



Federal Ministry  
of Education  
and Research



# PHOENIX –

A European integrated approach to CO<sub>2</sub> valorisation

**Dr. Stefanie Roth on behalf of RD Dr. Helmut Löwe**  
Division 724, Resources and Sustainability  
German Federal Ministry of Education and Research (BMBF)

European Industry Stakeholder Workshop, Frankfurt/Main, 22 March 2018

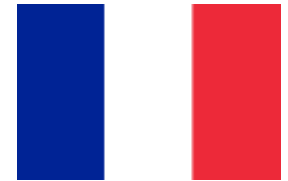
# The PHOENIX Initiative

**founded:** June 2017

**Partner:** Core group from France, Germany,  
The Netherlands, in close collaboration with Cefic

## Objectives:

- European integrated approach to ensure that CO<sub>2</sub> valorisation technology developments can be transformed into real benefits for Europe
- Support fast implementation of promising CO<sub>2</sub> valorisation technologies on European level
- Optimise public and private partnership by involving and connecting **all** relevant stakeholders





# Objectives

**Improve Investor confidence:**  
supportive  
regulatory/political  
framework

**Prioritise in companies:**  
High position on internal  
investment ranking lists

**Close funding gaps:**  
Public and private  
funding of projects >  
TRL6  
(state aid and IPCEI)

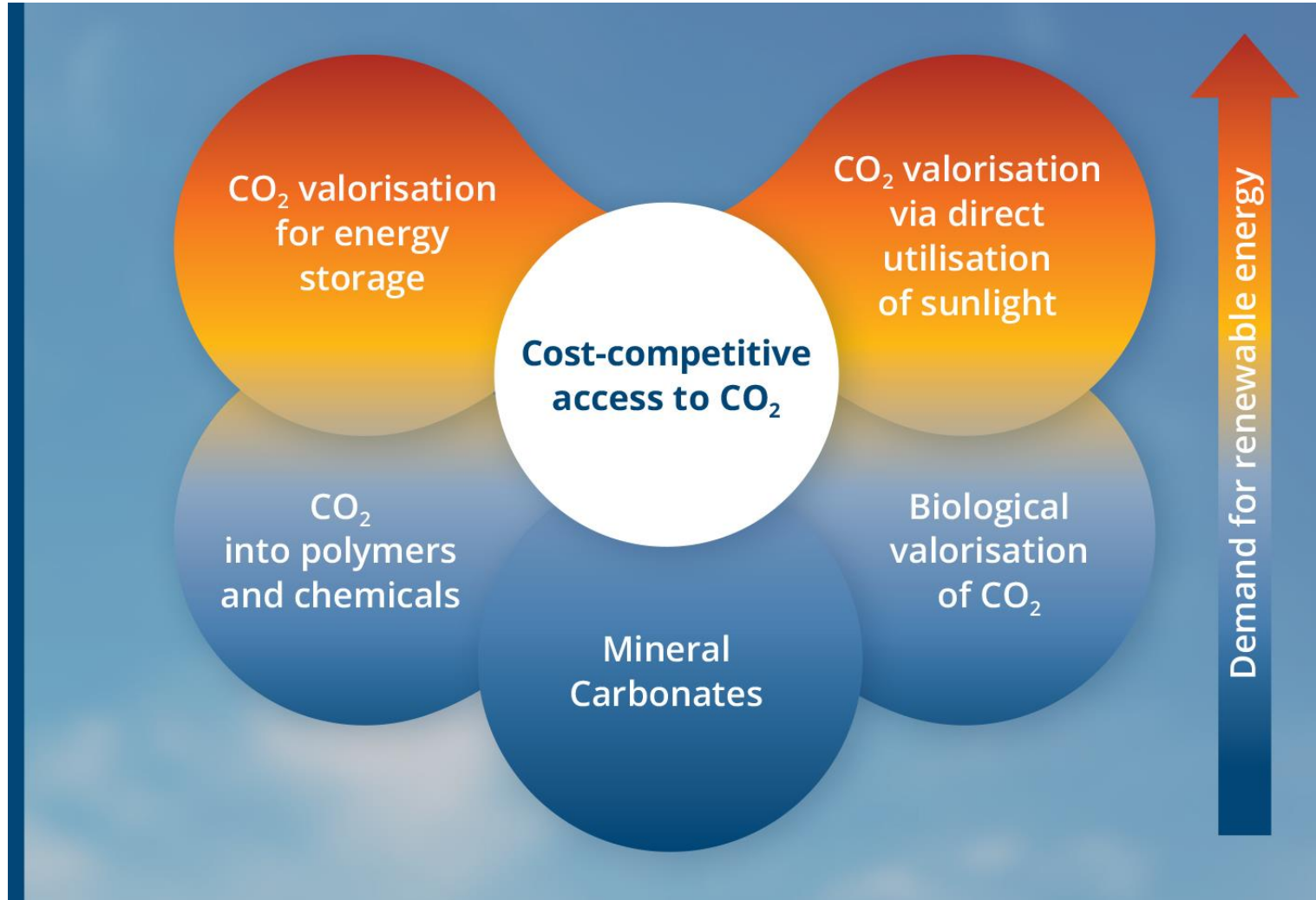


**Improve Synergies:**  
Coordination of RD&I  
funding activities on MS  
and EC level

**Tackle cross-cutting  
challenges:**  
e.g. Infrastructure



# Technology Fields



# Timeline

## Phase 1, Exploration

- National declarations of intent
- Selecting instruments for formal collaboration
- **Interaction with stakeholders**

**Now!**

## Phase 2, Preparation

- Definition of formal collaboration (e.g. IPCEI proposal)
- Interaction with stakeholders
- Preparation of the implementation in national schemes

## Phase 3, Implementation

- Implementation of PHOENIX in national schemes
- Enhanced CO<sub>2</sub> valorisation through PHOENIX

## Public Launch: EU Industry Day, 22 February 2018, Brussels



## Activities and Next Steps:

- Public information (contacts, technologies, policy brief, etc.)
  - <http://www.phoenix-co2-valorisation.eu/>
- Welcome interested Member States to join the initiative
- **Work together to achieve a fast implementation of related technologies (e.g. via an IPCEI)**

# This Workshop

- Identify the **needs** from a European industrial viewpoint to ensure market implementation
- Identify the **best instrument/method** (e.g. an IPCEI)
- **Feedback** on the PHOENIX-Initiative
- Opportunity to **network** and exchange knowledge and views
- Identify **pitfalls and hurdles**