



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

[17.3.11] Publication of SDG 11 Sustainable Cities and Communities 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 11: Sustainable Cities and Communities)

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



34 Universitas Indonesia Sustainable Development Goals 2019

SDG 11

Kota dan Komunitas yang Berkelanjutan

Sustainable Cities and Communities



Pelestarian Warisan Budaya, Museum, dan Perpustakaan

Preservation of cultural Heritage, Museums and Libraries

Genes Perpustakaan UI dan fasilitas yang ada di dalamnya dapat diakses dan dimanfaatkan secara universal oleh seluruh warga UI maupun warga umum tanpa kecuali.

- Ruang koleksi Perpustakaan UI sebanyak 4 lantai dari total 5 lantai dapat diakses oleh warga UI maupun warga umum.
- Fasilitas baca di tempat koleksi Perpustakaan UI dapat dimanfaatkan dengan waktu layanan Senin-Jumat pukul 08.00-18.00 dan Sabtu pukul 08.00-18.00.
- Fasilitas daring (online) untuk pemecahan informasi koleksi Perpustakaan UI dapat diakses melalui situs lib.ui.ac.id dan umbaran file dapat diakses oleh warga UI.
- UI juga berkolaborasi dengan lembaga dan individu buku yang diharapkan bisa memberikan masukan untuk menambah koleksi buku dan naskah.

UI Library and its facilities can be publicly accessed and utilized by both UI residents and non-residents with no exceptions.

- Out of a total of 5, 4 floors of the UI Library collection can be accessed by UI residents and the general public.
- The library is open between Monday and Friday, from 8 a.m to 7 p.m, and Saturdays from 8 a.m to 4 p.m.
- UI Library books collection can be accessed through lib.ui.ac.id site, while file downloads can only be accessed by UI members.
- UI Library is also open to suggestions of additional books and manuscripts.





Tampilan Katalog Online
Image Display of the Online Catalog

Petunjuk penggunaan akses publik secara daring
Direction of Use for Online Public Access using
Computer



Petunjuk penggunaan akses publik secara
daring melalui fasilitas mesin ATM
Direction of Use for Online Public Access using
ATM Machine

Bangunan Bersejarah

UI memiliki bangunan bersejarah yang telah ditetapkan sebagai salah satu bangunan sagar budaya di DKI Jakarta, yaitu Gedung Fakultas Kedokteran UI (FKUI). Bangunan bersejarah Eropa ini didirikan pada 1918-1920. Gedung FKUI semula berfungsi sebagai Sekolah Tinggi Kedokteran, pengabdian STOVA, Gedung in tenak di J. Saemba Raya No. 6, dan Gedung Mikrobiologi di J. Pegangsaan Timur no. 16.

Historical building

UI has a historic building that has been designated as one of DKI Jakarta's cultural heritage buildings, i.e., UI Medical Faculty Building (FKUI). This European architecture building was founded in 1918-1920. The FKUI building was originally a Medical College, a hospital for STOVA. This building is located on J. Saemba Raya No. 6, and the Microbiology Building on J. Pegangsaan Timur No. 16.

Anggaran untuk Bangunan Bersejarah

UI berkomitmen untuk melindungi dan menjaga warisan budaya berbentuk bangunan bersejarah. Setiap tahunnya, melalui Direktorat Pengelolaan dan Pemeliharaan Fasilitas, UI mengalokasikan anggaran sebesar Rp13 miliar untuk pemeliharaan fasilitas termasuk bangunan bersejarah.

Budget for Historical Buildings

Every year, UI has a commitment to protect and create historical buildings as a cultural heritage. Through the Directorate of Facility Management and Maintenance, UI issues a budget of Rp. 13 billion for maintenance, including for historical buildings' maintenance.

Indonesia Museum of Health and Medicine (Museum) IMERI FKUI

UI memiliki Indonesia Museum of Health and Medicine (Museum) IMERI FKUI. Museum yang dirikan pada 14 September 2017 ini terbuka untuk umum. Museum IMERI FKUI ini hanya mengulas sejarah pendidikan kedokteran di Indonesia, tetapi juga memberikan informasi dan edukasi kepada masyarakat tentang kesehatan dan ilmu kedokteran yang diulas melalui tema siklus hidup manusia sejak dalam kandungan hingga lanjut.

