

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
[7.4.2] 100% renewable energy pledge



Solar Power Plant On Grid of Library Building



**Solar Power Plant of Engineering Center
Faculty of Engineering**



Solar Power Plant of UI Mosque



**Solar Power Plant of Engineering Park
Faculty of Engineering**



**Solar Power Plant of Floating Building
next to Mahoni Lake**



Solar Power Plant of IFC Building



Micro Hydro Power Plant at Salam Lake



Clean Biomass Faculty of Engineering

The Total of Renewable Energy in Universitas Indonesia Area

NO	UNIT	Renewable Energy					
		Solar Cell		Clean Biomass		Micro Hydro Power	
1	Faculty of Medicine	5,99	Kwp	-	Kw	-	Kw
2	Faculty of Dentistry	-	Kwp	-	Kw	-	Kw
3	Faculty of Natural Sciences	-	Kwp	-	Kw	-	Kw
4	Faculty of Engineering	67	Kwp	5	Kw	1,2	Kw
5	Faculty of Law	-	Kwp	-	Kw	-	Kw
6	Faculty of Economics and Bussiness	-	Kwp	-	Kw	-	Kw
7	Faculty of Humanities	10,00	Kwp	-	Kw	-	Kw
8	Faculty of Psychology	-	Kwp	-	Kw	-	Kw
9	Faculty of Social and Political Sciences	10,32	Kwp	-	Kw	-	Kw
10	Faculty of Public Health	30	Kwp	-	Kw	-	Kw
11	Faculty of Computer Science	5	Kwp	-	Kw	-	Kw
12	Faculty of Nursing	1	Kwp	-	Kw	-	Kw
13	School of Environmental Studies and School for Global and Strategic Studies	-	Kwp	-	Kw	-	Kw
14	Vocational Program	-	Kwp	-	Kw	-	Kw
15	Faculty of Pharmacy	1	Kwp	-	Kw	-	Kw
16	Health Sciences	-	Kwp	-	Kw	-	Kw
17	Faculty of Administration	-	Kwp	-	Kw	-	Kw
18	University Administration Building	187	Kwp	-	Kw	-	Kw
TOTAL		317,31	Kwp	5	Kw	1,2	Kw



Universitas Indonesia Students Pioneered the Utilization of EBT

Description :

Universitas Indonesia has promoted the use of 100% renewable energy to the community. For example, community empowerment in the Biogas Development from the Organic and Livestock Waste Sector, the utilization of Archimedes type of Pycohydro Turbine for electrification in Batu Roto Village, and the biogas from animal waste power plant construction program for the development of Independent Farm Energy. On-campus, Universitas Indonesia asks the faculties to have an installation of Solar Power Plant as an alternative backup source of energy, reducing electricity cost from State Electricity Enterprise, and using it as research material of Universitas Indonesia academics. Energy sources produced by Solar Power Plant will be used for various purposes such as cell phone charging, laptop, etc.

Universitas Indonesia also promotes the use of renewable energy to the public, with Pioneered the Utilization of EBT in Campus made by students from the Chemistry Department of Faculty of Engineering Universitas Indonesia. This was done by developing solar charging outlet technology.

Evidence Link :

1. <http://eng.ui.ac.id/blog/produksi-energi-terbarukan/>
2. <https://dopf.ui.ac.id/sustainability/>
3. <http://www.ee.ui.ac.id/epes/emat/news/read/60/harmoni-iman-dan-energi-terbarukan-di-masjid-universitas-indonesia>
4. <https://trec.eng.ui.ac.id/info/sokong-energi-terbarukan-via-plts-terapung-bifacial/>
5. <https://petrominer.com/mahasiswa-ui-pelopori-pemanfaatan-ebt-di-kampus/>

