



# CLIMATE CHALLENGE WORKSHOP



Delivering Battery Revolution:  
Reducing The Drivers of Climate Change in Indonesia

Challenge Prize Total of **£20,000**

Author Guidelines

For more information, visit our website at  
[n-bri.org/event/climate-challenge-workshop](http://n-bri.org/event/climate-challenge-workshop)



## OVERVIEW

Addressing the challenges of climate change is critical for promoting global sustainable development. This Climate Challenge Workshop is one of many activities the British Council is delivering in the run up to COP26 which take place in Glasgow, United Kingdom. It is indeed a deep honor and great pleasure that National Battery Research Institute being trusted by British Council and Queen Mary University of London to organize this event.

This Climate Challenge Workshop is fundamental in order to support international development-relevant research on climate change. This event also contributes to capacity building of Early Career Researchers, establish new research links or significantly develop international experience with the potential for longer term sustainability and will enable to open international networking especially for Indonesian and United Kingdom ECRs.

It is hope the that proposals submitted will bring out a new fresh idea and the research can be implemented in the long run to solve the climate challenge not only in Indonesia but also the world. As a commitment to Sustainable Development Goals, this might be a part of contribution to accommodate any solutions for climate change in the future.

This guideline is prepared for the participants to deeply understand about the rules of the event. We uphold the Fair competition, respect mutual friendship and team spirit, as well as equality, integrity, solidarity, and tolerance.

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Prof. Dr. Evvy Kartini

**Founder of NBRI**

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Prof. Dr. Alan J. Drew

**Co-Founder of NBRI**

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## Author Guidelines

### 1. Acknowledgement

This work was supported by a Researcher Links Climate Challenge Workshop Grant, ID 714497704 and funded by the British Council to implement activities in the run up to COP26 (the 26th United Nations Climate Change Conference of the Parties). For further information, please visit <https://www.britishcouncil.org/education/science/current-opportunities/researcher-links-climate-challenge-workshops>.

### 2. Authenticity:

The proposal has to be original and fresh idea and have not been submitted or being considered by any funding schemes. In addition to the proposal, a written statement should be attached which clarifies that the proposal is original and does not contain any elements of plagiarism.

### 3. Title:

The title should be short, and describes what your research is about your proposal title as well as includes important 'key words' that will relate your proposal to the specific thematic areas.

### 4. Background:

Addressing the challenges of climate change is critical for promoting global sustainable development. Climate Challenge Workshop grants are designed to provide financial support to bring together a UK and Indonesia bilateral cohort of early career researchers (ECRs) to take part in virtual interdisciplinary research workshops. The workshops offer a platform to stimulate and discuss innovative research ideas and encourage sustainable collaborations across disciplines.

Participating ECRs from the UK and Indonesia will have the opportunity to submit joint proposals to unlock further funding in form of individual challenge prizes which can be used to implement research ideas and generate development-related impact after the workshop. Successful candidates will receive mentoring during the project, to ensure maximum impact and success of the project.

This research prize was funded as part of the many activities the British Council is delivering in the run up to COP26 (the 26th United Nations Climate Change Conference of the Parties) which takes place in Glasgow in November 2021.

### 5. Aims:

The aim is to harness the power of people all over the world – particularly young people and those most vulnerable to the effects of climate change – to connect and collaborate through culture and education to combat climate change. In general, the objectives are:

- (i) Explain the causes and the role that Indonesia has on climate change, locally and globally, across different economic sectors (e.g transport, energy, industry, tourism, household).
- (ii) Explain the social and economic impact that climate change will have on Indonesia.
- (iii) Explain potential solutions to reducing the causes of Indonesian driven climate change, such as battery backed renewable energy or electrification of transport.
- (iv) Identify scalable battery and renewable energy technology that can tackle climate change.
- (v) Elucidate the wider environmental impact of solutions to climate change (e.g pollution from mining, deforestation and displacement of indigenous people for hydroelectric power, carbon capture etc.).
- (vi) Ensure that ECRs understand the proposed solutions must be of net benefit to climate change and the environment, by taking into account the full environmental cost.