Indonesia Museum of Health and Medicine (Museum) IMERI FKUI

IMERI FKUI Indonesia Museum of Health and Medicine (Museum), which was inaugurated on September 14, 2017, is open to the public. The IMERI FKUI Museum not only reviews the history of medical education in Indonesia, but also provides information and education to the public about health and medical science through the theme of human life cycle, beginning from the prenatal stage in the womb to the elderly stage.

Museum IMERI FKUI menyimpan lebih dari 5.000 koleksi, baik berupa spesimen kebotanan maupun benda-benda peninggalan berupa alat bantu pendidikan kedokteran, video, media sektori, dan foto-foto bersejarah.

The IMERI FKUI Museum has more than 5,000 collections, both of medical specimens and relics (medical education aids, videos, media directories, and historic photographs).

Museum IMERI FKUI juga memiliki fasilitas 3D Human Body Visualization Table yang dapat digunakan sebagai media belajar terkini.

IMERI FKUI Museum also has the latest learning media, a 3D Human Body Visualization Table.



Museum Imeri FK UI
IMERI FKUI Museum

Dukungan untuk Aktivitas Seni

LI memiliki Makara Art Center (MAC) yang memiliki kegiatan seni, baik yang bersifat nasional maupun internasional. Seluruh kegiatan seni yang dihosting tersebut untuk umum. Anggaran dana untuk kegiatan seni bersifat nasional sebesar Rp20 juta, sementara untuk seni internasional sebesar Rp50 juta. Untuk mendukung keberagaman anggangan, pemusatan spesies melalui peragaan seni.

Kegiatan Seni Bertaraf Nasional

MAC menggelar kegiatan kerja sama dengan kelompok-kelompok seni, komunitas-komunitas seni, dan individu-individu seniman dari luar kampus dan dari dalam lingkungan kampus. Hingga saat ini MAC telah menggelar kegiatan kerja sama antara lain dengan Mahadewa, Dewi Dharmawan, Sima Chandra, Mardiana Ningsih, Erwin Gutawa (musik), Theater Mandiri, Kelompok Sandiwara Misi 7341, Darah Rouge, Theater Sutra Theater, Holiday LPD (teater), Aj Theater, Numa Harta Winata (komedi), Ninik L. Hartem, Lalya Fania, Widnu S.P. (film), Gunawan Wicaksono (photographer), dan lain-lain. MAC juga bekerja sama dengan Direktorat Jenderal Kebudayaan RI untuk menampilkan di MAC karya-karya pemenang pertunjukan seni yang mereka selenggarakan.

Kegiatan Seni Bertaraf Internasional

Kegiatan ini diselenggarakan lintas kerja sama dengan lembaga-lembaga besar negara sahabat, pusat-pusat kebudayaan asing, atau individu-individu seniman internasional. Hingga saat ini MAC telah bekerja sama di antaranya dengan Museum Besar Spanyol, Amerika Serikat, Australia, Perancis, Belanda, Meksiko, dan Italia.

**Praktik Berkelanjutan
Sustainable Practice**

Penyelenggaraan Transportasi Berkelanjutan

Dalam menyelenggarakan pelayanan transportasi, LI berorientasi penting untuk mengurangi angka penggunaan transportasi pribadi dan mengutamakan jejalan kaki atau moda transportasi yang ramah lingkungan. Sejumlah inisiatif LI dalam pengelolaan transportasi dapat dilihat sebagai berikut.

Layanan Antar-jemput

LI memiliki fasilitas layanan transportasi di dalam lingkungan kampus berupa bus yang di antaranya merupakan bus ramah lingkungan. Pada 2019 bus yang beroperasi berjumlah 13 bus, meningkat dari 2018 yang berjumlah 15 bus. Bus-bus tersebut secara rutin melayani rute di dalam kampus mulai pukul 07.00 hingga pukul 21.00.

