

THE Impact Rankings Questionnaire

University : Universitas Indonesia
Country : Indonesia
Web Address : www.ui.ac.id

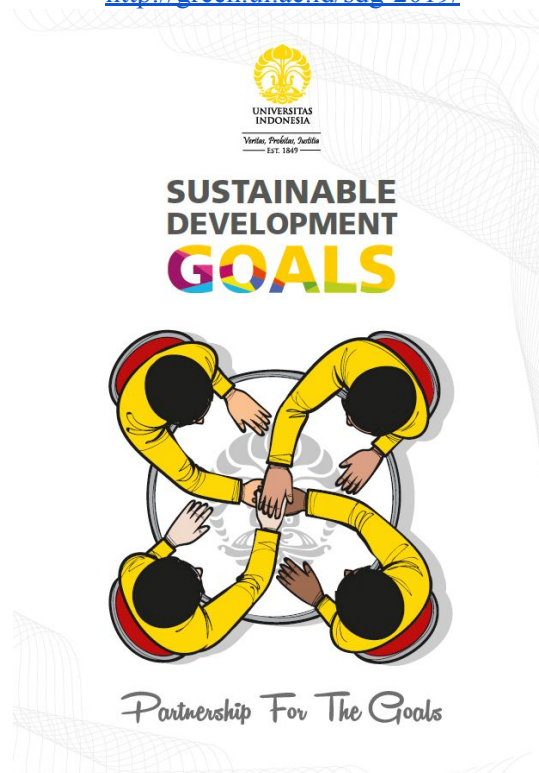
[17] SDG17: Partnerships for the Goals

[17.3] Publication of SDG reports

[17.3.13] Publication of SDG 13 Climate Change Management

University's sustainability report 2019 (SDG 17-Climate Change Management)

<http://green.ui.ac.id/sdg-2019/>





SDG 13

Penanganan Perubahan Iklim

Climate Change Management

Penggunaan Sumber Energi Terbarukan

UI berkomitmen untuk terus meningkatkan penggunaan sumber energi bersih dan terbarukan (EBT) demi terwujudnya Kampus Hijau. Halalkan penggunaan EBT ini diimplementasikan secara bertahap di seluruh gedung dan seluruh fasilitas kampus yang ada.

Salah satu contoh sukses dari implementasi ini ialah pembangunan dan pemanfaatan solar panel di Gedung Perpustakaan Kampus UI di Depok. Gedung Perpustakaan UI dikenal juga sebagai The Crystal of Knowledge. Selesai dibangun pada 2011, lair gedung ini menggunakan hamparan rumput pade atap (rooftop) yang menyelimuti atap gedung dari lantai 5 hingga ke lantai dasar.

Mendaki pada Rencana Strategis UI 2014-2019 di bidang pembangunan berkelanjutan, dilaksanakan pemasangan Pembangkit Listrik Tenaga Surya (PLTS) on Grid yang dipasang pada rooftop Gedung Perpustakaan. Pemilihan sistem on Grid selain biaya investasi lebih murah, kebutuhan energi listrik juga lebih besar pada siang hari (08.00-16.00).

Pembangunan PLTS dimulai sejak April 2019 dan selesai serta mulai beroperasi pada Mei 2019. Pemasangan solar panel ini menghasilkan energi listrik dengan kapasitas 80 kWp, di mana energi rata-rata yang dihasilkan mencapai 65 kW per hari dan dapat memenuhi 20 persen dari kebutuhan energi listrik di Perpustakaan Kampus UI pada siang hari.

Use of Renewable Energy Source

UI is committed to continuously increase the use of free and Renewable Energy sources (RES) for the realization of the Green Campus. The RES usage policy is implemented evenly and gradually in all facilities and at campus facilities.

One successful example of this implementation is the construction and utilization of solar panels at the UI Campus Library Building in Depok which is also called The Crystal of Knowledge. Completed in 2011, this building uses grass which spreads over the roof (rooftop), covering the roof of the building from the 5th floor to the ground floor.

Referring to the UI 2014-2019 Strategic Plan on sustainable development, On-Grid Solar Power System (PLTS) will be installed on the rooftop of the Library Building. The on-grid system was selected to lower investment costs, to fulfil the need for electrical energy which is greater during the day (8 a.m to 4 p.m).

PLTS were constructed in April 2019. It was completed and began operating in May 2019. The solar panels produce an 80-kWp electricity capacity, where the average energy produced reaches 65 kW per day and can meet 20 percent of the electrical energy needs in UI Campus Library at noon.



Pembangkit Listrik Tenaga Surya (PLTS) Gedung Perpustakaan UI
The Solar Power System (PLTS) on UI Library Building

Sistem Rooftop on Grid

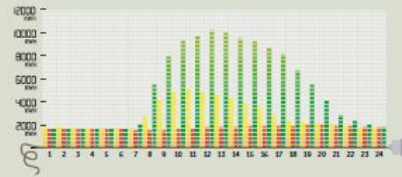


Renama PLTS

Saat ini UI tengah merencanakan untuk mengimplementasikan penggunaan PLTS di sejumlah lokasi strategis.

