Innovation Hub
Partner Network
Market Developer

EnCO$_2$re

EnCO$_2$re 2016 Call for Proposals

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

Climate-KIC

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

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

$EnCO_2re$ is a coordinated open innovation programme to enable CO_2 re-use

Vision:

- A world efficiently re-using CO_2 as a feedstock, not just a waste to manage
- CO_2-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

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

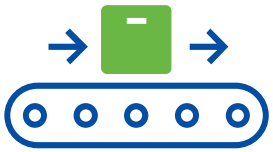
- Implementing research and innovation projects with strategic fit to the programme's direction
- Contributing to shaping the programme

Management
Joint partner and project management

Content

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

Our current project portfolio



CO_2 value chains

- ✓ Value chains for CO_2 re-use
- ✓ Geographic case studies

CO_2-based intermediates & polymers

- ✓ Ring opening polymerization
- ✓ CroCO_2PETs
- ✓ Catalysts for CO_2-polymerization
- ✓ Electrochemical conversion

Sustainability analysis for CO_2 re-use

- ✓ Life cycle assessment
- ✓ Public perception and technology acceptance
- ✓ Rapid prototyping
- ✓ LCA study on CO_2-based C1 building blocks

Business & market development for CO_2 re-use

- ✓ Commercialization and incubation
- ✓ Policy analysis

Additional project categories will be considered as the programme grows

Why join enCO$_2$re?

ENCO$_2$RE

Network

Foster relationships with other CO_2 re-use pioneers

Visibility

Be part of a European success story

Holistic view

Not just R&D but all relevant dimensions of CO_2 re-use covered

Participate

Actively shape the programme

Project support

Get a robust framework and financial support for your projects

Matchmaking

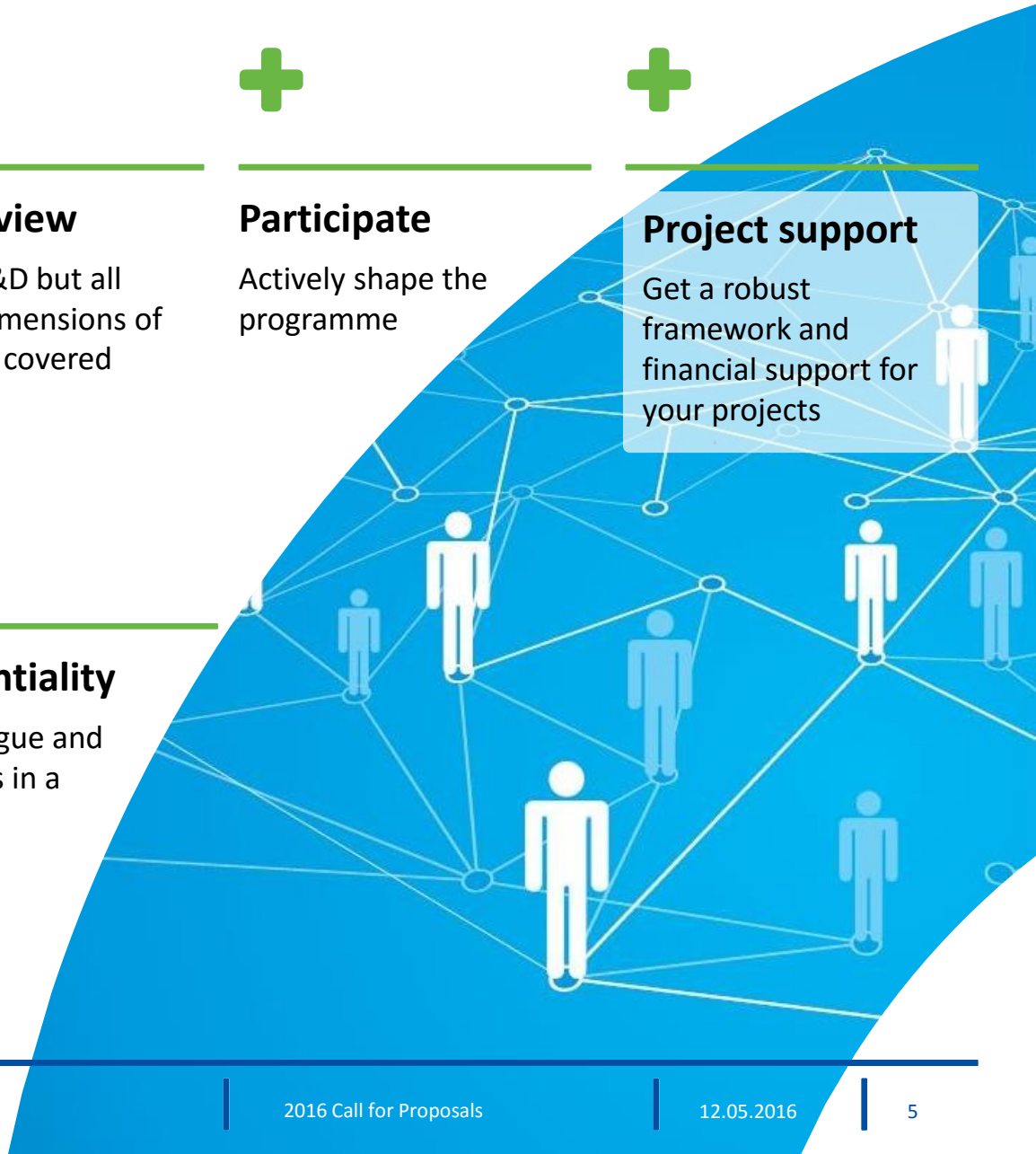
Find the right partners for your projects

