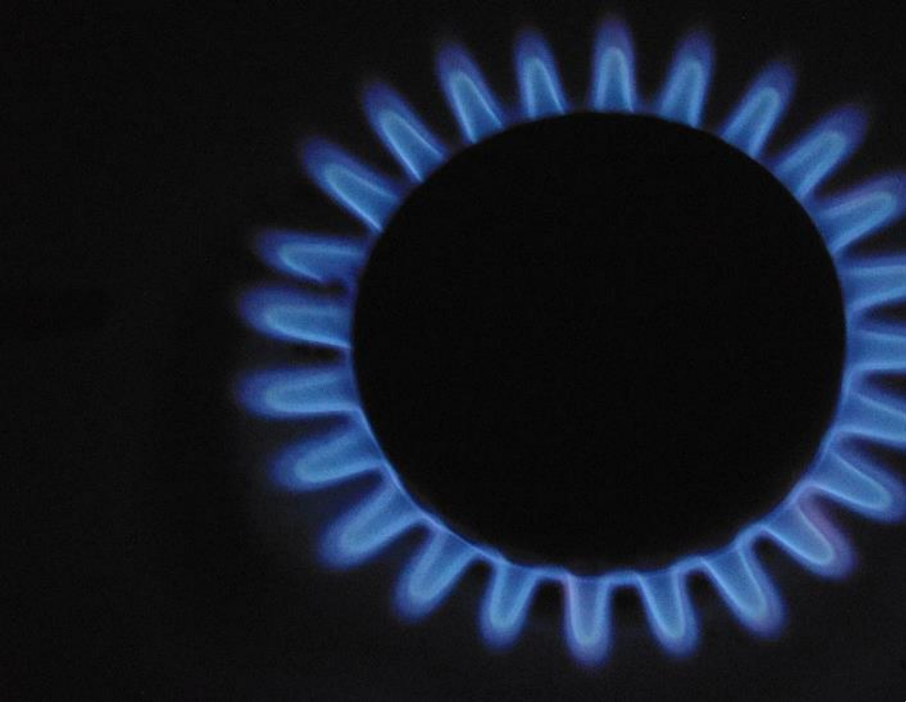