## 6. Thematic Areas

- I. Climate change specific to Indonesia - causes and effects: This will cover all potential causes (SDG13), such as deforestation (SDG13, SDG15), transport (SDG9, SDG11), tourism, cooking and household emissions (SDG3), electricity generation (SDG7, SDG11, SDG12), industry (SDG9), and future potential economic growth predictions (SDG1, SDG8). We note that the major drivers of climate change in Indonesia are electricity generation, industry, burning of biomass and transportation, but others exist, and we will consider all. Effects will cover different localities (urban, rural, coastal: SDG14, SDG15), economic status and employment sector (SDG8), natural environment (SDF14, SDG15), gender equality (SDG5) etc.
- II. Potential technological solutions to climate change specific to Indonesia: This will heavily emphasize technological solutions to renewable energy (solar, wind, hydro) backed up with batteries for storage when renewables isn't generating (SDG13, SDG7), the infrastructure and solutions needed to support electrified transport (SDG9) in Indonesia, and the potential for carbon capture.
- III. Socioeconomic, policy and financial barriers to climate change solutions in Indonesia: There are many barriers, often financial and political, to sustainable growth in Indonesia. Government policy has presided over a significant expansion of energy use, most of which has come from fossil fuels, as a result of abundant sources of coal and oil in Indonesian territory. The political, financial, social and economic battlers will be fundamental to the workshop, particularly in assessing how they may link in with technological solutions.

## 7. Qualification

- Project must be ODA-eligible (support economic development and/or

- welfare in partner country)
- Applicants must consider the impact of their project on gender equality.
- The proposed work should tackle an existing problem caused by climate change.
- Demonstrate how the project will generate positive development-related impact in the next 10 years.

## **8. Due Diligence**

There must be an open and transparent selection process for the prize winners. Principal applicants should keep a record of any discussion or justification for selecting a specific organization or a specific individual. Please also record any decision on the due diligence. and what type of checks you have conducted so that it can be shared with the British Council, if needed.

## **9. Language and Communication:**

The proposal should be written in English. Bearing in mind the usage of Zoom app is prohibited in UK, we kindly suggest you to use Microsoft Team.

## **10. Eligible costs**

The prize money must be spent on research activities that will address development challenges and therefore be ODA-eligible. The following costs are eligible:

- Costs for research and development.
- Operational costs: Travel costs for visiting and post-workshop activities, Visa fees, vaccinations, and medical insurance for travel essential to collaboration, to the UK and partner countries.
- Publication costs directly related to the project and the workshop (we particularly encourage open access publishing).
- Use of telecommunications such as video / audio / web conferencing.
- New equipment: The purchase of equipment must be subsidiary to the aims of the follow on work, any equipment above the value of £5000 will need to be signed off by the British Council before any award can be made. Criteria are normally:
  - Equipment is essential to delivery of the project and cannot be expected to be provided by institutions.
  - Equipment will be used in the partner country and will remain there on project completion.
- Additional consumables for the research.

## **11. Ineligible costs:**

- Costs of staff based in commercial or for-profit organizations.
- Costs of permanent staff.
- Purchase or rental of standard office equipment (except specialist equipment essential to the research). This includes IT hardware – laptops, personal

computers, tablets, smart phones, Mac workstations, computer parts and peripherals, etc. Any standard hardware which would routinely be used by researchers and academics will not be funded.

- Standard office software.
- Mobile phone rental or purchase / roaming charges.
- Tuition Fees.
- Bench Fees (for example PhD, Masters or Undergraduate study).
- Attendance at conferences or other events unless this is to present outputs and outcomes of the project.
- Patents costs.
- Costs relating to the construction, procurement, or rental of physical infrastructure, (e.g. office buildings, laboratory facilities).
- Entertainment costs such as gifts or alcohol, excessive restaurant costs, excessive taxi fares
- Institutional overhead costs