Support for Art Activities

LI Makara Art Center (MAC) was established to support both national and international art activities. Anyone can participate. The national event's budget reaches IDR. 30 million, while the international event reaches IDR. 50 million. To cover budget shortfalls, the rest is taken from ticket sales.

National Standard Arts Events

MAC holds collaborative events with art groups, art communities, and individual artists from both outside and within the campus. Up to now MAC has made these collaborations: Mahadewa, Dewi Dharmawan, Sima Chandra, Mardiana Ningsih, Erwin Gutawa (music), Theater Mandiri, Holiday LPD (painting), Aj Theater, Numa Harta Winata (comedy), Ninik L. Hartem, Lalya Fania, Widnu SP (film), Gunawan Wicaksono (photographer), and others. MAC also works closely with the Directorate General of Culture of the Republic of Indonesia to display the works of the art competition winners they are proud of on MAC.

International Standard Art Events

These events are held in collaboration with embassies of other countries, foreign cultural centers, or individual international artists. MAC has already collaborated with the embassies of Spain, the United States, Australia, France, the Netherlands, Mexico and Italy.

Organization of Sustainable Transportation

To organize transportation management, LI attempts to reduce the number of private transportation use and promote pedestrians or environmentally-friendly modes of transportation.

These are some of the initiatives:

Shuttle service

LI owns environmentally-friendly buses within the campus. In 2019, there are 13 buses in operation, down from 2018 in which there were 15 buses. The buses routinely operate within the campus from 7 a.m. until 9 p.m.

Zero Emission Vehicle

LI menyediakan layanan transportasi ramah lingkungan, LI juga menyediakan moda transportasi bebas emisi (Zero Emission Vehicle) berupa sepeda dan sepeda.

1) Sepeda

Sepeda atau di LI disebut "Sepeda Kuning" beserta infrastruktur berupa jalur khusus sepeda telah dipopulerkan sejak 2009. Sepeda-sepeda ini bisa digunakan oleh seluruh warga kampus di mana para pengguna dapat meminjam dan mengembalikan sepeda di tempat-tempat khusus.

2) Skuter Listrik

Salah satu inisiatif terbaru LI pada 2019 ialah penyediaan sarana transportasi bebas emisi berupa skuter listrik. Pengiriman skuter ini bekerja sama dengan pihak ketiga, Grab Indonesia, dan diberi nama Skuter Listrik Grab Wheels.

Pada 2019, jumlah jumlah kendaraan bebas emisi yang dimiliki di kawasan LI, baik sepeda milik LI maupun sepeda milik pribadi, berjumlah 544 unit.

Inisiatif Pembatasan Kendaraan Pribadi dan Pengurangan Area Parkir

LI telah menerapkan pengurangan area parkir kendaraan bermotor di hampir seluruh area yang ada, termasuk di fakultas-fakultas. Pengurangan area parkir kendaraan bermotor dilakukan dengan membatalkan besaran rasio luas area parkir terhadap luas area sekecil kesetiaan yang harus menunjukkan angka yang lebih kecil.

Pengurangan area parkir ini dikaji oleh pembatasan kendaraan yang dapat memasuki area parkir. Di sejumlah fakultas, secara resmi terdapat peraturan yang membatasi kendaraan-kendaraan, hanya kendaraan tertentu seperti kendaraan operasional, kendaraan pimpinan fakultas, tamu, dan staf pengajar yang diperbolehkan memasuki area parkir.

Dukungan Terhadap Jejalan Kaki

Seiring dengan munculnya kebijakan pembatasan penggunaan kendaraan pribadi dan pengurangan area parkir, LI semakin mengoptimalkan infrastruktur yang mengutamakan para jejalan kaki, termasuk bagi para disabilitas.

Infrastruktur-infrastruktur penting terkait hal ini di antaranya ialah penyediaan jalur jejalan kaki atau pedestrian yang juga dilengkapi dengan atap dan lampu sensor gerak dan jalur khusus bag disabilitas. Infrastruktur-infrastruktur ini tersedia di hampir seluruh fakultas yang ada di LI.

