

Call Grand Solutions 2025

Biotechnology and biosolutions

Application deadline, phase 1: 19th March 2025 12:00 CET

Project duration: 1-5 years

Total budget for the call: Minimum 52.5 MDKK¹

Innovation Fund Denmark investment per project: From 5 MDKK to 25 MDKK

Maximum Innovation Fund Denmark investment rate: 75.0% of the total project budget

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 carried out in close collaboration between research institutions and the business community or public customers of solutions, for instance municipalities and regions. Innovation Fund Denmark encourages cross-disciplinary projects in all parts of the value chain – from foundational research (in Danish: grundlagsskabende forskning) to industrial research and experimental development.

The Grand Solutions programme application model consists of two phases. Phase 1 is a request for a letter of interest and open to all interested applicants, whereas phase 2 is a request for a full application and only open by invitation.

Applicants for phase 1 will be invited to phase 2 if two conditions are met:

- a) Innovation Fund Denmark evaluates their letter of interest from phase 1 as an interesting and relevant proposal that fulfils the evaluation criteria.
- b) The number of invited applications will result in an approximate success rate of 30-50% within phase 2.

Innovation Fund Denmark distributes the available funds in open competition between projects that demonstrate the greatest positive effect while at the same time contribute to growth and employment in Denmark.

The distribution of the funds for this call originates from the current Finance Act and the agreement on the disposition of the Research Reserve (see links under section 5: Guidelines and inspiration).

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

¹ The Innovation Fund Denmark may at its discretion decide to increase the overall budget for this call, particularly in case of excess funds when faced with a substantial list of qualified applications in this call that cannot be funded within the original budget.

2. Aim of the call

Biotechnology is one of the areas that the European Commission considers particularly critical to Europe's long-term security and competitiveness, and where it is therefore important to strengthen strategic autonomy.

The Innovation Fund is seeking projects in biotechnology and biosolutions with the aim of strengthening research and technological development that can contribute to the development of sustainable production and new solutions through the understanding, manipulation and use of living organisms. The efforts should be related to agriculture, food, environment, transportation, materials, process industry, climate, or health.

Projects within biotechnology and biosolutions can, among other things, support research, technology development and scaling up:

- Bio-based ingredients and fermentation technology, including precision fermentation
- Cell culturing for high value products, including alternative proteins
- Processing, biorefining and conversion of side streams into valuable products and/or feed
- Industrial enzymes or biochemicals
- Methods for screening and analyzing large amounts of data to identify new biosolutions
- Plant breeding towards climate resilient crops with low climate- and environmental impact and potential new applications in food
- New crop seed treatment methods
- Bioenergy and bio-based environmental technologies
- Biotechnologically produced materials e.g. for use in textiles or construction
- Biostimulants and microbiological crop control agents that can help reduce agriculture's use and dependence on chemical pesticides and inorganic fertilizers
- Biotechnological solutions to reduce CO₂ emissions from manufacturing processes and end products
- Molecules and processes for new drugs, antibodies, vaccines and therapies - including personalized medicine.

Please note that applicants with projects with a strong focus on research and technology development within energy production and beyond, energy efficiency, agriculture and food production, transportation, environment and circular economy, nature and biodiversity, sustainable behavior and societal impact should also read the Grand Solutions call for Green research, technology development and innovation.

In addition, applicants with projects with a strong focus on research and technology development in life science, health and well-being technology should also read the Grand Solutions call for Life science, health and welfare technology.

Projects that focus on topics within the Innomission strategic roadmap can also consider the Innomission Partnerships call. Find out more on the four Innomissions websites.

Applicants focusing primarily on projects targeting development and demonstration within the themes in this call may also consider the EUDP, GUDP or MUDP or the Danish Business Authority programs. Please see the publication "Funding landscape - energy, environment and green development".

3. Decision criteria

The three overall decision criteria are:

- Quality of 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 results

Further information about the decision criteria can be found in the Guidelines for Grand Solutions Phase 1 and Guidelines for Grand Solutions Phase 2. Please note that the evaluation criteria differ in the two phases (see link in section 5: Guidelines and inspiration).

