



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

[17.3.7] Publication of SDG 7 Affordable and Clean Energy reports

University's sustainability report 2018

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



2018

University's sustainability report 2019 (SDG 7: Affordable and Clean Energy)
<http://green.ui.ac.id/sdg-2019/>



26 Universitas Indonesia Sustainable Development Goals 2019



SDG 7 Energi Bersih dan Terjangkau

Affordable and clean energy

Green Roof

Green Roof

Salah satu upaya penggunaan energi bersih dan terjangkau ialah melalui pembuatan green roof. Sistem ini memiliki banyak manfaat, di antaranya untuk menyerap panas matahari sehingga ruangan menjadi lebih sejuk, mengurangi polusi udara dan emisi rumah kaca, serta sebagai produsen oksigen meski dalam jumlah yang tidak terlalu signifikan. Selain manfaat sosial juga, keberadaan green roof juga menjadi pesona yang ikonik dan memanjakan mata.

Green roof uses clean and affordable energy. It absorbs the sun's heat and blocks it from entering the room which makes the room feel cooler. It also reduces air pollution and greenhouse effect. Not only does it produce oxygen, although not in a significant amount, but the existence of a green roof is also iconic and pampering.



Green Roof Perpustakaan Pusat Universitas Indonesia
 Green Roof of the Central Library of Universitas Indonesia

Penerapan Sistem Pencahayaan LED LED Lighting System

Sekelompok bangunan di UI telah dibekali dengan pemenuhan prinsip penghematan energi. Salah satu contoh implementasi hal ini adalah penggunaan semua unit lampu yang terpasang menjadi Light Emitting Diode (LED). Selain hemat energi, lampu LED juga tahan lama, lebih aman, dan lebih ramah terhadap lingkungan.

A number of UI buildings have replaced their light bulbs with energy-saving Light Emitting Diodes (LEDs). Utilizing LED lighting system has its advantages. Not only does it save energy, but it's also durable, safe, and environmentally-friendly.



Sistem Pencahayaan LED di Gedung Perpustakaan UI
LED Lighting System at UI Library

Penerapan Sistem Pencahayaan Sensor Gerak LED Lighting System

Ruang-ruang dengan intensitas penggunaan yang cukup tinggi di UI disediakan agar lebih efisien. Salah satunya salah selasar Gedung Pusat Administrasi Universitas yang sistem pencahayaannya menggunakan LED dengan sensor gerak. Dengan sistem ini, apabila tidak terdeteksi aktivitas di dalam suatu area, maka lampu-lampu yang ada di area tersebut akan padam.

Lighting in rooms with low intensity of use is now made more efficient. University Administration Center hallway's lighting system, for example, currently uses automatic motion sensor LED lights that will only light up whenever a movement or activity is detected. The lights will automatically turn off whenever inactivities occur.



Sistem Pencahayaan LED Sensor Gerak di Gedung Pusat Administrasi UI
Motion Sensor LED Lighting System at the University Administration Center

Proses Evaluasi dan Identifikasi Penggunaan Energi Evaluating and Identifying Energy Use

Untuk semakin mengidentifikasi serta mengoptimalkan penggunaan energi, UI memiliki sistem pengelolaan yang didukung oleh tim teknis dan managemen yang terampil. Sistem berbasis online ini dapat melakukan monitoring penggunaan energi dan sustainabilitasnya. Sistem ini dapat diakses melalui smengr.ui.ac.id/ems.

To make energy use more efficient and effective, UI has a management system supported by technical talents of each faculty. This online-based system, which is accessible through smengr.ui.ac.id/ems, can monitor energy use and its sustainability.

Setelah informasi pemakaian energi terutama listrik bisa didapatkan dengan lebih terarah, integrasi yang terpasang dalam situs terapan operasional langsung oleh modern yang telah terpasang di setiap gedung listrik di UI. Sistem ini memuat pemakaian energi listrik setiap gedung dan akan memberikan notifikasi peringatan apabila ada indikasi pemakaian yang melebihi batas tetapan.

All information on energy usage, especially electricity, is obtainable through online EMS. The integrations presented on the site are installed directly through installed meters at every electrical installation in UI. This system informs the electrical energy usage in each faculty and will provide a warning notification whenever energy use has exceeded the limit.



Situs Monitoring Pemakaian Energi Listrik
Electrical Energy Usage Monitoring Site

Energi dan Komunitas Lokal Energy and Local Communities

UI memiliki program yang melibatkan komunitas-komunitas masyarakat terkait lokalitas dan edukasi pentingnya penghematan energi dan penggunaan energi yang bersih.