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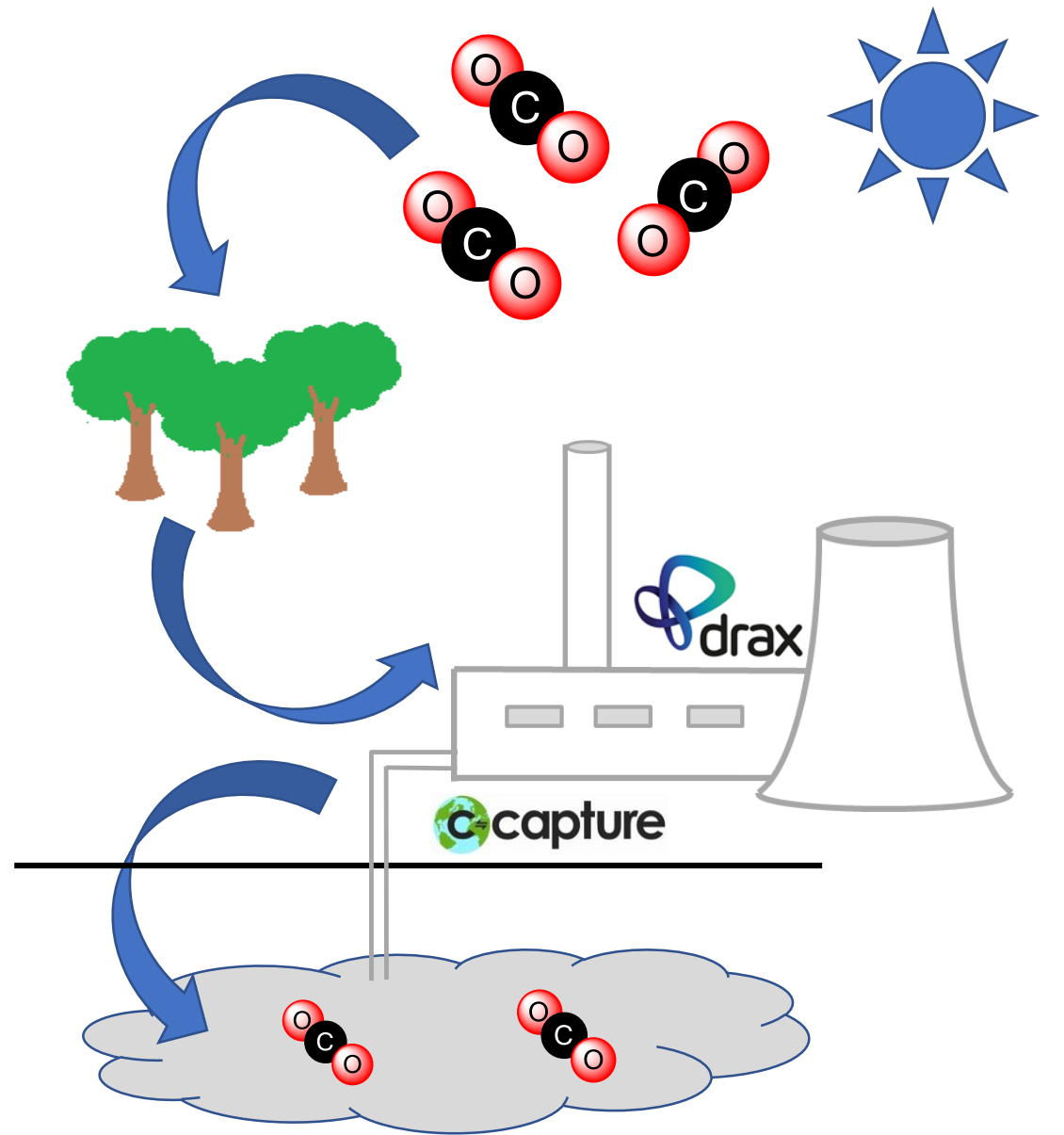
