

Call Grand Solutions 2022

Realization of the four green missions

Application deadline: August 16, 2022, 12.00 PM, CET

Project duration: 1-5 years

Total budget: Minimum 187.3 mill. DKK.¹

Investment per project: from 5 mill. DKK to 40 mill. DKK.

1. About the Grand Solutions Programme

The Grand Solutions programme invests in ambitious, and preferably, interdisciplinary research and innovation projects that can create new, specific solutions to important, politically prioritized societal challenges and create value throughout Denmark. To the extent possible, the Grand Solutions programme invests in projects that are carried out in close collaboration between research institutions and the business community.

Innovation Fund Denmark distributes the available funds in open competition between projects that demonstrate the greatest positive effect on climate, nature and environment while at the same time contributing to growth and employment in Denmark.

Read more about the Grand Solutions programme [here](#).

2. Aim of the call

Innovation Fund Denmark's investment within *Realization of the four green missions* shall contribute to creating knowledge and technology that can ensure the course of the green transition towards a more sustainable society. This in order for Denmark to achieve the government's goals of 70 percent reduction of greenhouse gas emission by 2030 and CO₂ neutrality by 2050, while at the same time achieving the goals for nature, environment and biodiversity.

Denmark must be frontrunner in green research and innovation, which contribute to maintain and create green jobs. To the extent possible, the research must be carried out in close collaboration between research institutions and the business community.

For the four green missions, launched with the 'Agreement on the distribution of the research reserve etc. in 2021', additional funds are available for strategic and challenge-driven research in 2022. A part of these additional funds will be invested through the Grand Solutions program. The areas for the four green missions are as follows:

- 1) Capture and storage or use of CO₂ (see [roadmap1](#) and [roadmap2](#))
- 2) Green fuels for transport and industry (Power-to-X mv., see [roadmap1](#) and [roadmap2](#))
- 3) Climate- and environment-friendly agriculture and food production (see [roadmap 3](#))
- 4) Circular economy with focus on plastics and textiles (see [roadmap 4](#))

¹ With the possibility of transferring funds from Innovation Fund Denmark's other programmes. The potential transfer of funds can concretely result in an increased budget.

The themes within the green missions focus on areas where it is most important to develop new technology and solutions in order to meet Denmark's climate goals, and strengthen nature and environment, and where Denmark, due to the position of strength within research and business, has good prerequisites to develop new technologies and solutions and create new industries, export opportunities and green jobs in Denmark.

The funds can be applied for by participants in the green mission-driven partnerships and other relevant operators. It will be beneficial if the project is linked closely to the *roadmaps*, which the green mission-driven partnerships are based on. If the project is not closely linked to one of the roadmaps mentioned above, then the application must clearly describe its relevance to one or more of the four green missions.

Innovation Fund Denmark encourages the project to contribute to at least one of the four green missions, and recommends the applicant to include a plan for coordination with the relevant green mission-driven partnership(s) in the description of the project.

3. Evaluation

The three overall decision criteria are:

- Quality of the idea – the quality of the research and innovation
- Impact – value creation during and after the project
- Quality of execution – efficiency in the project execution and the implementation of the results

Further information about the decision criteria can be found in the guidelines for this Grand Solutions call (see link in section 5: "Guidelines and inspiration").

It is emphasized that key stakeholders of the project contributes to develop the project and participates in, or in other ways are directly involved in, the project, e.g. through investment.