No.	Program Title	Evidence Link
1.	A Cultural Innovation from a village that does not have the potential to be a subject of tourism, which then become a potential tourism village in Sijuk Village, Sijuk District, Belitung Regency	https://www.airmagz.com/39605/sjuk-heritage-belitung-jadi-model-pengembangan-desa-wisata-multikultural.html
2.	The application of Digital-Based Technology to the Royal Chariot Collection of Mangkunegaran Museum	https://www.antaraneews.com/berita/1163191/ui-kembangkan-digitalisasi-museum-puro-mangkunegaran-surakarta
3.	Community empowerment in the Biogas Development from Organic and Livestock Waste Sector	https://scholar.ui.ac.id/en/activities/pembudayaan-masyarakat-di-bidang-lingkungan-pengembangan-biogas-
4.	The application of garment factory waste utilization technology that supports Situ Pedongkelan Tourism, Depok City	https://scholar.ui.ac.id/en/activities/aplikasi-teknologi-pemanfaatan-limbah-pabrik-garmen-menunjang-wis
5.	The development of Minatransporter in the living fish transportation system as an effort to overcome fish distribution problems in Sumur District, Banten, to Support the Development of Minapolitan Areas	https://edukasi.kompas.com/read/2019/08/06/21453771/jaga-kesegaran-ikan-tim-pengmas-fmipa-ui-kembangkan-minatransporter?page=all
6.	The utilization of Geographical Information System (SIG) and PJ Technology with participatory methods for the Detailed Thematic Maps compilation in Kalibaru Village, Cilincing District, North Jakarta	https://radardepok.com/2019/11/fmipa-ui-bersama-petugas-dasawisma-kelurahan-kalibaru-lakukan-pemetaan-partisipatif-dengan-memanfaatkan-teknologi-sig/
7.	The application of Geographical Information System (SIG) Technology for monitoring natural disaster in Cisolok Village, Cisolok District, Sukabumi Regency, West Java	https://radarsukabumi.com/berita-utama/ui-kenalkan-atsig-di-cisolok/
8.	The implementation of the EWAS V2.0 Earthquake Detector Tool in Sembalun Bumbung Village, Sembalun District, East Lombok Regency, West Nusa Tenggara Province	https://www.pikiran-rakyat.com/teknologi/pr-01318440/ahli-geofisika-universitاس-indonesia-ciptakan-alat-pendeteksi-gempa
9.	The development of Ecotourism and Micro, Small, Middle Business (UMKM) that is based on New and Renewable Energy Technology to improve the welfare of the residents of Bungin Fisherman Village, Bekasi	https://scholar.ui.ac.id/en/activities/pengembangan-ekowisata-dan-umkm-berbasis-teknologi-energi-baru-te
10.	The introduction of Product Packaging Technology for home industries	https://www.antaraneews.com/berita/980136/ui-perkenalkan-teknologi-kemasan-produk-industri-rumahan
11.	The utilization of Archimedes type of Pycohydro Turbine for electrification in Batu Roto Village	https://www.kataindonesia.com/wujudkan-desa-mandiri-listrik-ui-hadirkan-pembangkit-listriktenaga-piko-hidro-pltph-di-batu-roto-bengkulu-utara/

12	The utilization of Degasser Tablet as an effort to increase the production results of aluminum castings in Metal Casting Centers in Cibatu Village, Cisaat District, Sukabumi	https://www.sukabuminews.net/2019/07/dtmm-ft-ui-berikan-pelatihan-pengecoran.html
13.	The biogas from animal waste power plant construction program for the development of Independet Farm Energy	http://koranprogresif.co.id/dari-ui-untuk-negeri-dari-limbah-jadi-sumber-energi-bertilimpah-2/
14.	The utilization of heritage city's public spaces through the provision of drinking water facilities (Drinking Fountains) as educational facilities for a healthy environment to support tourism in Muntok, West Bangka	https://scholar.ui.ac.id/en/activities/pemanfaatan-ruang-publik-kota-pusaka-melalui-penyediaan-fasilitas
15.	Strengthening the Banyu Biru Lebak Bahari Village as a tourism destination in the context of community empowerment by implementing the BlueMetric Program as an indicator for water quality assessment and as an effort to prevent aquatic ecosystems damage	https://www.antaraneews.com/berita/1019430/ui-kenalkan-bluemetric-untuk-pengukuran-kualitas-laut-indonesia
16.	The planning of Street Furniture for Ragunan Wildlife Park	https://www.kompasiana.com/yulialukito/5dde05e1df66a7200d4fc432/kolaborasi-dalam-merancang-stan-taman-margasatwa-ragunan-untuk-pameran-flona-2019?page=all