

Call for Bioengineering Research Proposals (20k grants) >> Deadline 21 September 2021

Submission deadline: 21 September 2021
Communication of results: BioDay 2021 (24 November 2021)

Programme

TU Delft Bioengineering Institute strengthens the campus-wide collaboration of principal investigators who work on engineering solutions in, with and for biology. Examples of these projects are Biochars for reducing methane emissions, Regenerating neuronal circuits using ultrasound, Medical implants to investigate cell mechanobiology, Advanced cellular nanoimaging and 3D-printing bacterial electrodes for CO₂ conversion. To support this mission, BEI is providing funding for collaborative bioengineering research projects. A maximum of five grants worth 20,000 EUR each is available.

Eligibility

All TU Delft principal investigators connected to TU Delft Bioengineering Institute ([overview](#)) may apply. All assistant, associate and full TU Delft professors who work on engineering solutions in, with and for biology but are not in this overview yet, can join BEI (contact N.vanBemmel@tudelft.nl) and then apply.

Each proposal must have at least two co-principal investigators:

- PI #1 has a ≥ 0.5 fte appointment at one of the BEI faculties EWI, 3mE, CiTG, LR or TNW
- PI #2 has a ≥ 0.5 fte appointment at any TU Delft faculty different from the faculty of PI #1 (all faculties, so that can be IO, BK, TBM as well)

Eligible projects need to be new collaborations, or collaborations initiated from past BioDate events. Extended versions of BioDate MSc project proposals are therefore eligible for funding.

Each PI can only be involved in 1 proposal.

Type of funding

Each grant has a maximum budget of 20,000 EUR. The one-time funds may be used to support PhDs/postdocs or hire student assistants, but not for permanent research staff, administrative support or tuition. Operating supplies, equipment items, prototyping expenses, imaging time and travel directly associated with the research activity are examples of other eligible budget items.

Assessment

Each submitted application will be evaluated by at least two BEI PIs who are not directly involved in the research. The proposal plus the evaluations will be input for the BEI Steering Committee to make a final selection. The Steering Committee reserves the right to have this selection fit strategic aims, such as diversity in topics.

Evaluation criteria:

- Scientific quality (relevant motivation for the work, clear innovative aspect)
- Complementarity (complementary skill-sets, synergy between the groups' expertises)
- Feasibility (realistic time-plan, budget and use of equipment)
- Impact (potential for generating new knowledge/know-how/expertise; could this project for example generate preliminary data for a larger grant application?)

Grant recipients will be invited to provide a short project summary that can be used for publicity, and to present their work at TU Delft Bioengineering Institute related events such as BioDay.

Submission guidelines

Proposals can be submitted to bioengineering@tudelft.nl before **21 September 2021**.

Project proposals are limited to 2 pages A4 (Calibri regular 11pt) and should be submitted electronically as PDF. The application should at least contain:

- Name, faculty/department and contact details of the two co-principal investigators. The grant money will be transferred to a baancode managed by PI #1.
- Description of the project (question/context, objectives, approach, dissemination)
- Time-plan
- Budget overview
- Plans for future funding

Questions

Please contact TU Delft Bioengineering Institute via its coordinator Nienke van Bommel (N.vanBommel@tudelft.nl).