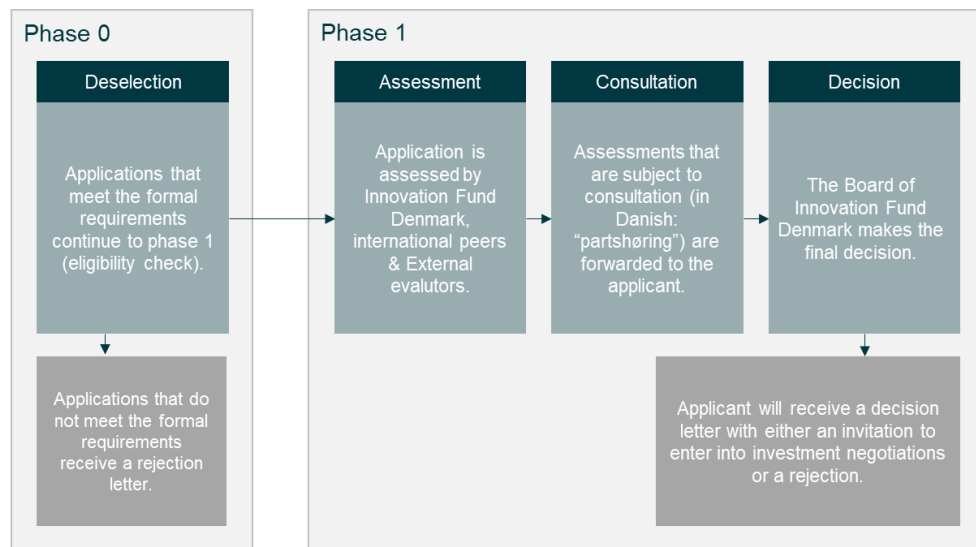
Also, particular importance should be paid to describing the projects quantified contribution (as far as possible) to the reduction of CO₂ equivalents / greenhouse gas emission - both in Denmark and globally. Additional value creation in the project should not only be understood as monetary value, but may also encompass e.g. improved quality of life, nature conservation / recovery, increased biodiversity, cleaner environment etc. It is the applicant's responsibility to explain and account for the different types of value creation.

In addition to the three decision criteria, reference is made to the guidelines for this Grand Solutions call. The distribution of the funds originates from the current Finance Act and the agreement on the disposition of the Research Reserve (see links under section 5: "Guidelines and inspiration").

4. The evaluation process

Applications to Grand Solutions must be submitted via www.e-grant.dk, which is the application portal of Innovation Fund Denmark. The call open in e-grant May 12, 20221. Please note, that applicants will receive a receipt for submitting the application.

The slightly modified evaluation process is described in detail in the guidelines for this Grand Solutions call and briefly outlined below.



Applicants are notified of the decision via www.e-grant.dk. E-grant has prepared a FAQ that can be accessed [here](#).

It is expected that the project applications will receive either invitation for investment negotiations or rejection of application in January 2023, after which the investment negotiations can be initiated with an expected project start in Q2 2023.

5. Guidelines and inspiration

Applicants within this Grand Solutions call must take into account the following:

- [Guidelines for the Grand Solutions call: "Realization of the four green missions"](#)
- [The Danish government's green research strategy \(in Danish\)](#)
- [The green solutions of the future \(in Danish\)](#)

The following can be used as inspiration to the application within the present Grand Solutions call:

- Finance Act 2022
- [Disposition of the Research Reserve 2022](#)
- [UN's 17 Sustainable Development Goals \(SDG\)](#)
- [UN's SDG goal 13: Climate action](#)
- [The 13 climate partnerships \(in Danish\)](#)
- [Link to local "local business powerhouses" \(In Danish: "erhvervsfyrtårne"\) \(In Danish\)](#)
- [The green project bank \(in Danish\)](#)

6. Contact

Innovation Fund Denmark hosts webinars on Grand Solutions where everyone is welcome to participate. Registration for upcoming webinars takes place via Innovation Fund Denmark's website [here](#) (scroll down to see upcoming events).

Frequently asked questions to Grand Solutions and related answers can be found on Innovation Fund Denmark's website [here](#).

6.1. Contact Information

For questions regarding formalities, Innovation Fund Denmark's Investment Officers may be contacted. In connection to this, please note that Investment Officers or other employees of the Innovation Fund Denmark are not allowed to answer specific questions regarding projects or ideas.

The following Investment Officers may be contacted regarding questions to this Grand Solutions call:

Connie Benfeldt (responsible for this Grand Solutions call)

Telephone number: 6190 5061

E-mail: connie.benfeldt@innofond.dk

Martin Søndergaard

Telephone number: 6190 5065

E-mail: martin.sondergaard@innofond.dk

Bo Frølund

Telephone number: 6190 5043

E-mail: bo.froelund@innofond.dk

Jakob Dahl Wedel

Telephone number: 6190 5031

E-mail: jakob.wedel@innofond.dk

7. About Innovation Fund Denmark

Innovation Fund Denmark accelerates Danish research and innovation to solutions that strengthen Danish society's competitiveness and sustainability. We do this by investing in researchers, companies and entrepreneurs who create value, jobs and solve societal challenges - and by realizing potentials in the innovation system.

Innovation Fund Denmark wants to promote diversity in all its aspects. Therefore, all interested applicants, regardless of ethnicity, religion, gender identity, disability status, age or professional areas, etc., are encouraged to apply for the fund's programs.