



2021 - Sino-Danish research and innovation cooperation

Green Transition

Joint announcement date: Tuesday 31th of March 2021(Tentative)

Joint deadline for submission of proposals: Thursday 27th of May 2021(Tentative)

Based on the Agreement from year 2007 on Scientific and Technological Co-operation between the Government of the People's Republic of China and the Government of the Kingdom of Denmark and the Memorandum of Understanding (MoU) from the year 2017 (and the extension hereof) between the Department of International Cooperation, Ministry of Science and Technology of China (MoST) and Innovation Fund Denmark (IFD), to enhance bilateral research and innovation cooperation between China and Denmark MoST and IFD jointly launch this call for proposals.

This call will give priority to collaboration that can advance progress in science, technology and innovation in the areas of; (2) Agricultural and Food Technology, (3) Clean and Renewable Energy and (4) Environmental Technology and Circular Economy Technology as outlined in the MoU between MOST and IFD.

1. Prioritised research and innovation areas

- **Capture and storage or use of CO₂.** Development of cost-effective solutions for capturing and storing CO₂, which can be used to reduce CO₂ emissions and create negative emissions from large industrial emissions sources, waste incineration plants, biogas plants and biomass-based cogeneration plants. Together with hydrogen from renewable energy, development of CO₂ utilization technologies that can contribute as new climate-neutral solutions. Collaboratively development of technologies including CO₂ mineralization, CO₂ synthesis to chemicals and materials, to promote low-carbon technological innovation and green transformation of the industry.
- **Green fuels for transport and industry (Power-to-X, etc.).** Solutions to convert electricity from renewable energy into products that can be used to reduce emissions from parts of the transport and industrial sectors where there are no cost-effective alternatives to fossil energy.
- **Climate- and environment-friendly agriculture and food production.** Technologies and solutions that can significantly reduce the climate and environmental impact of both conventional and ecological food production and agriculture, including emissions from livestock, fertilizer application and soils as well as reducing effects on nature.
- **Circular economy with a focus on plastics and textiles.** Promote circular economy through the development of technical solutions to improve resource utilization efficiency, reduce the amount of waste, increase the quantity and quality of recycling, and reduce the environmental and climate impact of products.



2. Funding budget

The Danish side (Innovation Fund Denmark - IFD) will allocate a total of 15 million DKK and the Chinese side (MoST) will allocate a total of 20 million RMB to support 4-5 joint research and innovation projects. The duration of the projects is expected to be up to 3 years for both sides.

3. Common evaluation criteria

Submitted proposals will be evaluated according to national procedures and criteria, however submissions to both IFD and MOST should be similar and include the full project description with partners and tasks from both countries.

Furthermore, emphasis will be on the special bilateral criteria listed below:

- The projects should have a plan for implementation, and participation from both Chinese and Danish companies is strongly encouraged.
- Inclusion of public partners (municipalities, local authorities etc.) as well as other relevant stakeholders is strongly encouraged.
- Innovativeness in project proposal.
- The projects are expected to address their contribution to the SDG's especially sustainability and climate.
- The proposed research and innovation projects should be well integrated on the Chinese and Danish side.
- Research and innovation activities of importance to the expected outcome should be conducted on both sides and that the project activities should be evenly distributed among Chinese and Danish researchers from research institutions and companies.
- Synergy effects and added-value to ongoing research within the field including Sino-Danish research and innovation projects is considered important.

4. Application modalities

Proposals should be submitted using the relevant application forms distributed by MOST and IFD.

For Chinese applicants:

The joint call will be released in the official website of MOST, The guidelines for the Chinese applicants are described in the public service platform of National Science and Technology Information System. For details, please refer to <https://service.most.gov.cn/>



For Danish applicants:

The guidelines for the Danish applicants are described in the Guidelines for Grand Solutions, published on November 2018, however only registered legal entities in Denmark are eligible for investments from IFD. Foreign subcontractors are allowed after approval by IFD. For details visit [here](#). The application including the appendix A, B, C and budget should describe the joint proposal and not just the part conducted by the Danish partners. Please note that the budget file template calculates the total investment rate for all the project partners, however the Danish applicants applying to IFD should make sure that the applied investment rates comply (both the individual and total) with the investment rates mentioned in the Guidelines for Grand Solutions. Proposals must be submitted in Denmark through the application system www.e-grant.dk

5. Application deadline

The application deadline for submission of proposals is Thursday 27th of May (**Tentative**). Proposals must be submitted to both MOST and IFD and should have both the same title and acronym. For national inquiry, please contact:

Application inquiry (Chinese Science and Technology Exchange Center, CSTEC):

LIN Xiyao, TEL: +86 10 68573441, Email: linxy@cstec.org.cn

Address: 54 Sanlihe Road, Beijing, 100045, China

Policy inquiry (MoST):

FENG Chao, TEL: +86-10-58881356, FAX: +86-10-58881354, Email: fengc@most.gov.cn

Innovations Fund Denmark:

International Coordinator, Mr. Martin Kyvsgaard, TEL: +45 6190 5081, Email: martin.kyvsgaard@innofond.dk

Investment Officer, Dr. Sune Dalgaard Ebbesen, TEL: +45 6190 5030, Email: sune.dalgaard.ebbesen@innofond.dk

6. Assessment

The joint project proposals are evaluated in China and Denmark according to national procedures and the bilateral evaluation criteria listed above. A consensus decision on proposals selected for funding between Ministry of Science and Technology of China (MoST) and Innovation Fund Denmark (IFD) is expected in November 2021. The financial support will be in the form of joint funding, but the Ministry of Science and Technology of China may decide to further fund eligible proposals according to their respective evaluation results. Feedback to applicants will follow in December 2021 and implementation of grants in the beginning of 2022. The progress and the final results of the funded projects will be evaluated jointly by MoST and IFD.