PLTS plan

At present, UI is planning to implement the use of solar power plants in several strategic locations.



Konsumsi Energi Listrik UI 2014-2019 (kWh)
UI Electric Power Consumption in 2014-2019 (kWh)



University's sustainability report 2018

<http://green.ui.ac.id/wp-content/uploads/2019/01/UI-Sustainability-Report-2018.pdf>

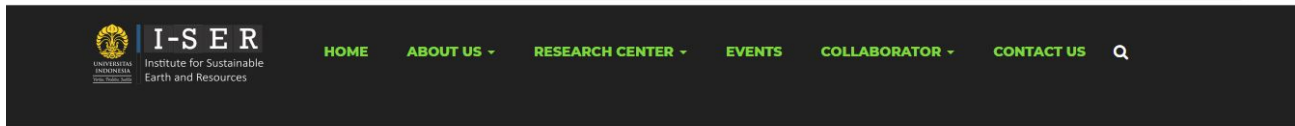


UNIVERSITY OF INDONESIA SUSTAINABILITY REPORT



2018

Some activities to support SDG 13 Climate Change Management



CAIPSDCC, Collaborative Australia-Indonesia Program on Sustainable Development and Climate Change



The Collaborative Australia-Indonesia Program has been developed to reflect both countries' commitments to engage in a strategic and mutually beneficial way, bringing together expertise and coordinating opportunities across the wider University with a focus on sustainable development and climate change. Collaborated with the Griffith Asia Institute, the Program will facilitate high level bilateral dialogues, multidisciplinary research collaborations, higher degree research support and student mobility opportunities with an emphasis on contributing to sustainable development in Indonesia and enhanced knowledge and capacity in responding to the challenges of climate change.

Over the next three years this Program aims to further develop and enhance Griffith's engagement and institutional relationships in Indonesia and will contribute to positive Australia-Indonesia bilateral cooperation. Working in partnership with Indonesian institutions, the Program also aims to provide solutions to the challenges of sustainable development and climate change. Outcomes from the Program will include: Strengthened regional interdisciplinary research expertise and networks on sustainable development and climate change: An increased number of Griffith students from a range of disciplines



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Posted by [Griffith Asia Institute](#) | Published 27 August 2019

Deepening regional cooperation on sustainable development and climate change



A delegation from Griffith Asia Institute traveled to Indonesia from 20-23 August 2019 to participate in the *Dialogue on Deepening Regional Cooperation on Sustainable Development and Climate Change – Future Collaboration*.

This Dialogue is part of a wider *Collaborative Australia-Indonesia Program on Sustainable Development and Climate Change* led by Griffith University in partnership with the Australia-Indonesia Institute, the Office of the Indonesian President's Special Envoy for Climate Change and the University of Indonesia's Institute of Sustainable Earth and Resources.

The formal Dialogue was held the Mandarin Oriental Hotel in Jakarta and included multiple additional events including meetings with the President's Special Envoy for Climate Change from Indonesia, a Sustainable Fiber and Fashion Fashion Show, a visit to the University of Indonesia and a field trip to Makassar with a visit to Universitas Hasanuddin.



Delegation with key Indonesian partners



Caitlin Byrne receives gift from Universitas Hasanuddin



Delegation at the University of Indonesia



Bupati Jarot – Talkshow 2



Coordination meeting with the President's Special Envoy for Climate Change



Brendan Mackey – Talkshow 2

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Regarding the #Indian-Myanmar border issues "China knows that the region is crucial to India's future connectivity into #SEAsia" says @DrianHall. Read the full article in the SMH here [ow.ly/QxpJ50CFmUG](https://www.smh.com.au/news/indonesia/indian-foreign-minister-says-china-knows-that-the-region-is-crucial-to-indias-future-connectivity-into-south-east-asia-20190821-p5311111.html)

Description:

University's sustainability report is published annually (2018 and 2019). The report consists of all efforts by the university in order to achieve all SDGs. This section presents SDG 13 Climate Action report, as part of the annual university's sustainability report. This section also provides some evidence of the university's action to achieve SDG 13. Collaborative Australia-Indonesia Program or CAIPSDCC is a bilateral cooperation between Australia-Indonesia, involving Prof. Rachmat Witoelar (President Special Envoy for Climate Change), Griffith Asia Institute, Faculty of Mathematics and Natural Sciences Universitas Indonesia, and Universitas Hasanuddin, established on 2 November 2018 in Jakarta. The aim of the program is to formulate a solution on sustainable development and climate change, particularly addressing the Paris Agreement on Climate Change.

Evidence Link

1. University's sustainability report 2019 (SDG 13 Climate Change Management)
<http://green.ui.ac.id/sdg-2019/>
2. University's sustainability report 2018
<http://green.ui.ac.id/wp-content/uploads/2019/01/UI-Sustainability-Report-2018.pdf>
3. <https://iser.sci.ui.ac.id/2019/11/01/caipsdcc-collaborative-australia-indonesia-program-on-sustainable-development-and-climate-change/>
4. <https://blogs.griffith.edu.au/asiainsights/deepening-regional-cooperation-on-sustainable-development-and-climate-change/>