Zero Emission Vehicle

To ensure environmentally friendly transportation services, LI also provides emission-free modes of transportation (Zero Emission Vehicle), such as bicycles and e-scooters.

1) Bicycles

Bicycles, also called "yellow bicycles" in LI, and their special lane, have been operated since 2009. These bikes are used for free by all campus residents. The bicycles can be obtained and returned in their special places.

2) Electric Scooters

One of LI's latest initiatives in 2019 is the provision of emission-free transportation, electric scooters. The scooter was operated in collaboration with a third party, Grab Indonesia, and therefore, named Grab Wheels Electric Scooter.

In 2019, the number of emission-free transportation in LI, 544 units, are both owned by LI and privately-owned enterprises.

Private Vehicle Restrictions and Parking Area Reduction Initiatives

LI has reduced motor-vehicle parking areas within almost the whole campus, including within the faculties. The magnitude of the parking area ratio to the whole outside area must show a small number.

Several faculties have also officially issued regulations to restrict vehicles to their parking area. Only operational vehicles, vehicles of the faculty head, guests, and teaching staff can enter the parking area.

Support for Pedestrians

Besides private vehicle restriction and the parking area reduction policies, LI has also prioritized an optimized infrastructure for pedestrians, including those with disabilities.

The pedestrian paths are equipped with roofs and motion sensor light. There are also special pathways for the disabled. These infrastructures are available in almost all faculties in LI.



Dukungan bagi pejalan kaki dengan terdapatnya jalan untuk orang berkebutuhan khusus. Redaction path for people with special needs.



Dukungan bagi pejalan kaki dengan terdapatnya teras dengan atap. Pedestrian path equipped with a roof.



Atap jalan dilengkapi dengan lampu dan sensor gerak yang akan menyala jika ada orang yang lewat. Pedestrian roof equipped with motion sensor lights which will turn on whenever a pedestrian passes by.



Facilitas untuk pejalan kaki yang bersih, nyaman, aman dan asri. Clean, comfortable, safe and beautiful pedestrian path.

Penyediaan Tempat Tinggal untuk Pegawai dan Mahasiswa

- Akademik mahasiswa:
 - 13 tower
 - 1.428 kamar
 - 1.745 penghuni

- Student Dormitory:
 - 13 towers
 - 1.428 rooms
 - 1.745 occupants

Kerja Sama dengan Pemerintah Terkait Perencanaan dan Lingkungan Kampus
cooperation with the Government Related to campus and Environment Planning

- 1 Kerja sama teknologi Biopori dengan Pemerintah Provinsi DKI Jakarta. Pemukiman biopori topografi di Arahmala II, Lumbang ini berfungsi meningkatkan daya serap tanah dengan memperbaiki bidang resapan.
- 2 Biopori technology collaboration with the Provincial Government of DKI Jakarta. Mating biopori looks at U Campus. The purpose is to increase soil absorption through absorption area expansion.

- 1 Kerja sama penyediaan angkutan publik di kawasan UI dengan Perusahaan Pemerintah DKI Jakarta. Upaya mengatasi keterbatasan akses bagi orang berkebutuhan khusus (usia lanjut, disabilitas, dan cacat). Melakukan perubahan mode bus dari high deck ke lower deck. Kerja sama ini juga melibatkan bagian dari komitmen penggunaan transportasi berbahan bakar nonfosil.
- 2 Kerja sama pembuatan Teras Danau dengan Pemerintah Kota Depok. Revitalisasi Danau Kampus UI sebagai upaya mengurangi banjir dan penampungan air.
- 3 Kerja sama Pengelolaan Sampah. Kerja sama dengan Pemerintah Kota Depok dalam pengelolaan Lint. Pengelolaan Sampah (LPG) di Kampus UI.
- 4 Public transportation provision in UI area collaboration with the DKI Jakarta Government company. UI has made attempts to overcome limited access for people with special needs (old age, migrant women, and disabilities) by changing the bus mode from high deck to lower deck. This is also part of UI's commitment to use nonfossil-based transportation.
- 5 Making Lake Plaster collaboration with the Depok City Government. UI Campus Lake Revitalization is an attempt to reduce flooding and retention water storage.
- 6 Waste Management collaboration. UI collaborates with the Depok City Government in terms of the Waste Management Unit (LPG) at UI Campus.

