



Efficiency for Access Design Challenge Download: November

Hello! Welcome to the first edition of the Efficiency for Access Design Challenge Download, where Efficiency for Access will take you through all things energy access, solar power and responsible engineering! If you have content suggestions or would like to get in touch, please email eforachallenge@est.org.uk.

Efficiency for Access at the Engineering Design Show

From 12–13 October, the [Efficiency for Access Design Challenge](#) team were in Coventry at the [Engineering Design Show](#), exhibiting student prototypes from the 2021–2022 academic year. Read our write-up of the event by Project Manager, Sean Davy, [here](#), and learn about the amazing prototypes we exhibited.

Latest insights into off-grid technology

Our Programme Partner, GOGLA, hosted the Global Off-Grid Solar Forum and Expo in Kigali, Rwanda, 18 – 20 October, which convened over 1000 key stakeholders in energy access. Efficiency for Access' main takeaways were:

- Affordability remains the biggest barrier to solar appliance uptake
- We must listen to consumer voices
- We need to see more local companies represented and supported in the sector
- Productive use of energy was front and centre

To find out more, read our takeaway article [here](#).

Energy access at COP27

Efficiency for Access is heading to COP27! We will be speaking at a number of events, exploring the off-grid and climate technology sectors. Find out where we're going to be [here](#), and register for the SDG7 pavilion and the Resilience Hub.

Engineers Without Borders UK: Addressing the sustainability skills gap

At 1pm GMT on 24 November, join [Engineers Without Borders UK](#) for a lively panel discussion focussed on the changes we need to see in education and industry to address the sustainability skills gap and challenges underpinning this, and ensure engineers can make a meaningful input to combat the climate crisis. Register [here](#).

Reshaping engineering returns for a second year!

Join Engineers Without Borders UK for its month-long virtual design challenge, which is returning for a second year. It will provide over 300 student and professional participants from around the world, with a unique opportunity to reshape how engineering is taught and practised to ensure a safe and just future for all. Deepen your understanding of sector-wide challenges, enhance your ability to collaboratively solve real-world problems using the engineering design process, and encourage critical reflection on your own responsibility to drive change. [Register here](#).

Ashden Awards

To prevent climate catastrophe, we have to get to work - and fast. On 2 November, the eight global innovators boosting the number of skilled hands ready to get the job done were announced as winners at the [2022 Ashden Climate Awards](#), presented by broadcast meteorologist Laura Tobin with keynote speaker, Brian Eno. Learn more about the winners and watch the event [here](#).

Power Up campaign

Ashden, along with key stakeholders and frontline organisations in the energy access sector, have launched a campaign called [Power Up](#) to put energy access at the heart of the UNFCCC/COP process. This will amplify African voices and ensure global climate talks deliver more funding into energy access – and that investment reaches frontline organisations. The campaign aims to inspire and support policymakers in countries affected by energy poverty, giving them the business case to argue for global action. Find out more [here](#).

TEA-LP Request for Proposals for the uptake of new courses

The [TEA Learning Partnership \(TEA-LP\)](#) is designing [three new energy access](#) courses to be implemented within Masters' level programmes at universities across Africa and the Indo-Pacific region. The courses offered are:

- Course #1: Local Solutions for Energy Access
- Course #2: Mini-grids: Planning and Design
- Course #3: Appliances for off-grid communities

There is between £10,000 - £20,000 available for the implementation of one to three of these courses.

The deadline for the proposals is Friday 18 November 2022.

All information regarding the Request for Proposals is available on the [TEA-LP website](#).

Reading list

[Off-grid solar market trends report](#): Take a look at the latest market insights from Efficiency for Access, in collaboration with World Bank's Lighting Global, the International Finance Corporation, GOGLA, and Open Capital Advisor.

[Bridging the gap between engineering and practice](#): Learn about research and development without borders, and Engineers Without Borders' work in Cameroon.

[Appliances for All – Assessing the Inclusivity of the Solar Lighting and Appliances Sector](#): This report examines how well solar lighting and appliances are reaching key populations, and assesses inclusion across solar company employment practices and product offerings.

[Off-grid solar expected to electrify 624 million people by 2030 but 'game changers' are needed to achieve universal access goals](#): Check out this article from our programme partner, GOGLA, to see what still needs to happen in order to achieve SDG7.

[Climate Plans Remain Insufficient: More Ambitious Action Needed Now](#): This latest article from the United Nations Climate Change Committee outlines what needs to be discussed, and actioned, at COP27 and in the fight against climate change.

Contact the Efficiency for Access Design Challenge team at EforAchallenge@est.org.uk

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The Efficiency for Access Coalition is coordinated jointly by CLASP, an international appliance energy efficiency and market development specialist not-for-profit organisation, and UK's Energy Saving Trust, which specialises in energy efficiency product verification, data and insight, advice, and research.

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