UI has a program involving social communities to start energy-saving and clean energy campaign.

Penggunaan Energi Alternatif

Sejak 2005, UI mendampingi masyarakat di Desa Gasing, Kecamatan Pengasin, Gunung Kidul, Yogyakarta, dalam pemenuhan kebutuhan alam dan geografis untuk mendapatkan tenaga listrik melalui tenaga surya sebagai sumber energi. Energi yang dihasilkan oleh panel matahari dan kipas angin ini melalui kipas yang dipasok menjadi sumber energi listrik untuk selanjutnya disimpan di sejumlah aki dan masuk ke instalasi listrik sebelum disalurkan ke rumah-rumah warga. Generator listrik di Gasing mampu menghasilkan 3.000 Watt yang bisa melayani 5-20 rumah.

Alternative Energy Use

Since 2005, UI has been assisting the Gasing Village community in Pengasin District, Gunung Kidul, Yogyakarta, in making use of nature and geographical conditions, sunrays and wind, as the source of energy. The energy produced by solar heat and wind turns the wheel which then produces electrical energy. This energy is then stored in a number of batteries and electricity installations before being distributed to resident homes. The power generator in Gasing is capable of producing 3,000 Watts and provides electricity supply for 5-20 houses.

Promosi, Petisi, Pertemuan, dan Diskusi Penggunaan Energi Terbarukan

UI di antaranya melalui Fakultas Teknik aktif melakukan promosi dan diskusi terkait penggunaan energi terbarukan.

Promotions, Petitions, Meetings and Discussions on the Use of Renewable Energy

UI Faculty of Engineering has actively conduct promoters and discussions related to the use of renewable energy.

UI juga memiliki pusat-pusat kajian dan penelitian terkait energi seperti Sustainable Energy Systems and Policy Research Cluster UI (SESP-UI) atau Tropical Renewable Energy Center (TREC) Faculty of Engineering UI. Lembaga-lembaga ini secara aktif melakukan pengkajian, penelitian, publikasi, dan kampanye terkait penggunaan energi terbarukan.

UI also has study and research centers related to energy, such as UI Sustainable Energy Systems and Policy Research Cluster (SESP-UI) or the Tropical Renewable Energy Center (TREC) of UI Faculty of Engineering. These institutions are actively conducting studies, research, publications and campaigns related to the use of renewable energy.

Kolaborasi dengan Industri

Pada November 2019 UI menandatangani kesepakatan kerja sama (MOU) dengan PT PLN (Persero) terkait penelitian bersama joint research tentang energi dan sektor lain yang meliputi, transmisi, distribusi, bisnis, korporat, dan warga.

collaboration with industries

In November 2019, UI signed a cooperation agreement (MOU) with PT PLN (Persero) related to joint research on energy and electricity which includes transmission, distribution, business, corporate, and commerce.



UI Launches Healthy Campus and Community Program

Browser tabs: (7) What's, Daftar Ke, THE Impi, DATA YA, Contoh E, Evidence, Our Offe, (3,691 ui, 170 Mah, UI Luncu

URL: ui.ac.id/ui-luncurkan-program-komunitas-dan-kampus-sehat/

Navigation: in, f, t, Select Language, Kuliah di UI, Media, Agenda Universitas, Akses Cepat

UNIVERSITAS INDONESIA
Virtus, Probitas, Scientia

Beranda, Tentang UI, Penelitian & Inovasi, Akademik, Penerimaan, Mahasiswa, Hubungi Kami

UI Luncurkan Program Komunitas dan Kampus Sehat

Oleh Wanda Ayu, Tanggal Jumat, Oktober 04 th, 2019, no Comments, Berita

UI meluncurkan komunitas dan kampus sehat pada Jumat (4/10) di Gedung IMERI, kampus UI Salemba.

Dengan program ini, UI kini menjadi kampus percontohan untuk mengkampanyekan gaya hidup sehat serta menggiatkan Promosi Kesehatan dan Penyakit Tidak Menular (PTM) di tengah-tengah mahasiswa dan masyarakat.

