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First Highlights ConsenCUS

Dear all,

It is with pleasure that we send you our first ConsenCUS highlights! Our goal is to send out this update a couple of times per year. As this is the first, this will only be send out to the ConsenCUS partners directly, but it is highly appreciated and encouraged to forward it to whom it may be of interest. And of course, interested colleagues, partners, stakeholders and any other can now subscribe to this newsletter on our website, www.consencus.eu!

In this item we have the public “premiere” of our Animation Video. This video is a beautiful way of explaining our project to a broad public. Feel free to share this video on your own media channels! Other news items, which will be repeated throughout the year, give more insights in the (intermediate) results of the project. Also, we introduce our partners with some background information. In this first newsletter both New Energy Coalition and Wetsus are introduced.

Thanks for your interest in ConsenCUS!

Dirk Koppert, project manager



Animation Video

To explain the work of ConsenCUS to our audiences, we made a short animation video. ConsenCUS integrates all domains considering CCUS. The key is demonstrating novel techniques to lower costs of CO₂ capture and conversion, while taking only electricity and water as consumables and therefore making the process more sustainable.

But also the TechnoEconomic Analysis and value chain analysis in 2 clusters (NW-Europe and SE-Europe) will be researched. As well as the need for intermittent storage underground. Finally, also community engagement towards these new solutions in the field of CCUS is evaluated and researched.

To explain this, we made a short video that gives a bit more information and to explain our goals to the general public.



ConsenCUS project Meeting 26/27 October

On Tuesday 26th and Wednesday 27th of October 2021 the ConsenCUS partners met each other in a full-packed productive two-day meeting. Despite the hurdles of travelling in COVID-time, 30+ persons attended the meetings, with more followers via digital channels. [Read more.](#)

Introducing the partners



The partners behind ConcenCUS

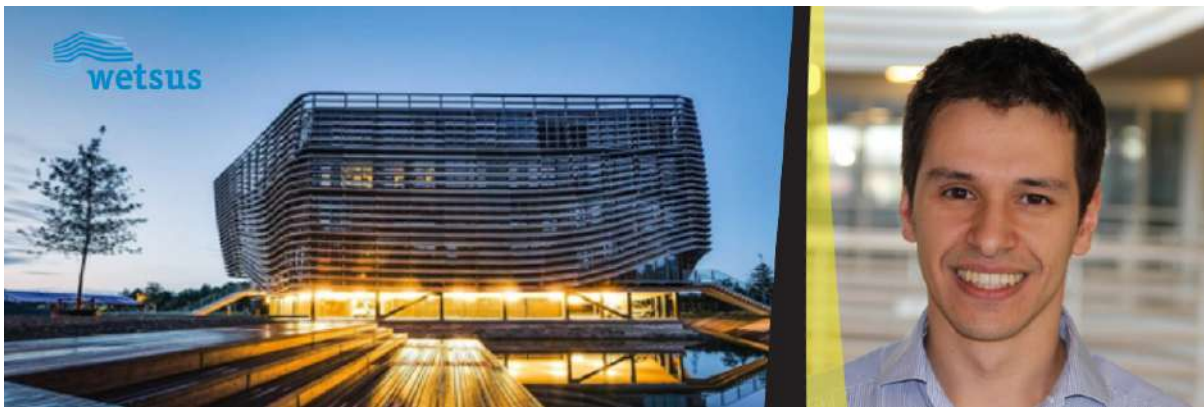
In each newsletter, we will introduce two partners who are associated with this research project. This week we kick off by introducing New Energy Coalition and Wetsus.



New Energy Coalition

New Energy Coalition is a continuously growing network of knowledge institutions, companies, governments, and NGOs working together on the energy transition for a sustainable future. The organization connects knowledge, markets and policy. New Energy Coalition is rooted in the Northern Netherlands, where a wealth of energy knowledge has been traditionally concentrated, and where there is a strong energy infrastructure. From this knowledge position, the coalition works on energy innovations, research and education. The region as a testing ground, with (inter)national scope.

Within the ConcenCUS project, New Energy Coalition fulfils the role of project manager. Project leader Dirk Koppert and Work Package 9 Communication & Dissemination leader Charles van Santvoord are among those committed to this project.



Wetsus

Wetsus, European Centre of Excellence for Sustainable Water Technology, is a water research institute located in Leeuwarden (The Netherlands). Wetsus carries out multidisciplinary research performed by 60 PhD students and postdoctoral researchers in the field of desalination, water treatment, and renewable energies. Our main goal is to facilitate breakthrough innovations for water technology, by promoting a long-term collaboration with all the actors involved in the water sector, such as public/private companies, universities, and policy makers at regional, national and European level. To date, Wetsus has created a unique working environment where more than 130 companies worldwide and 20 European knowledge institutes collaborate to create innovative solutions to water-related problems.

Within the ConsenCUS project, Wetsus will lead the R&D activities on the optimization and upscaling of the CO₂ capture technology (WP2), based on experience gained on water electrochemistry within the Wetsus 'Sustainable Carbon Cycle' theme. In particular, Wetsus will focus on strategies to optimization, design, and construction of the pilot-scale electrochemical regeneration unit, which will be tested in the three field-test locations at industrially-relevant current densities (1-10 kA/m²). In particular we will introduce Michele Tedesco as part of this team.



First Deliverables

Nr.	Deliverable	Public/confidential
D1.1	Initial Risk Plan	Confidential
D1.3	Project Management Handbook	Confidential
D1.4	Data Management Plan	Public
D7.3	Systematic review (Literature review of community impacts and social acceptance of CCUS or similar greentech capital projects)	Public (to be published)
D9.1	Project website	Public
D9.2	Communication Plan	Public
D10.3	Requirement no. 3 (import/export of materials)	Confidential
MS1	Shortlist of suitable promoters for capture	-

The project ConsenCUS is now 7 months old and on schedule. In the first months the emphasis is on organizing the project with more “workpackage management” deliverables and arrangements for the proper execution of the H2020 project. But also some first ‘real-work’ deliverables and milestones are finished.



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