

2025



Human Development is .. Our Mission

"MISR EL KHEIR GRANT: EMPOWERING RESEARCH AND PROTOTYPES FOR SUSTAINABLE ENERGY AND WATER

**Tested Prototype Development
(TRL 5-7)**

**Deadline for Proposal's Submission:
30th of November 2025**

1. Introduction:

Misr El Kheir (MEK) is an Egyptian Non-Governmental Organization registered with number 555 in May 2007 under the law 84 for year 2002. MEK aims at developing and empowering the Egyptian Communities to reach a favorable level of quality of life through a self-sustainable development model. In order to reach its goals, MEK seeks national and international cooperation and collaboration with active players in the society through strong and true partnerships.

In general, NGOs, play a key role in the development process, and as Science and Technology (S&T) are fundamental for social and economic progress, NGOs should utilize them as an important tool for achieving a better quality of life. MEK is taking the initiative to utilize S&T for community development. This will help in satisfying the basic needs of the Egyptian people using sustainable models.

The Scientific Research and Innovation Sector (SRI), at MEK, was launched back in 2008 by funding research projects of prominent scientists in the medical field of science. By 2020, the number of research projects increased to twelve projects; and other capacity building projects were launched.

The vision of the Scientific Research Sector is “Scientific Research for Living” and its main objectives are to:

1. Fund and support World Class Scientific Research;
2. Promote a Culture of Scientific Research and Innovation;
3. Support innovation and social entrepreneurship

2. Call Rationale:

In light of the growing challenges Egypt faces regarding water and energy security, there is an urgent need for innovative, practical solutions to minimize water waste and to promote local manufacturing and the localization of energy storage technologies and their alternatives.

Minimizing water waste has a direct and critical impact on key sectors such as agriculture, industry, and public health. Simultaneously, energy storage—particularly given the increasing reliance on renewable energy sources—has become essential to ensure grid stability and efficient utilization of resources.

Promoting local manufacturing with a minimum of 60% local COMPONENTS stands as a strategic pillar for achieving technological self-reliance and reinforcing the national economy.

3. Objectives of the Call

As part of Misr El Kheir Foundation's vision to support human and community development through scientific research and practical application, the Foundation is launching a research call to support implementable applied models that offer real-world solutions to these pressing challenges

"Funding proposals for manufacturing and developing the prototypes or semi-industrial models to be tested and assessed during the project, paving the way for their practical adoption after completion."

Focus Areas:

- Innovative, practically implementable solutions to reduce water waste.
- Localization of energy storage technologies and their alternatives, with at least 60% local manufacturing.

Through this initiative, Misr El Kheir aims to promote applied research and align its outcomes with the real needs of society, thereby achieving a meaningful and sustainable developmental impact in line with national priorities.

4. Eligible applicants:

- Egyptians' residents affiliated to an Egyptian institution may apply (governmental entities, private institutions and startup companies)

5. Application Format

Provided by MEK's Guide for Applicants, Scientific Research Grant, available at the website.

6. Budget

The total project budget should not exceed 2,000,000 EGP with salaries and incentives not exceeding 10-15% of the total budget.

Salaries are allowed and should be relevant to the scientific experience; research record of accomplishment and achievements of the scientists.

7. Project Duration

The maximum duration for project implementation is 18 months.

8. Evaluation Criteria

The proposals will be evaluated on competitive basis based on the following criteria:

- Relevance to the Scope
- Scientific merit
- Validity of the research concept
- Innovation and competitive edge
- Relevance and track record of the research team
- Budget adequacy
- The possibility of applied the projects outcomes
- End User's partnership is mandatory. **"MUSTED"**

9. General Remarks

- Applicants must carefully review and fully comply with the Scientific Research Grant Guide for Applicants, issued by Misr El Kheir Foundation and available on the Foundation's official website. The guide contains all essential information regarding eligibility, evaluation, and reporting requirements.
- Proposals must be submitted exclusively through Misr El Kheir Foundation's online submission platform. Submissions via email or hard copy will not be accepted.

- Each proposal must be complete, prepared according to the official template, and duly signed and stamped by the submitting institution.
- Applicants may submit more than one model, provided that each model is submitted in its designated section. Each model must meet the following criteria:
 - **It must be "TESTED BY THE END OF THE PROJECT"**
 - * Theoretical models or those lacking practical applicability will not be considered.
 - **It must be supported by **evidence of feasibility**, including, but not limited to:**
 - a. Preliminary or official approvals from relevant authorities
 - b. Letters or documents confirming communication with competent entities and end user.
 - c. Support or coordination letters from the beneficiary or implementing institution
 - d. A clearly identified to be a site to tested in, with proof of the model's applicability in that location.
- We may proceed with drafting the contract based on initial approvals; however, the project will not commence, nor will any payments be made, unless and until all required official approvals are obtained. The contract will not be considered effective without such approvals.
- Private sector applicants are **not required** to submit a bank guarantee letter.
- Cost sharing from the submitting entity or project partners is strongly encouraged, as it reflects commitment and supports project sustainability.
- Indirect costs (such as administrative overheads or institutional fees) are **"not allowed"** under the project budget.

10. Deadline

30th of November 2025