Artikel Terbaru

- UI Dinobatkan Kemennristek/BRIN sebagai Institusi Terproduktif Hasilkan Kekayaan Intelektual Berkualitas se-Indonesia
- UI-Jam Edu Networks Tandatangani Kerja Sama dalam Bidang Pelatihan Daring
- FIA UI Mencari Dekan Baru
- FKM UI – PDGMI Kolaborasi Gelar Seminar Internasional Penurunan Stunting di Indonesia
- FIA UI Gelar Seminar Netralitas ASN pada Pilkada Serentak 2020

ISI SR UI 2019 (low...pdf), ISI SR UI 2019 (low...pdf)

Tampilkan semua

Windows taskbar: Search, 4:56 PM, 11/20/2020

UI Public Service Team Invite Public to Pay Power Bills from Waste Management

Browser tabs: WhatsApp, SDGs 7 - G, SDGs 7.xls, THE Impact, DATA YAN, [15.4.1] Wa, Evidence 1, 2 New mes, UI ajak mas

URL: antaranews.com/berita/980046/ui-ajak-masyarakat-bayar-token-listrik-dari-kelola-sampah

TOP NEWS | TERKINI | TENTANG KAMI

ANTARANEWS.com

Minggu, 22 November 2020

HOME POLITIK HUKUM EKONOMI METRO SEPAKBOLA OLARAGRA HUMANIORA LIFESTYLE HIBURAN NUSANTARA DUNIA ENGLISH

FOKUS INFOGRAFIK FOTO VIDEO TEKNO OTOMOTIF WARTA BUMI KARKHAS ANTI HOAX ANTARA INTERAKTIF RAMADHAN RILIS PERS INDEKS

FIND LOVE FOR YOUNG AT HEART DateMyAge only for 35+

UI ajak masyarakat bayar token listrik dari kelola sampah

© Minggu, 28 Juli 2019 07:27 WIB

Windows taskbar: Search, 1:44 PM, 11/22/2020



GOWES, The Revitalization of Spekun UI

The screenshot displays a web browser window with the URL ui.ac.id/gowes-perwujudan-revitalisasi-spekun-ui/. The page features the Universitas Indonesia logo and navigation menu. The main content area shows the article title "GOWES, Perwujudan Revitalisasi Spekun UI" and a sub-header "Berita". The article text includes the following information:

- Oleh Wanda Ayu, Tanggal Jumat, November 01 st, 2019, no Comments
- Start-up penyedia layanan sistem bike-sharing, GOWES, bekerja sama dengan Universitas Indonesia (UI) untuk merevitalisasi Sepeda Kuning UI (Spekun UI) yang diresmikan dalam acara "Peluncuran Layanan GOWES" pada Selasa, (3/10/2019).
- Peresmian GOWES yang diadakan di Ruang Apung Perpustakaan Universitas Indonesia, Depok, ini turut mengundang perusahaan Telkomsel dan Transjakarta serta Kepala Dinas Perhubungan Kota Depok.

A photograph shows several individuals at a launch ceremony with a banner that reads "GOWES Launching Ceremony REVITALISASI SPEKUN UI 2019".

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 the report of the seventh point of the SDGs, Affordable and Clean Energy, as part of the annual university's sustainability report.

This section also provides some evidence of the university's action to achieve SDG 7. With this program, Universitas Indonesia can be the exemplary campus that campaigns a healthy lifestyle as well as mainstreaming Health and Non-communicable Diseases Promotion for students and the public. Also to support the implementation of this program, Universitas Indonesia holds a collaboration with GOWES, a start-up company that provides the bike-sharing service, to revitalize *Sepeda Kuning* (Yellow Bike) UI which was inaugurated at the "Launching of GOWES Service" event. GOWES, as a transportation service provider, claims that their technology-based service prioritizes healthy environment by not producing sound and air pollution, as explained by Iwan Suryaputra, the Director of PT Surya Teknologi Perkasa.

The Director of PT Surya Teknologi Perkasa has launched three GOWES products, which are bicycle, electric bicycle, and electronic scooter. These products aim that the public can utilize public transportation and its support system provided to decrease traffic jam and pollution.

In other occasions, the Public Service Team of Faculty of Mathematics and Natural Science (Fakultas Matematika dan Ilmu Pengetahuan Alam/FMIPA) UI invite the residents of Sarimukti Village, Garut, to manage their wastes to be given to the Buruken Waste Bank or Bumi Rumtah Power Token. This program aims to raise the awareness of the residents of Sarimukti Village to manage their waste and waste management itself to be a sustainable event.

Evidence Link :

1. University's sustainability report 2018: <http://green.ui.ac.id/wp-content/uploads/2019/01/UI-Sustainability-Report-2018.pdf>
2. University's sustainability report 2019: <http://green.ui.ac.id/sdg-2019/>
3. <https://www.ui.ac.id/ui-luncurkan-program-komunitas-dan-kampus-sehat/>
4. <https://www.ui.ac.id/gowes-perwujudan-revitalisasi-spekun-ui/>
5. <https://www.antaraneews.com/berita/980046/ui-ajak-masyarakat-bayar-token-listrik-dari-kelola-sampah>