Pembangunan dan Perencanaan Bangunan yang Berkelanjutan
Sustainable Building Development and Planning

LED-sasi di Seluruh Lingkungan Kampus

Penggunaan lampu penerangan, baik itu lampu penerangan jalan gedung, jalan, halte bus, dan taman, dan taman fasilitas lainnya, dan lampu penerangan konvensional menjadi lampu LED, menjadi salah satu langkah yang ditempuh UI untuk melakukan penghematan energi sebagai upaya perencanaan pembangunan yang berkelanjutan. Program ini disebut dengan LED-sasi.

Dampak langsung dari LED-sasi ini ialah menurunnya konsumsi energi listrik dari sistem tata cahaya. Bila pada awalnya satu ruangan kerja berukuran 15 x 15 m membutuhkan sistem tata cahaya lampu konvensional sebanyak 720 Watt per jam, setelah lampu penerangan diganti LED hanya menjadi sekitar 208 Watt per jam. Sementara dalam sistem penerangan jalan kampus, ini juga dapat lampu tipe DON HT yang mengonsumsi energi listrik 250 Watt per titik, setelah diganti menjadi lampu LED hanya mengonsumsi energi listrik 125 Watt per titik atau turun hingga 50 persen.

Using LED throughout campus

Conventional to LED lighting replacement, in buildings, roads, bus stops, parks, and several other facilities, is one of the steps taken by UI to save energy. This program is called LED-sasi. It impacts directly to the reduction in electricity consumption.

At first a 15 x 15 m workspace requires a 720-Watt-per-hour conventional lighting system, but after using LED, it only requires around 208 Watts per hour. The campus street lighting which used DON HT type lamps had consumed 250 Watt of electricity per spot, but after being replaced with LED lights, it only required 125 Watt of electricity per spot, significantly reduced by 50 percent.

Implementasi Smart Building

Langkah lain untuk mewujudkan kampus berkelanjutan ialah dengan implementasi smart building di lingkungan UI. Kebijakan smart building ini berdimensi dalam kebijakan pembangunan maupun renovasi, yang memperhatikan konsep hijau dan hemat energi.

Salah satu contoh penerapan insiatif ini ada di Fakultas Teknik UI (FTUI), yang juga telah mengantongi sertifikat ISO 14001:2015 mengenai Sistem Manajemen Lingkungan.

Smart Building Implementation

Another step to realize an energy-efficient campus is by implementing smart building in the UI environment. This smart building policy is reflected in the development and renovation policies, which pay attention to the concept of green and energy saving.


One example of the initiative application lies in Faculty of Engineering UI (FTUI), which also has an ISO 14001:2015 certificate regarding the Environmental Management System.

Sebagai wujudnya, smart building di UI menerapkan sistem perencanaan awal pada Gedung Engineering Center dan Gedung Perencanaan FTUI. Selain itu, untuk meminimalkan penggunaan penyejuk nang (AC), diterapkan pula sistem ventilasi udara alam dan penerapan sistem pemanasan dan AC yang di-setting secara otomatis dan menyesuaikan jadwal perkuliahan.


UI Smart building applies a natural lighting system at the Engineering Center and the FTUI Perencanaan Buildings. To minimize the use of air conditioner (AC), a natural air ventilation system is applied. Lighting and air conditioning systems are also automatically adjusted to lecture schedules.

Penggunaan sistem tata cahaya otomatis ini diterapkan dengan penggunaan lampu LED otomatis sensor gerak yang hanya akan menyala bila terdeteksi ada gerakan atau aktivitas di suatu ruangan/area. Saat tidak ada aktivitas atau orang di sekitarnya, maka lampu tersebut akan otomatis padam. Selain menggunakan lampu sensor gerak, hal lain yang juga dilakukan ialah penempatan tombol sakelar lampu yang disediakan dalam jarak pencapaian tangan pada saat memencolok atau menutup pintu. Langkah ini bermaksud menekan penggunaan energi listrik.


