

Assessment criteria

INNO-CCUS pool 4

Applications submitted in response to the INNO-CCUS call for projects “*Achieving Climate Goals through targeted CCUS Innovation*” (pool 4) are assessed based on the following four main criteria:

- 1: Quality of the idea
- 2: Impact
- 3: Quality of execution
- 4: Strategic fit to the Innomission partnership

Criteria 1-3 are evaluated by international peers. Criterion 4 is evaluated by the INNO-CCUS Board of Directors.

All four criteria contribute to the overall assessment of the individual application.

It is important to align the application with the scope of the call as explained in the call text.

When an application is assessed based on the four main criteria, special attention is paid to whether the application properly addresses the following aspects:

1: Quality of the idea (Quality of research and innovation)

Assessed on the basis of:

- a) That the goals and objectives of the project are clear and that they are specific, measurable, achievable, realistic and time-bound.
- b) That it is clear that the idea is innovative and goes beyond state-of-the-art in academic and industrial fields at an international level.
- c) That the competitive situation of the idea is made clear – both with regard to the academic and industrial elements. The disruptive potential of the idea must be clearly stated.

2: Impact (Value creation during and after the project period)

Assessed on the basis of:

- a) That it is clear which unmet need/societal problem the project addresses in a national and international perspective.
- b) That it is plausible that the project generates societal and/or economic impact for Denmark through economic growth and/or by solving societal challenges.
- c) That the path towards implementation and impact – after the project period has ended - is clearly explained.
- d) That any implementation, business or sales model is adequately described, including a plan for scalability, when relevant.

- e) That the project's contribution to reducing greenhouse gas emissions is adequately justified and – as far as possible – realistically quantified.
- f) That intellectual property rights are adequately described, if relevant.
- g) That the project's Technology Readiness Levels (TRLs), when applicable, have been adequately explained, including an explanation of how and why the project progresses on the TRL-scale. (Applies to project proposals concerning technological development and innovation).
- h) That the project's Society Readiness Levels (SRLs) have been adequately explained, when relevant, including an explanation of how/why the project progresses on the SRL-scale.
- i) That it is clear which strategic relevance the project has for the project participants.
- j) That international market possibilities, if relevant, are clearly described.

3: Quality of execution

Assessed on the basis of:

- a) That a clear and sufficiently detailed operational plan has been prepared, which includes the methods applied within the project and lists the project's work packages and their content, deliveries, milestones and participant contribution.
- b) That the project's relevant critical paths as well as the dependencies of the work packages are adequately described.
- c) That the proposal is efficient, i.e. that the expected achievements are commensurate with the requested resources.
- d) That the project is realistically budgeted and realistic in relation to the set activities.
- e) That the composition of project participants has the relevant competencies and experience to carry out the project work tasks, and that organization, governance and leadership will be handled in a competent and reassuring manner.
- f) That relevant end users or core stakeholders are involved or engaged in the project.
- g) That relevant and specific risks have been identified and adequate mitigation plans are in place.
- h) That relevant legal, ethical and regulatory aspects have been adequately described in relation to the project's implementation.
- i) That the proposal is effective, i.e. that there is reasonable confidence that the set objectives will be met.
- j) That relevant and appropriate consideration has been given to necessary actions to take after the project period has ended for the project results to have impact.

4: Strategic fit to the INNO-CCUS partnership and the Danish CCUS Roadmap

Assessed on the basis of:

- a) That the project aligns with the overall [purpose](#) of the INNO-CCUS partnership
- b) That the project addresses prioritized development needs in the [Danish CCUS Roadmap 2024](#) which are listed as subthemes in the pool 4 call text
- c) That the project will contribute to or pave the way towards realizing the Danish climate targets through CCUS
- d) That it is clear if or how the project relates to other national CCUS project activities. A comprehensive but not exhaustive overview of current research and innovation projects is available [here](#).
- e) That societal and system analysis perspectives have been addressed in a systematic and appropriate way, where relevant.
- f) If relevant, the extent to which the project contributes to capacity building within the Danish CCUS field, including strengthening the innovation and entrepreneurship competencies in existing as well as future SMEs and start-ups.
- g) That project proposals addressing challenges relating to advancing CO₂ capture technologies (priority area 2.1 of the call text) clearly demonstrate their contribution towards cost efficiency and scalability of capture technologies or their integration with the broader CCUS system
- h) That project proposals addressing the challenges of achieving negative emissions through advanced technologies or nature-based solutions (priority area 2.2 of the call text) clearly demonstrate their contribution towards securing cost-effective negative emission solutions for the future
- i) That project proposals addressing the challenges of CO₂ storage solutions (priority area 2.3 of the call text) clearly demonstrate their contribution towards optimizing and scaling geological storage and towards establishing a fully integrated CO₂ transport and storage infrastructure
- j) That project proposals addressing the challenges of expanding CO₂ utilisation for non-fuel applications (priority area 2.4 of the call text) clearly demonstrate their contribution towards achieving commercial viability, advancement or scaling of CO₂-derived products
- k) That project proposals addressing the societal and systemic integration of CCUS (priority area 2.5 of the call text) clearly demonstrate their contribution towards societal integration or acceptance, market development or systemic integration of CCUS