Knowledge

Stay current with the latest developments in the CO_2 re-use landscape

Confidentiality

Have dialogue and do projects in a safe forum



$EnCO_2re$ requests proposals to broaden scope of innovation and market connections

2016 Call for Proposals

$EnCO_2re$ will add new workstreams in the second half of 2016. We are looking for:

1. Projects related to any element of the CO_2 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 CO_2-based products, especially intermediates and polymers
4. Business-model innovations that support the development of a CO_2 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 CO_2 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:
  - EnCO$_2$re fit (and complement to existing projects)
  - Potential toward long-run CO$_2$ reduction
  - Value for money

  40%

  - 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.

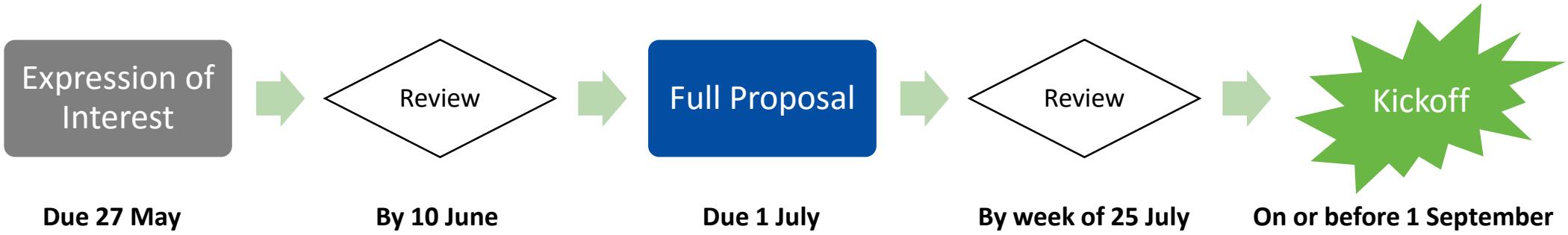
- Projects with ability to co-fund – via cash or in-kind contributions – at least 25% of total costs will be given positive consideration, although co-funding is not a requirement.

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 enCO$_2$re!

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 CO_2 re-use?

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

Get in touch with us.
http://enCO2re.climate-kic.org