THE Impact Rankings Questionnaire
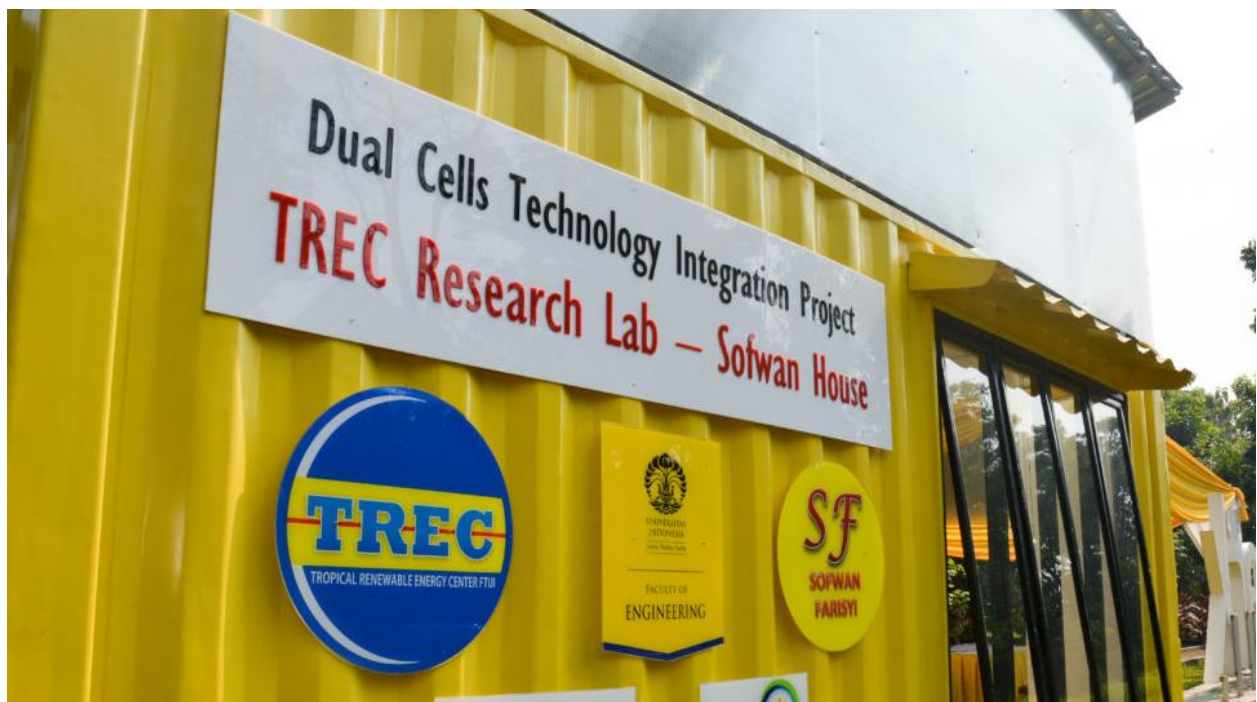
University   :   Universitas Indonesia
Country   :   Indonesia
Web Address   :   ui.ac.id

[7] SDG7: Affordable and Clean Energy
[7.4] Energy and the community
[7.4.4] Policy development for clean energy technology Inform and support governments in clean energy and energy-efficient technology policy development

"Tropical Renewable Energy Center (TREC)"

Description:

Tropical Renewable Energy Center (TREC) was established in Faculty of Engineering Universitas Indonesia in 2015. TREC originally consisted of seven clusters in the fields of renewable energy applications. By January 2019 it had been merged into four clusters to gain more collaborations between experts of each clusters.

TREC supports the education activity at higher level in their transition to a sustainable energy future, through energy transition process and serves as the principal platform for national and international co-operation, a center of excellence, and a repository of policy, technology, resource, and financial knowledge on renewable energy. TREC focused in research projects on the environment and energy issues, which are crucial for human beings in 21st century especially in Indonesia.

TREC will respond to present-day needs, work together with industry to create core technologies leading to the development of new industries, and through these efforts, will offer a world-class education environment. We will continue to work hard and drive forward domestic and international collaborative activities to respond the social requests and advance our contribution to society. TREC promotes the widespread adoption and sustainable use of all forms of renewable energy, including bioenergy, geothermal, hydropower, ocean, solar and wind energy, in the pursuit of sustainable development, energy access, energy security and low-carbon economic growth and prosperity.

Research Cluster

Explore our research:

1. Green Buildings
2. Circular Economy and Waste Management
3. Smart Grids
4. Materials for Energy
5. High Voltage
6. Energy Storage
7. Biomass Energy
8. Fluidic Energy
9. Maritime Energy
10. Metal Extraction and Surfactants

Evidence Link: https://trec.eng.ui.ac.id

THE Impact Rankings Questionnaire

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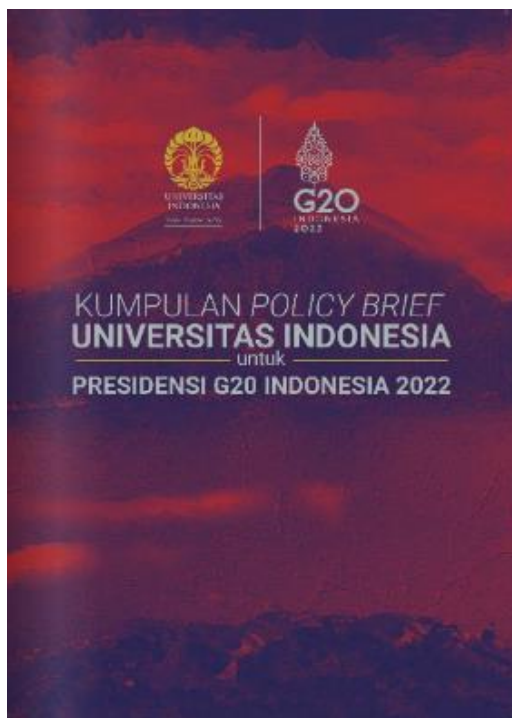Web Address   :   ui.ac.id

[7] SDG7: Affordable and Clean Energy
[7.4] Energy and the community
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governments in clean energy and energy-efficient technology policy development.

Description:

Policy Brief is a product contribution from the University of Indonesia to the activities of
the 2022 Indonesian G20 Presidency from the research results of the G20 Research-Based
Policy Grant which focuses on strategic issues in the three main topics of the 2022 G20
Indonesia Summit, namely: Global Health Architecture, Sustainable Energy Transition,
and Transformation Digital and Economy.

On Monday, September 26, 2022, the Universitas Indonesia handed over the book "Kumpulan Policy Brief Universitas Indonesia untuk Presidensi G20 Indonesia 2022" to the Deputy for Coordination of International Economic Cooperation/G20 Indonesia Co-Sherpa. This book can be a scientific contribution and a real contribution from UI as a partner for the Indonesian government in the 2022 G20 Presidency. Apart from that, it is hoped that the results of the researchers' thoughts contained in this Policy Brief can also help all policy makers to produce decisions that are beneficial not only for Indonesian society, but also for global interests.

Evidence Link: https://www.ui.ac.id/ui-serahkan-policy-brief-tentang-arsitektur-kesehatan-global-transformasi-digital-transisi-energi-cross-cutting-issues-dan-bus-listrik-dukung-sherpa-g20/