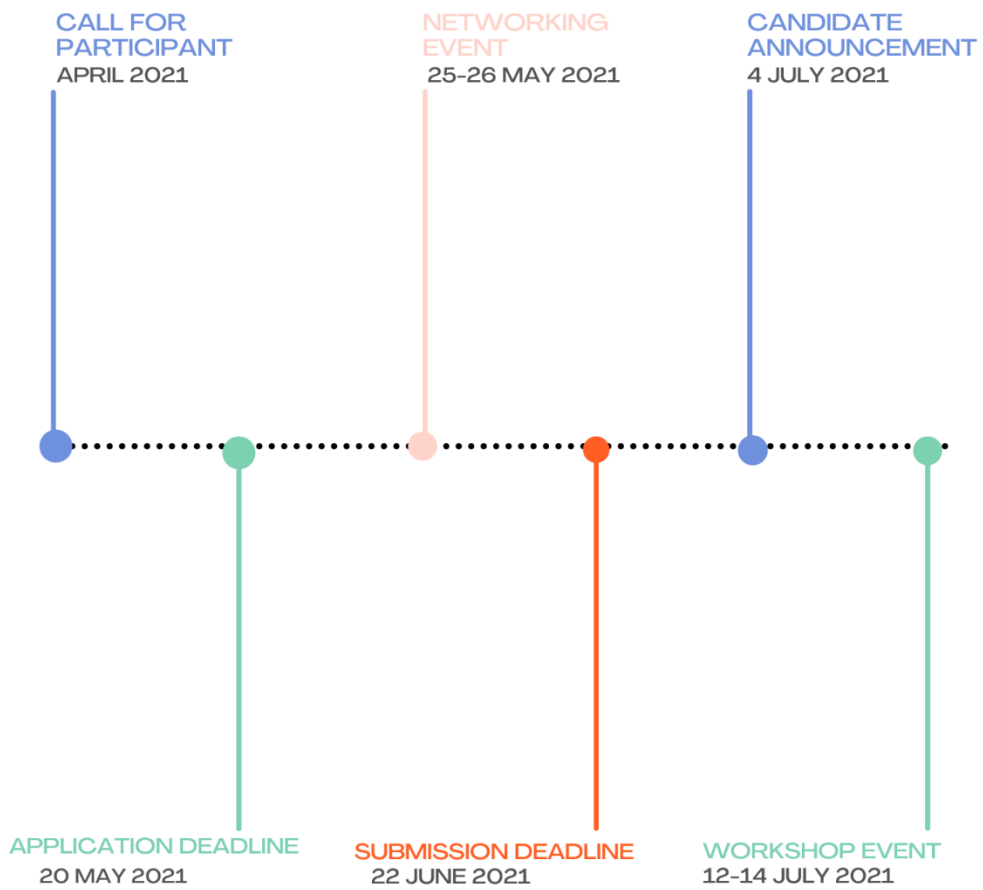
## **12. The challenge prize money cannot be used for the following activities**

- Activities which may lead to civil unrest.
- Activities which discriminate against any group on the basis of age, gender reassignment, disability, race, color, ethnicity, sex and sexual orientation, pregnancy and maternity, religion or belief.
- Interest payments or service charge payments for finance leases
- Statutory fines, criminal fines or penalties.
- Bad debts to related parties.
- Payments for unfair dismissal or other compensation.
- To replace or refund any funds lost to fraud, corruption, bribery, theft, terrorist financing or other misuse of funds.

## **13. Financial and Project Reporting**

- Quarterly Review: There will be quarterly review within 4 months, you are required to provide information update about the progress and budgeting. The final project should be finished **before March 2022**.
- Final Report: This report you should submit as soon as the research done, you are requested to provide detail activity, the potential and accomplishment of your proposal. The final presentation of the report maybe requested upon completion of the project.
- All transaction and expenses from the research prize must be well documented complete with receipt. Remember all receipt must be original.

## 14. Agenda





No	Date	Agenda	Description
1.	29 April – 19 May 2021	Launching	We open for Early Career Researcher who are interested in Climate Challenge Issue in Indonesia in order to find better solution in climate change.
2.	20 May 2021	Application deadline	The participant must submit the registration form on our website. Only the selected participant will be invited to networking event. At this stage <b><u>the research proposal is not required yet.</u></b>
3.	25-26 May 2021	Networking event	<p>The networking event is designed for ECR from Indonesia and United Kingdom to socializing and find partners in order to enhance their research. We suggest Indonesian ECR and UK ECR to team up.</p> <p>After you find your partner, please find the proposal template in our website (registration &amp; application page)</p> <p>The Principal Investigator (PI) are requested to prepare the documents on behalf of the team. Remember all the communication will sent directly to PI.</p>
4.	22 June 2021	Proposal submission deadline	The research proposal must be submitted by the PI through the link that will provided soon or. Remember to fulfill all the requirements of the proposal.
	23 June – 2 July	Proposal review by the mentors	During this period the mentors may give suggestions or improvements of the proposals.

No	Date	Agenda	Description
5.	4 July 2021	Candidate Announcement	There will be 10 selected proposals will be invited to present their research proposals at the workshop. The rest are welcome to the workshop as participant.
6.	12-14 July 2021	Workshop event	All the nominee will be evaluated based on desk evaluation and presentation. Only the best 4 nominee will be granted by the prize.
7.	15 July 2021 – 15 March 2022	Conducting Research	The winners are performing and completing their research based on the proposals. The result should be submitted before <b><u>15 March 2022</u></b> . The result of their research should be presented.

*\*the updating information and agenda will be announced in our website.*

<http://n-bri.org/event/climate-challenge-workshop>

