

30 November 2018



The Word of the President

A year has passed since the creation of our association and I think that we can be proud of what we accomplished together. Also, a lot is happening around CCU, both on the political and industrial fronts. The time is now... to expand our network further, to

strengthen the synergies within our Association, and to work on potential joint projects at scale!

In this spirit, the Board has refined our [strategy](#) for the coming years, which was presented at the CO₂ Value Day in Antwerp and which rests on the following 3 priorities:

1. Development of a collective intelligence of the most promising CO₂ conversion technologies;
2. Support for the upscaling of technologies, for example via multi-stakeholder demonstration projects;
3. Advocacy actions to ensure that appropriate regulations and market incentives are put in place at the European level to enable the market deployment of CCU technologies.

Our membership base has grown to 60 members and we will continue recruiting new members from across the CCU value chain, with a special focus on stakeholders who are developing CO₂ conversion technologies.

The CO₂ Value Day on 16 October was a first opportunity to gather our members. Participants particularly appreciated the afternoon workshop during which they could exchange views on common issues and needs. Next year, we intend to increase interactions among our members, for example by organising a big networking event after our General Assembly, on 19 March. You will soon receive more information about this and I hope that many of you will attend.

Let us continue to grow the CCU industry together!

Stefanie Kesting

President CO₂ Value Europe

New members

We are happy to welcome 5 new members that have joined our association since May.



Dredging, Environmental
& Marine Engineering



First General Assembly and CO₂ Value Day

On 16 October 2018, around 80 leading industrial and research stakeholders from across Europe gathered in the Port of Antwerp, Belgium to attend the first CO₂ Value Day and the General Assembly of CO₂ Value Europe.

During the event, a flagship multi-stakeholder power-to-methanol demo project, currently implemented in the Port of Antwerp, was presented and an interactive workshop took place allowing the participants to discuss common concerns and actions relative to the conversion of CO₂ into building materials, fuels and chemicals. The event's press release is available in

Save the dates

- The next **General Assembly** will take place on **19 March 2019 in Cologne**. It will be combined with a speed networking event, allowing participants to get to know each other.
- **CCU Conference in Cologne** organised by Nova Institute on **20-21 March 2019**. 20% discount for our members with the code "CVE". Click [here](#) for the programme and [here](#) to register.

the [news section](#) of the website and the presentation slides in the [library section](#). You can also watch the 2-minute [video](#).

During the General Assembly, the association's 2018 activity report, financial situation and 2019 activity plan were presented and members approved the 2019 and 2020 budgets and membership fees. The minutes of the General Assembly are available in the [members-only section of the website](#).

Awareness of CCU and visibility of CVE.

- Stefanie Kesting and Damien Dallemagne attended the 11th CO₂ Utilisation conference in Manchester on 26-27 Sept. The day before the conference, participants had the possibility to visit the facilities of Econic, one of CVE members. Stefanie introduced CO₂ Value and our association's ambition in the keynote speech and Damien was the chair-person of the whole conference.
- Stefanie Kesting spoke at an event organized by the biotech cluster CLIB2021 on 12 November. Several stakeholders who develop CO₂ conversion technologies relying on biological processes showed strong interest in our activities.
- Damien Dallemagne presented the potential of CCU to 200 staff members of the BNPP bank on 28 November, and to 200 technology experts and policy makers at the Global Sustainable Technology & Innovation Conference (G-STIC) in Brussels on 29 November.

News

One of our key partners in the US, the [Global CO₂ Initiative](#), has recently been integrated within the University of Michigan.

CVE obtains an EC grant to support the work of IMPACTS9

Together with the Carbon Capture & Storage Association (CCSA), SINTEF and the British Geological Survey, CVE has successfully applied for an EC grant to develop coordination actions at European level that can support the development of CCUS solutions in Europe. The overarching objective of the project, called IMPACT9 (Implementation Plan for Actions on CCUS Technologies in the SET Plan, Working Group 9), is to support the realisation of the SET Plan Implementation Plan on CCS and CCU. CVE will coordinate all actions related to CCU, a great opportunity to work directly with the Commission and all the Member States who have a direct interest in CCU and to build synergies with the CCS community with whom we share some common challenges.

Publication of 2 new brochures

CVE recently published two new brochures on CCU in general and on CO₂ mineralization: "[A Condensed Guide to Carbon Capture and Utilisation \(CCU\)](#)" and "[CO₂ Mineralisation, A Way to Transform CO₂ Emissions into Useful Construction Materials](#)". Do not hesitate to make ample use of these very useful tools to increase awareness of CCU towards non-specialist audiences.

Advocacy on RED II directive

- Our Working Group 2 has been very active during the Trialogue phase of the revision of the Renewable Energy Directive (RED II). Together with our partners at Hydrogen Europe, we have been successful in getting e-fuels included in the scope of the support mechanism with relatively open conditions regarding the sources of CO₂ and electricity that can be used.
- The next priorities for WG2 are now to monitor and shape the delegated acts on RED II, as well as the implementation of RED II in national regulations. We will also be actively involved in the Trialogue over the CO₂ Emissions Directive which is relevant for the use of e-fuels in the automotive sector.

Gaining legitimacy on the EU scene

CVE is now recognized as the official representative of the CCU community for the SET Plan, where actions are coordinated between the EC, Member States, industry and the research community. CVE leads the work on CO₂ Utilisation within Working Group 9 on CCUS.

CCU and E-fuels recognized as important climate change mitigation tools for a climate-neutral economy

On 28 November 2018, the European Commission released its awaited [2050 Roadmap](#) laying out a path forward to meet the objectives of the [Paris Agreement](#). The decarbonization potential of e-fuels is mentioned in various parts of the document, namely with regards to mobility and industrial processes. This is a great recognition for the CO₂ Value community, clearly showing the successful impact of the association's work over the past year. By 2020, this vision will have to be translated into concrete and ambitious measures to be adopted by EU Member States. CVE staff and members will build on this achievement for future advocacy efforts.

Developing partnerships

- **Joint Survey of CCU perception**

On 24 September 2018, CO₂ Value Europe and 3 NGOs, [NRG COSIA Carbon XPRIZE](#), [Circular Carbon Network](#) and [Carbon180](#), published the results of a survey on the perception of CCU, bringing useful insights to communicate efficiently about CCU. The main conclusions of the study are the need to clarify the terminology and messaging; to emphasize synergies between the development of renewable energies and CO₂ transformation; to better communication on the climate impact and economic potential of CCU; and to connect with the CCU Communities in Asia. The presentation of the survey is available in the [library](#) of our website.

- **Guidelines on LCA for CCU**

CO₂ Value Europe co-sponsored a project initiated by the Global CO₂ Initiative that lead to the publication of [LCA guidelines](#) for CCU. The next steps will be to work with the European Commission to transform the recommendations from the study into concrete guidelines that can be connected to EU policy instruments.



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