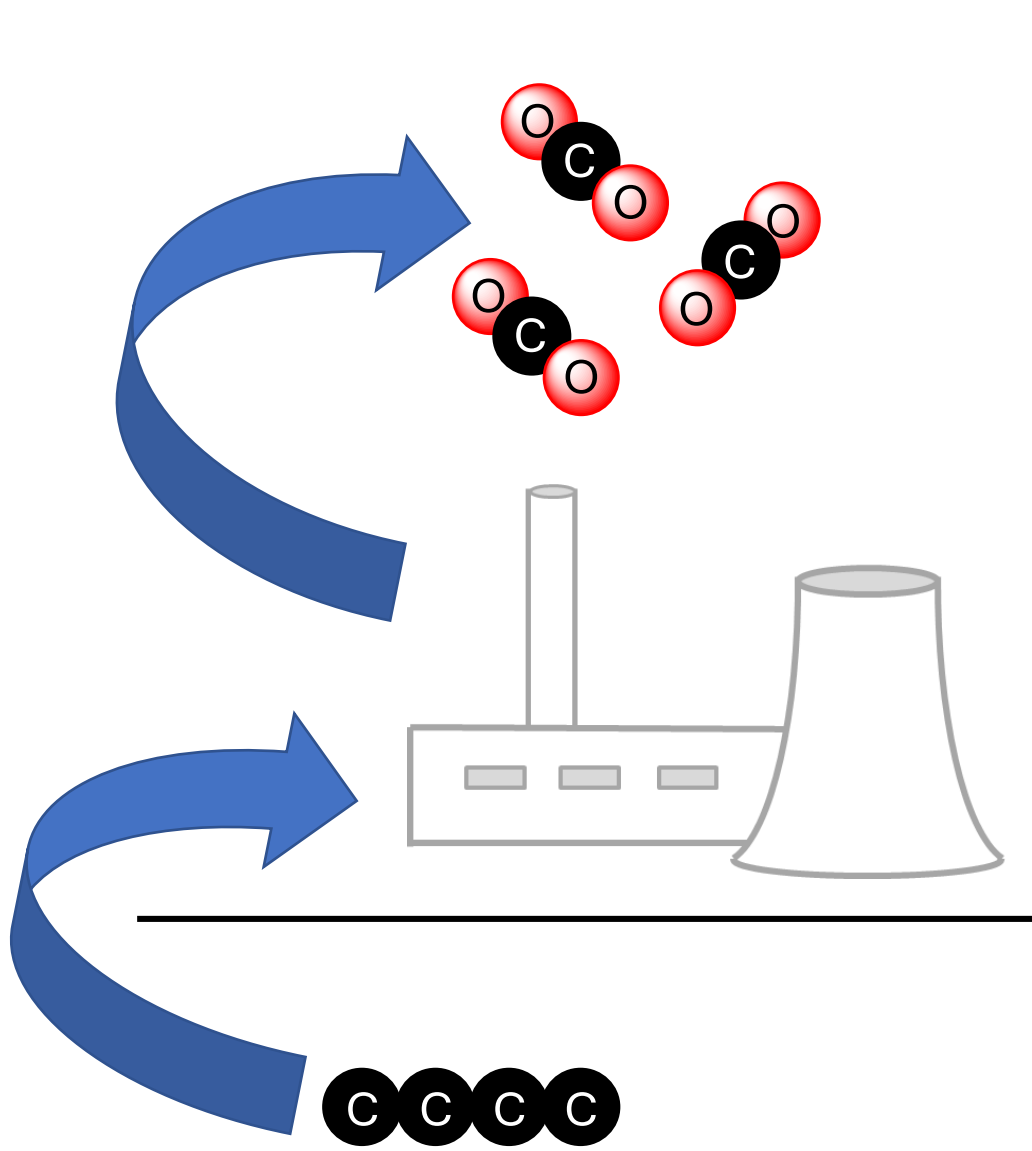






