

Technion Sustainability Frontier call for proposals - 2025

The Technion Sustainability Frontier (TSF) aims to promote action for sustainability across Technion activities and leverage Technion capabilities and assets into cutting-edge, meaningful, and engaging environmental outcomes. Serving as the central hub for sustainability on campus, the TSF works to establish, facilitate and coordinate Technion-wide activities, engaging faculty, students and staff in joint research, education, stewardship and outreach activities. Within these realms, the TSF fosters multi-disciplinary collaboration and synergy between Technion departments and centers and assists in building connections with external partners.

One of the TSF's main goals is to promote the development of solutions for a sustainable world through the advancement of basic and applied research. In this call for proposals, the TSF aims to support new research activities at the Technion that are geared towards assessing and monitoring the Technion's carbon footprint and/or providing viable pathways to reduce it, using the campus as a testbed for developing new methods and approaches. This could be achieved using advanced tools such as AI and ML tools and remote sensing as well as other suitable approaches.

We will support collaborations on new projects between researchers from different disciplines and different departments, in the form of seed projects that have the potential to grow into larger projects with external funding. Collaboration between researchers, undergraduate students and staff is encouraged.

The selected projects are expected to report their mid-term progress to the TSF Council, and present their results in a campus-wide event at the end of the academic year ("תשפ"ז). In addition, a short summary report is expected at the end of the project.

We wish to support several one-year seed projects in the range of 100,000 NIS each. The winning proposals will be selected by the TSF Council, and the grants will be managed by the MANLAM office, just like other research grants at the Technion. As such, they are obliged by the same rules and codes as all other internal research grants at the Technion:

- Full-time Technion faculty members from the rank of senior lecturer to professor are eligible to submit.
- A faculty member who is on sabbatical or on unpaid vacation (חל"ת) is not eligible to receive a grant at this time. A faculty member who has retired is not eligible to receive a grant from Technion Internal funds.
- Applicants must adhere to Technion regulations for proposal submission. The Technion Grant Procedural Manual can be found [[here](#)].

Please register your grant proposal by filling out a "Tofes MANLAM" with all the details of your project. In the "Research type / סוג ההצעה" line you should select:

"הצעת המחקר מוגשת למימון מקרנות פנים טכניוניות (תרומות/קרנות מנל"מ)"

In addition, please send us (kayamut@technion.ac.il) the full proposal of your project (up to 5 pages) that includes: State-of-the-art, Goal, Specific Aims, Work plan, Expected outcomes, Team, Budget breakdown (100,000 NIS in total).

For questions on budget and regulations please contact the MANLAM office (evpr.researchsec@technion.ac.il)

For other questions please contact kayamut@technion.ac.il

Deadline: 31/03/2025

With best regards,

Prof. Avner Rothschild

Deputy of the Senior Vice President for Sustainability