

EFFICIENCY FOR ACCESS DESIGN CHALLENGE

WEBINAR: RESEARCH LANDSCAPE



FUNDED BY:

 **IKEA** Foundation


ukaid
from the British people

Transforming
Energy
Access

AGENDA

- Introduction to Research on the Challenge
- Meet our Speaker
- Research Landscape
- Q&A



ASSESSMENT FRAMEWORK

Innovation

Sustainability

Social Impact

Scalability

RESEARCHING ON THE CHALLENGE



- All assessment framework criteria to be considered
- Important to evidence what you claim
- Submissions are assessed by industry professionals
- Working at an early stage of development
- Use the latest innovations and research to YOUR advantage

MEET OUR SPEAKER



Liya Betsy Thomas
Energy Saving Trust



RESEARCH LANDSCAPE

Efficiency for Access Design Challenge

Liya Bensy Thomas,
29th November.

**Let's say you have an idea
for an automated sensor-
based irrigation system or a
cooling solution or a pest
control technology.**

**How and where do you
start?**



Step 1: Literature Review

- What is the challenge you are trying to address?
- What has been done till now?
- Can you add value to an already existing technology?
- Can you adapt an existing technology to your context?





Where to start?

- [Efficiency for Access](#)>R&D funding or Publications
- [Engineers Without Borders](#)
- [Energypedia](#)
- [Energy Catalyst](#)
- [Powering Renewable Energy Opportunities](#)
- [EEP Africa](#)
- [Sustainable Energy for All](#)
- [Engineering for Change](#)
- [Power for All](#)
- [Horticulture Innovation Lab](#)
- [Wageningen University and Research](#)
- [ESMAP, World Bank](#)
- [Ashden Climate Solutions in Action](#)

ASSESSMENT FRAMEWORK: Innovation, Sustainability, Social Impact and Scalability

Assessment Framework: Innovation

- Are you developing a brand-new product or improving an existing technology?
- Is your production cost low?
- Is it user-friendly and easily repairable?



Assessment Framework: Sustainability

- What is the environmental impact of your idea: Life Cycle Assessment (LCA)
- How is LCA carried out?
- Sustainable Development Goals (SDGs)
- Technologies required to achieve SDGs



Assessment Framework: Social Impact

- How inclusive is your appliance?
- Addressing disability in agriculture
- Reducing gender inequalities through energy access



Assessment Framework: Scalability

- Is there a market for your design?
- Is your design accessible and affordable?
- Have you thought about business model?
- What is your strategy to make your design commercially viable?



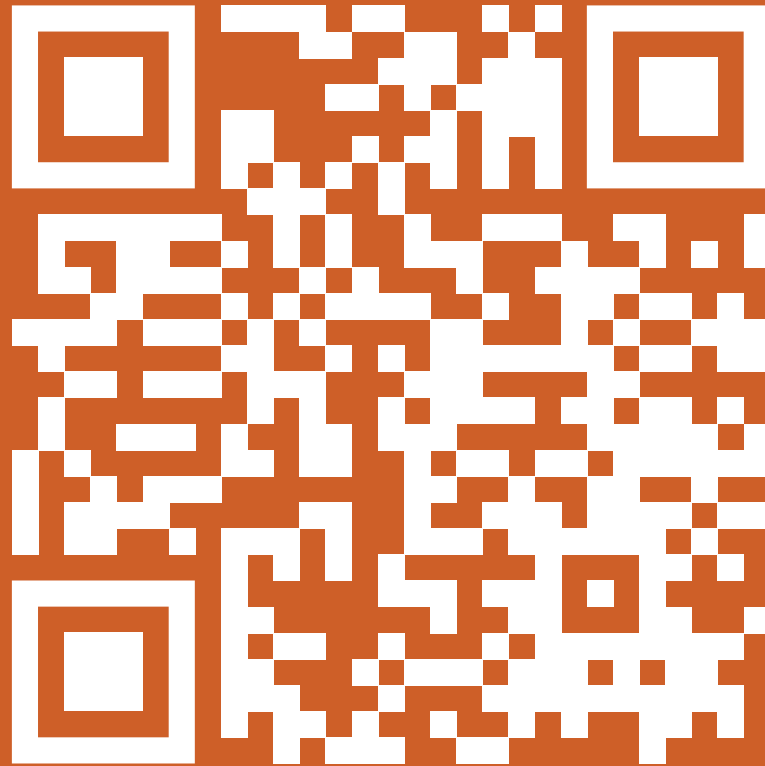
Q & A



WHAT'S COMING UP

- **Now:** Sign your terms and conditions, create your project space, add all teammates and upload your Concept Note.
- **Soon:** Your mentor will be tagged to your team's Concept Note on CrowdSolve so you know who your mentor is, and they will contact you via email.
- **Mid-way Workshop:** 5 December 10-11:30am (GMT)
- **w/c 11 December:** Humanitarian Contexts Webinar
- **12 December:** Opening of Prototyping Window 1
- **w/c 18 December:** Second drop-in session
- **March:** 'Choose your own' webinar

FEEDBACK SURVEY



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SIGN YOUR T&Cs



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NEWSLETTER SIGN-UP



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