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SINTEF



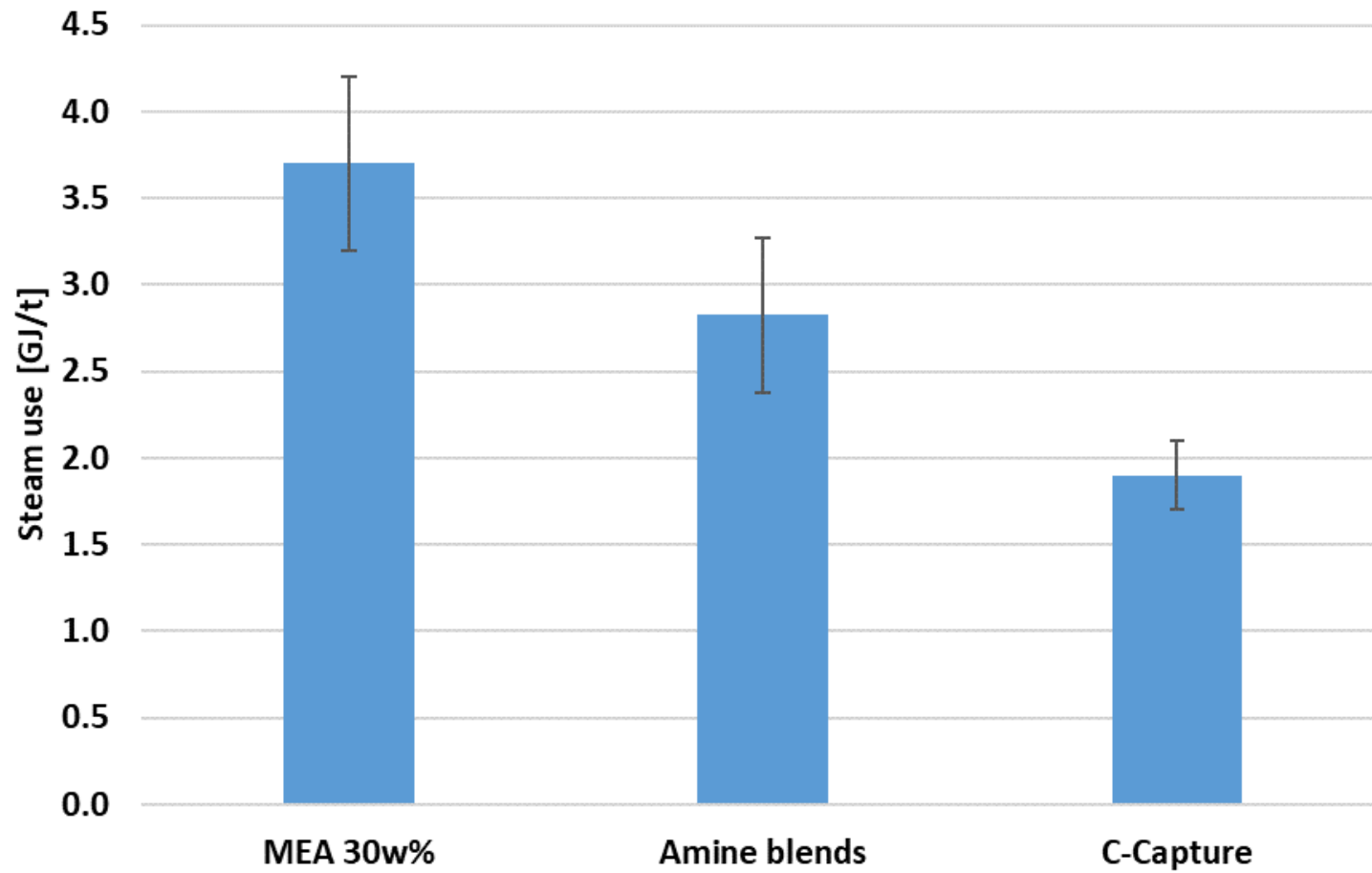
TECHNOLOGY
CENTRE
MONGSTAD

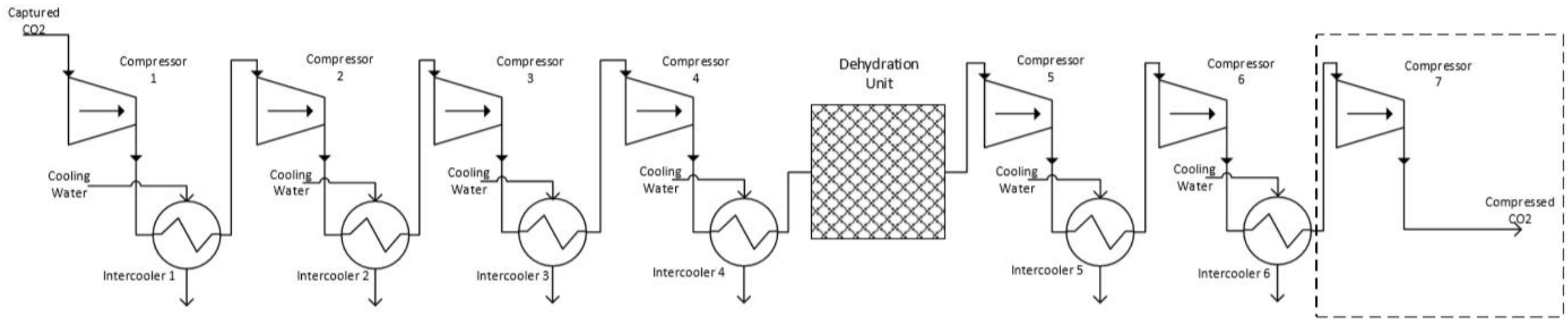


