

Innovation Hub
Partner Network
Market Developer

ENCO₂RE^I=

EnCO₂re 2016 Call for Proposals

Deadline for Expression of Interest: 27 May | Full proposal: 1 July



Climate-KIC is supported by the
EIT, a body of the European Union

**The idea: Closing the carbon loop.
We need your help.**

CO₂

EnCO₂re is a coordinated open innovation programme to enable CO₂ re-use

Vision:

- A world efficiently re-using CO₂ as a feedstock, not just a waste to manage
- CO₂-based products that close carbon cycles, reduce fossil-resource use, and contribute to climate-change mitigation
- European leadership in technical know-how and value-chain integration

Climate-KIC, the EU's main climate innovation initiative

- Primary sponsor
- Responsible for: programme framework, processes, controlling, communications, policy
- Membership of all partners is required

Management

Joint partner and project management

High-tech polymer company Covestro

- Co-sponsor, industrial lead partner
- Focusing on ideation and technical evaluation, technology development, and market linkages

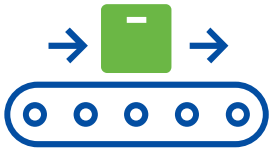
Current Partners – and you!

- 11 institutions from 7 European countries
- Implementing research and innovation projects with strategic fit to the programme's direction
 - Contributing to shaping the programme

Content

Began in 2014, public launch in 2016. For more information: <http://enCO2re.climate-kic.org>

Our current project portfolio



CO₂ value chains

- ✓ Value chains for CO₂ re-use
- ✓ Geographic case studies



CO₂-based intermediates & polymers

- ✓ Ring opening polymerization
- ✓ CroCO₂PETs
- ✓ Catalysts for CO₂-polymerization
- ✓ Electrochemical conversion



Sustainability analysis for CO₂ re-use

- ✓ Life cycle assessment
- ✓ Public perception and technology acceptance
- ✓ Rapid prototyping
- ✓ LCA study on CO₂-based C1 building blocks



Business & market development for CO₂ re-use

- ✓ Commercialization and incubation
- ✓ Policy analysis

Additional project categories will be considered as the programme grows

Why join enCO₂re?



Network

Foster relationships with other CO₂ re-use pioneers



Visibility

Be part of a European success story



Holistic view

Not just R&D but all relevant dimensions of CO₂ re-use covered



Participate

Actively shape the programme



Project support

Get a robust framework and financial support for your projects



Matchmaking

Find the right partners for your projects



Knowledge

Stay current with the latest developments in the CO₂ re-use landscape



Confidentiality

Have dialogue and do projects in a safe forum

EnCO₂re requests proposals to broaden scope of innovation and market connections

2016 Call for Proposals

EnCO₂re will add new workstreams in the second half of 2016. We are looking for:

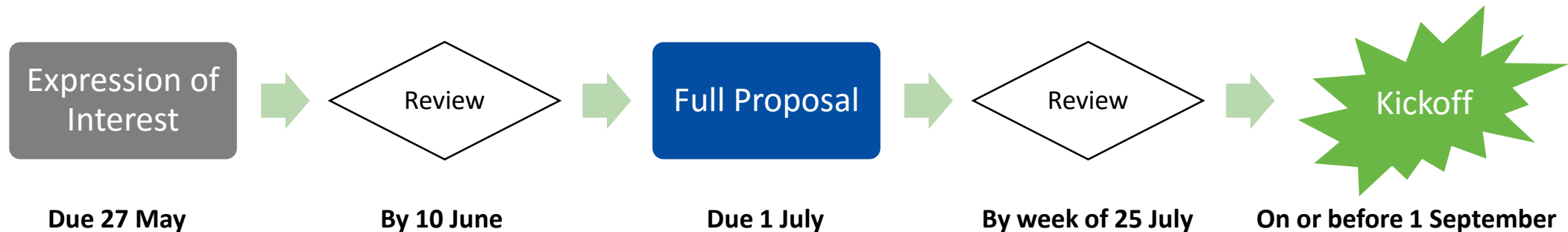
1. Projects related to any element of the CO₂ value chain, from capture to conversion, and logistics
 2. Organizations that bring industrial and/or start-up perspectives with pathways to commercialization
 3. Technologies and demonstrations for CO₂-based products, especially intermediates and polymers
 4. Business-model innovations that support the development of a CO₂ re-use value chain
 5. Other innovations, including incentives, that advance progress toward large-scale re-use.
- Projects should demonstrate progress toward the programme goals, with preliminary results by the end of 2016. They should also make a concrete contribution to the body of knowledge on CO₂ re-use.
 - Academic partners are welcome to apply, but all projects funded by this call must have a clear connection to commercial viability.

Funding is driven by transparent selection criteria

- Projects will be evaluated according to the following selection criteria:
 - EnCO₂re fit (and complement to existing projects)
 - Potential toward long-run CO₂ reduction
 - Value for money40%
 - Innovation, feasibility, and commercial potential 40%
 - Dissemination, fundraising, and co-funding capacity
 - Team qualification and capability
 - Overall quality of presentation
- 20%
- The programme expects that annual budgets of up to 100k€ plus co-funding are sufficient for this call. This does not preclude other budget requests.
- Projects with ability to co-fund – via cash or in-kind contributions – at least 25% of total costs will be given positive consideration.

The call is structured in a two-phase approach

- Interested parties should submit an **Expression of Interest** using the accompanying template **by 27 May** to Ted Grozier at ted.grozier@climate-kic.org.
- Evaluation will begin immediately and conclude on or before 10 June. Those that pass the initial review will be invited to submit a **full proposal via a standardized template by 1 July**. All Expressions of Interest will receive a written response.
- Funding decisions will be made during the week of July 25th. For project planning, a **start date of 1 September (or earlier)** is appropriate.



- Please direct questions to Ted Grozier at +49 30 700 94 28 25 or ted.grozier@climate-kic.org.

Be a part of enCO₂re!

Do you have projects that can deepen or broaden our capabilities?

Are you interested in connecting with other players in this field?

Do you plan to start an engagement in CO₂ re-use?

Do you want to have discussions on an expert level with peers?

Get in touch with us.

<http://enCO2re.climate-kic.org>