# Engineering for Impact Challenge!

**DUE NOVEMBER 14, 2025 BY SUBMISSION ON MUSLIMTECH4GOOD.COM**

## 120 Million + people have been forcibly displaced due to conflicts and disasters globally. 6.6 Million + live without basic infrastructure or access to essential needs daily.

## Imagine this:

You are a young Muslim engineer living in the Rohingya refugee camps in Cox's Bazar, Bangladesh. All around you are landfills, poor infrastructure, and harsh living conditions. But you refuse to look away.

Instead, you're determined to create change. To bring dignity and solutions.
**This is your challenge.**

## How It Works

Your mission is to propose a project around the theme of **Essential Needs Sovereignty**, creating a locally built solution to one of the following domains:

- Power
- Food
- Fuel
- Water sourcing & purification (including desalination technologies)
- Sewage management or housing
- Communication
- Health

**What does Essential Needs Sovereignty mean?**
It means your project must be **built from locally sourced, easily accessible materials** - as if you were in the refugee camp. You'll need to research what is realistically available in such a setting. Minimal reliance on global supply chains, although some allowance can be made if the materials can realistically be brought in.

**Can't find your idea in these categories?**

Other themes **will be considered**—as long as you can clearly explain why your chosen theme is essential, propose a realistic and impactful solution, and design a project that aligns with the goals of local empowerment and sustainability.

The competition will be split into 2 parts:

**Phase 1:** Due by November 14, 2025; choose one of the themes, and propose a solution. You will have to research what has already been done in this space, and work to adapt to the local context and/or improve it. We will need a brief one page write-up for your proposed solution, and on November 16th, 2025 you will present your proposed solution to a panel of judges, including a Q&A. Top 3 ideas will be selected for a cash prize!

**Phase 2:** From January 1st, 2026 to April 12,2026 , you can build out your proposal for a larger cash prize! You will be given the space, funding and mentorship to build your idea - you may also have the opportunity to submit your project to other competitions/hackathons run by universities, industry or even the government.

**Need inspiration?**
Visit our Website and Blog for real-world examples and project ideas!

**Team Info:**
You can work **solo or in a team**.

Portal open for project submissions: Will be open until **November 14, 2025**

- All participants to present on November 16, 2025 to the panel of Judges (location will be given closer to the date)

**Submit your final proposal** through our online portal on Muslimtech4good.com. Be sure to include:

- A Brief writeup detailing what problem you are focusing on, and proposed solution
- A 3 slide powerpoint to present on November 16, 2025

Age Limit: 16+ with no upper limit

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**Judging & Assessment Criteria for Phase I**
Projects will be evaluated by a panel of engineers, community leaders, and educators based on the following criteria:

| Category | Description | Points |
|---|---|---|
| **Relevance** | Potential to improve quality of life and be replicated or transferred to similar settings | 25 |
| **Local Feasibility** | Uses materials and tools realistically available in low-resource settings, or materials that can be brought in | 25 |
| **Originality** | Offers a unique or improved solution | 25 |
| **Sustainable** | Will the project be able to reach a point of completion? | 25 |

**Total: 100 points**

🏆 **Prizes for Phase I:**

- **1st Place: $300**
- **2nd Place: $200**
- **3rd Place: $100**

🏆 **Prizes for Phase II (Opens January 1st, 2026):**

- **1st Place: $2,000**
- **2nd Place: $1,000**
- **3rd Place: $500**
- **Plus: Special Recognition Awards**

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We're calling on the most innovative and disciplined **Muslim youth in WNY** to rise to the challenge.

**Are you ready to build for the Ummah and Answer the call?**

Questions? Email Muslimtechforgood@gmail.com
Muslimtech4good.com