© Fraunhofer UMSICHT/Mike Henning

L-KK | Coordination and Communication

Project coordination, conferences, workshops, framework conditions

Background

Within the Carbon2Chem® joint project, technologies are being developed to reduce CO_2 emissions at large industrial sites by using gases with CO and CO_2 as a source of raw materials for the chemical industry.

The focus lies on forming cross-industrial value cycles and increasing energy efficiency by establishing cross-industrial networks for a climate-neutral production.

This will be shown using the steel production location Duisburg in North Rhine-Westphalia as an example.

Objective

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 sub-projects, 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.

> "A timely implementation of the project results requires the right framework conditions and broad cooperation."
>
> Dr.-Ing. Torsten Müller
> Head of the Carbon2Chem®-subproject "Coordination and Communication"

Carbon2Chem®

Tasks

As part of the overall project coordination, the project coordinators support the subproject 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

- Conferences 2020 to 2024
- Participation ACHEMA 2022
- Communication concept
- Technical workshops 2021 to 2024
- Draft and discussion of regulatory framework conditions
- Further education modules
- CIT Special issues 2018, 2020 and 2022

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 information

Other project partners in L-KK

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

Project website
www.umsicht.fraunhofer.de/carbon-cycle

#Carbon2Chem

SPONSORED BY THE
Federal Ministry of Education and Research

Contact

Dr.-Ing. Torsten Müller
Group Manager
Modelling and Simulation/
Head of the Carbon2Chem®-subproject "Coordination and Communication"
Phone +49 208 8598-1284
torsten.mueller@umsicht.fraunhofer.de

Fraunhofer Institute for Environmental, Safety and Energy Technology UMSICHT
Osterfelder Strasse 3 | 46047 Oberhausen | Germany
www.umsicht.fraunhofer.de