



CLIMATE RESILIENCE OF MICRO, SMALL & MEDIUM INDUSTRIAL WORKPLACES

CRESMI Challenge Prize

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Challenges Prizes: Overview

Challenge : To formulate a project proposal under the theme "Climate Adaptation of Egypt's MSMs through energy retrofit: A future-fit approach".

Teams: Participants will form collaborative interdisciplinary teams including members from both the UK & Egypt

Timeline: Teams will have over 4 weeks to develop proposals, detailing a work plan achievable < 6 months.

A pilot study for the energy-efficient retrofit of an Egyptian MSM, demonstrating how this can achieve climate resilience & healthier work environments.

Challenges Prizes: Objectives

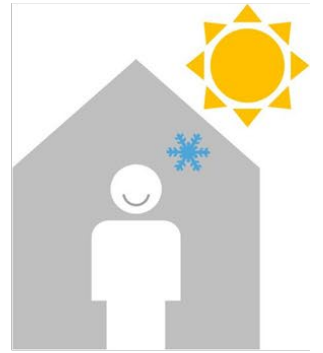
- Recruit a case study MSM in Egypt
- Employ a participatory approach to engage MSM stakeholders
- Design & formulate scenarios for retrofitting
- Employ methods to monitor/measure current performance & analyse the impact of retrofit scenarios on current/future performance, thermal comfort, energy use & costs
- Demonstrate measurable impact to all stakeholders, communicate stakeholder & wider policy recommendations
- Employ an impact tracking strategy, mapping outcomes to UN SDGs
- Define sustained research pathways, e.g. pilot scaling up or application through demonstrators

Challenges Prizes: Example

Case Study: Monitoring Workplaces in Egypt

A preliminary study that aimed to explore climate change induced health & productivity impacts in workplaces.

Current levels of thermal discomfort & potential reduction of labour productivity in two workplaces (factories) in peri-urban areas in Egypt



Challenges Prizes: Process

- Create a team of up to 8 people (must include UK & Egypt participants & should aim for a gender balance)
- 4 weeks to develop proposals, detailing a work plan achievable < **6 months**
- The prize committee includes workshop lead applicants, mentors & external assessors
- Members will independently evaluate proposals using a framework made available to teams.
- Up to **£6,500 (>140,000 EGP)** will be awarded to **each** of the winning teams

Detailed Guidelines & Application can be
downloaded at <https://cresmi.org/challenge-prize/>

Submit via email to info@cresmi.org
Deadline: 5th July 2021 (11:59 UK Time)



Challenge Prize Q&A

info@cresmi.org