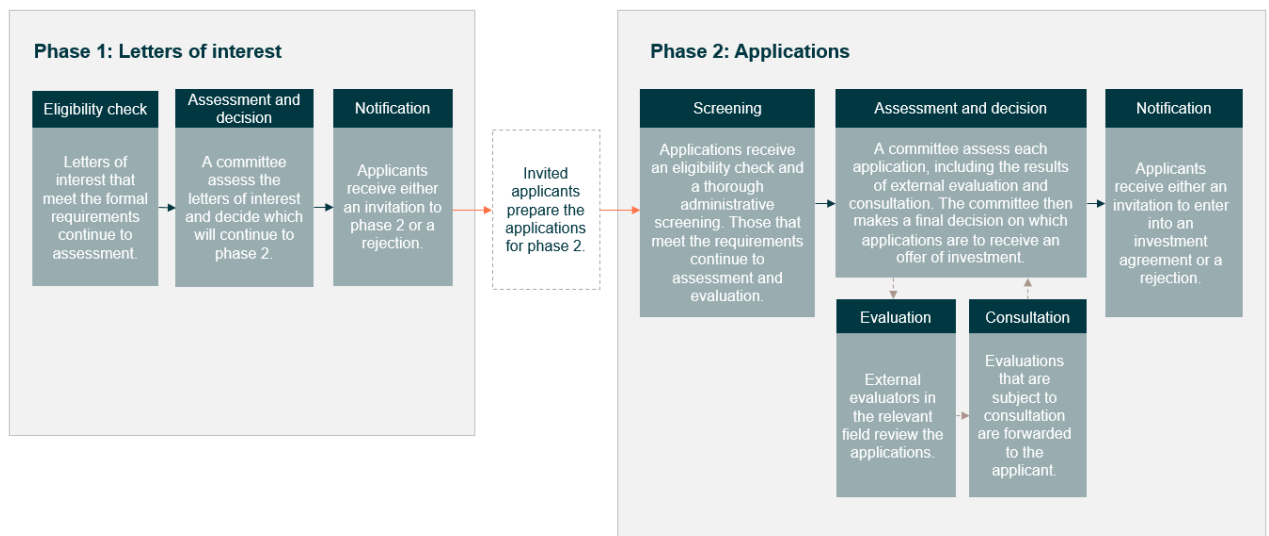
4. Evaluation process

Applications under this call will be assessed by members of the Committee for Green research, technology development and innovation as well as the Committee for Life Science, health and welfare technology.

Phase 1: Letters of interest to Grand Solutions must be submitted via www.e-grant.dk, which is the application portal of Innovation Fund Denmark. The call opens in e-grant in mid-January 2025.

Phase 2: Invited applicants for phase 2 must submit an application via www.e-grant.dk. The call opens in e-grant on 23rd May 2025.

The evaluation process is described in detail in the Guidelines for Grand Solution Phase 1 and Guidelines for Grand Solutions Phase 2.



Timeline:

- Deadline for letter of interest for phase 1: 19th March 2025
- Response to the applicants applying for phase 1: 23rd May 2025
- Deadline for full applications for phase 2: 19th August 2025
- Applicants invited for phase 2 receive response no later than: end of November 2025

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

5. Guidelines and inspiration

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

- [Guidelines for Grand Solutions Phase 1](#)
- [Guidelines for Grand Solutions Phase 2](#)

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

- Finance Act 2025
- [Disposition of the Research Reserve 2025 \(in Danish\)](#)
- [Fart på fremtidens grønne løsninger - En styrket indsats for grøn forskning, innovation og klimaløsninger](#)
- [UN's 17 Sustainable Development Goals](#)
- [Link to regional business Lighthouses](#)
- [Innomissions | Innovationsfonden](#)

6. Contact

Innovation Fund Denmark hosts regular webinars and Q&As on Grand Solutions where everyone is welcome to participate. Registration for upcoming webinars and Q&A sessions takes place via Innovation Fund Denmark's website.

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.

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

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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, et cetera, are encouraged to apply for the fund's programmes.