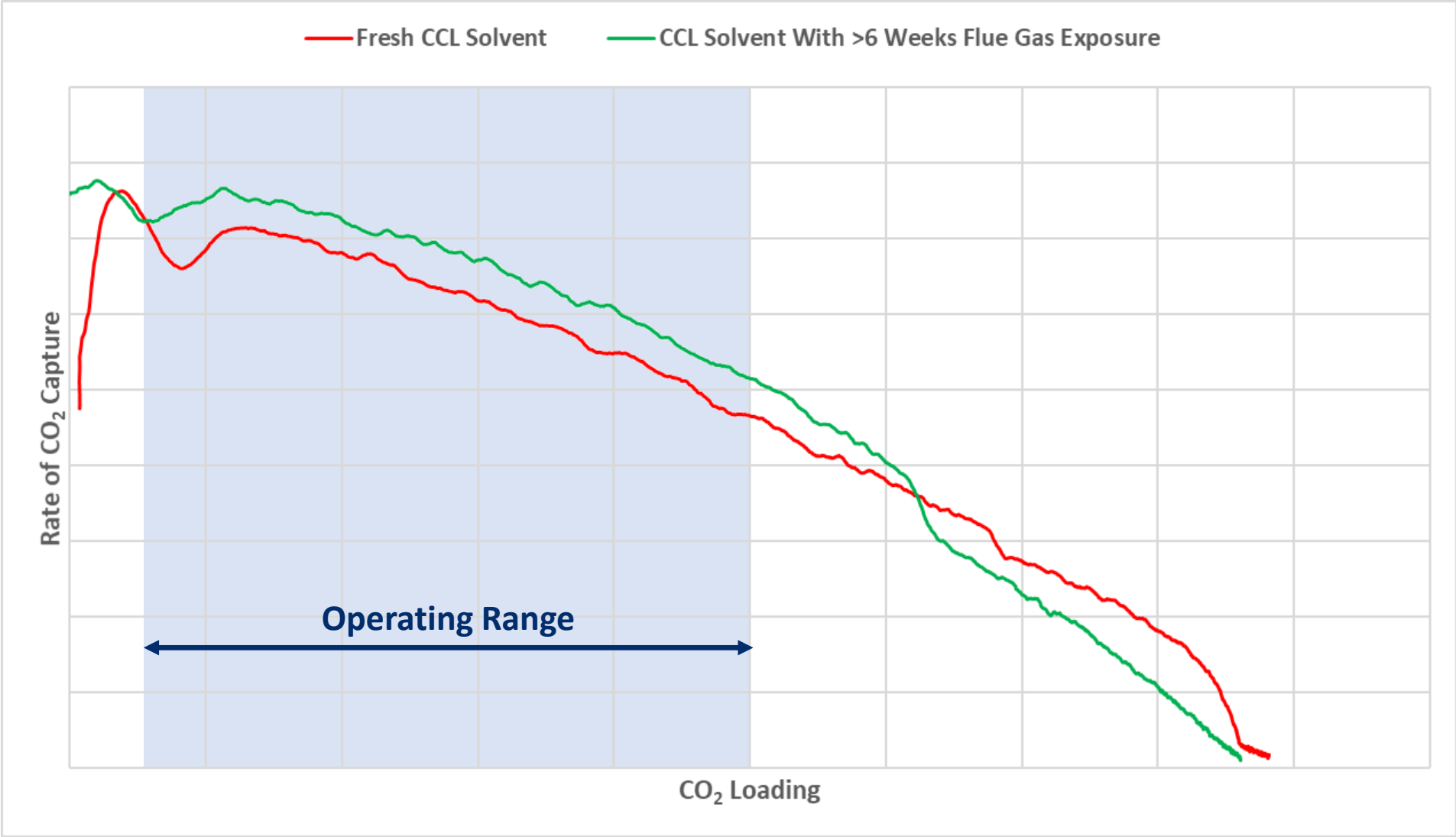














drax



Thank you



ipgroup



UNIVERSITY OF LEEDS



Department for
Business, Energy
& Industrial Strategy