

JOINT PROJECT

Carbon2Chem®

KEEPING CARBON
IN THE LOOP



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subproject "Coordination and
Communication".*

L-KK | COORDINATION AND COMMUNICATION

PROJECT COORDINATION, CONFERENCES, WORKSHOPS, FRAMEWORK CONDITIONS

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Background

Within the Carbon2Chem® project, technologies are being developed to reduce CO₂ emissions at large industrial sites by using the emissions as a new source of raw materials for the chemical industry.

The focus lies on forming cross-industrial value creation chains and increasing energy efficiency by establishing cross-industrial networks.

This will be shown using the steel production location Duisburg/NRW as an example.

Aims

The aims of the subproject L-KK are the provision of needs-appropriate support for the overall project coordination, ensuring an exchange of information between the subprojects, communication of the results of the overall project externally, and a discussion of the necessary framework conditions.

In addition, work is being conducted on concepts that enable necessary skills to be acquired in training with the support of suitable learning modules.

The presentation and discussion of the project results outside the consortium should be particularly reinforced with a communication concept and various measures.



1 Carbon2Chem® laboratory, Oberhausen.

Tasks

As part of the overall project coordination, the project coordinators support the sub-project in terms of coordination with the project consortium. This includes, among other things, preparing meetings concerning several subprojects as maintaining the information transfer in the consortium.

Overall, the implementation of the project results requires broad support that should be acquired with a suitable communication strategy. The necessary communication concept is developed and implemented for this.

The “Conference on Chemical Conversion in Industry” series launched in the first project phase is continued by the subproject. Alongside the conferences designed for a wide audience, technical workshops on selected themes are planned with business, science and politics. The partnership with other R&D projects should also be intensified.

Milestones

Project duration 2020 to 2024

- Conferences 2020 to 2024
- Participation AICHEMA 2022
- Communication concept
- Technical workshops 2021 to 2024
- Draft and discussion of regulatory framework conditions
- Further education modules

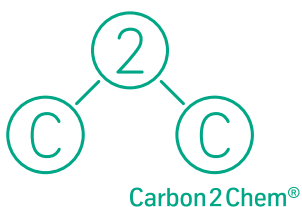
Project duration

The green light for the Carbon2Chem® project was given on March 15, 2016. In the current project phase (start: June 1, 2020, duration: 4 years), the focus lies on demonstrating the robustness of the previously developed concepts to purify metallurgical gases, to synthesize various chemicals and, in particular, for system integration.

With the completion of the second phase, an industrial implementation and basic engineering/PDP of the system networks should be technically feasible.

Further project partners in L-KK

- Max Planck Institute for Chemical Energy Conversion (MPI CEC)
- thyssenkrupp AG (associated partner)



Further information

www.umsicht.fraunhofer.de/carbon-cycle

#Carbon2Chem

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