This automatic lighting system uses automatic motion sensor LED lights that will only light up whenever a movement or activity is detected in a room/area. The lights will automatically turn off after no more activity is detected. The light switch is also placed within hand-reach near the door. This has successfully suppressed electrical energy use.



CERTIFICATE




This is to certify that



FAKULTAS TEKNIK UNIVERSITAS INDONESIA

INDONESIA

Kampus UI,
16122 Depok,
KORPRIKOR.



New implemented and maintains an **Environmental Management System**

Scope:
Professor Academic Laboratory for Research and Learning Activities in Electrical Engineering, Civil Engineering, Mechanical Engineering, Metallurgy & Materials Engineering, Chemical Engineering, Industrial Engineering and Architecture Departments.

Through an audit, assessment or a report, it was verified that the management system fulfills the requirements of the following standard:



ISO 14001 : 2015

Certificate registration no: 3074682-18015

Valid from: 2017-03-04

Valid until: 2020-03-30

Date of certificate: 2017-03-04

DGS DEKAM

Rival Gil
Dean, Decentralized
Management Office

Approved Body: ISO 14001:2015 - Registration No. 3074682-18015
Address: Gedung FTUI, JALAN CIBINUNG, KAMPUS DEPOK PERIODE 2 & 3, 16122 DEPOK, DKI JAWARA, INDONESIA



Some activities to support SDG 11: Sustainable Cities and Communities

Regional Development, Government of South Halmahera Establishes Cooperation with UI

The screenshot shows a news article on the Universitas Indonesia website. The article is dated Friday, April 07, 2017, and is written by 'admin'. It reports on a delegation from the South Halmahera Regency Government (Pemda) visiting UI to discuss a cooperation agreement. The delegation includes the Regional Secretary, Helmi Surya Botuhte, and Aspri I, Amirudin Dokumalamo. UI representatives include Rector Prof. Dr. Ir. Muhammad Anis, M. Met., and Deputy Rector Prof. Dr. Bambang Wibawarta, S.S., M.A. The cooperation focuses on human resource development and training opportunities for UI students in the region.

UI Makara Art Center Grand Launching: Indonesian National Orchestra Performance

The screenshot shows the Makara Art Center website. The main heading is 'Grand Launching Makara Art Center'. Below this, it states 'Grand Launching Makara Art Center Universitas Indonesia' and 'Menampilkan Pertunjukan Indonesian National Orchestra'. The article is dated Tuesday, January 08, 2019. On the right side of the page, there is a 'Videos widget' featuring a video titled 'Multicultural Jazz Concert' with 2 views and a 5-star rating, and another video titled 'Resital Musik Simak Dialog: Di...'. The website also includes a calendar for November 2020 showing 'No Events'.

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 eleventh point of the SDGs, Sustainable Cities and Communities, as part of the annual university's sustainability report.

This section also provides some evidence of the university's action to achieve SDG 11. The joint cooperation between Universitas Indonesia and the Government of South Halmahera is mainly in the human resource development, which is giving the sons and daughters of South Halmahera the chance to study at Universitas Indonesia and quality training for state apparatus. Other than that, this cooperation is done for the development of tourism areas and the building of a flat plate boat which is a result of one of UI lecturers' research.

In the art department, Universitas Indonesia successfully built an art facility named Makara Art Center, whose main function is to hold out numerous art performances. This function is in accordance to the mission of Universitas Indonesia, which is to prepare its students as graduates who are able to implement and develop what they have gotten from their study in UI and to enrich and improve the quality of science, technology, and culture.

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/kembangkan-daerah-pemda-halmahera-selatan-jalin-kerja-sama-dengan-ui/>
4. <https://makaraartcenter.ui.ac.id/2019/01/08/grand-launching-makara-art-center/>