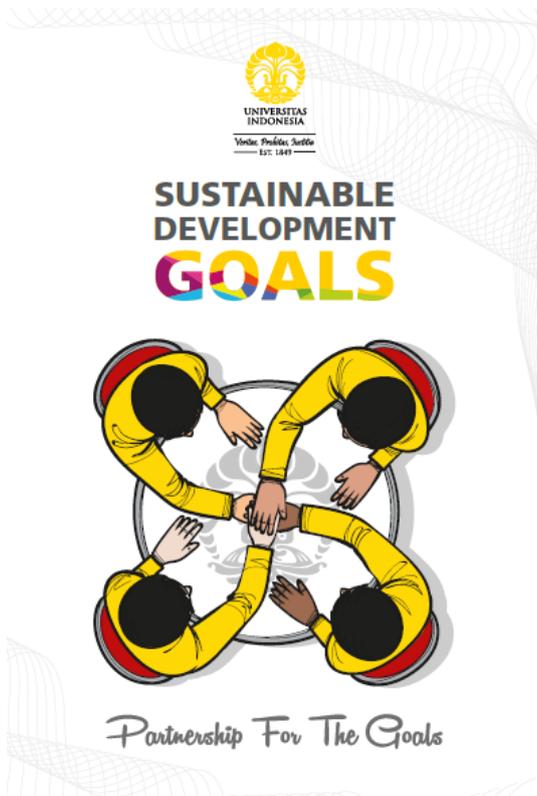




University's sustainability report 2019 **SDG 15: Life on Land**  
<http://green.ui.ac.id/sdg-2019/>



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## SUSTAINABLE DEVELOPMENT GOALS



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### SDG 15 Menjaga Ekosistem Daratan

Life on land

#### Area Kampus yang Tertutup Hutan Forest-Covered Campus Area

**90ha**

LI memiliki lahan hutan luarnya mencapai 90 hektar. Hutan ini selain berfungsi sebagai paru-paru kota juga menjadi sarana wisata dan edukasi. Sejumlah vegetasi yang terdapat di hutan ini di antaranya ialah Jati, Meranti, Kopi, Randu, dan Matoa.

Hutan LI ini juga berfungsi sebagai kawasan reaman di Kota Depok. Sebagai area wisata, kawasan hutan LI kerap dimanfaatkan bagi mahasiswa dan masyarakat umum untuk melakukan jogging, bersepeda, atau sekedar berjalan-jalan di antara endangaya suasana hutan. Sementara untuk keperluan akademik, kawasan hutan LI menjadi wahana penelitian biodiversitas (diambil argumen hayati) bagi mahasiswa. Di kemudian, kawasan hutan ini juga akan mengimplementasikan konsep agroteknis "science park".

LI has a 90-hectare forest area. Besides functioning as the lung of the city, the forest also serves as a recreational site and for educational purposes. Some of the vegetation in the forest include Jati, Meranti, Coffee, Rubber and Matoa.

The forest also functions as a water catchment area of Depok City. As a recreational area, LI attracts students, staff and the general public often go jogging, cycling, or walking in the shade of the forest. For academic purpose, the LI forest area is a place for students to perform biodiversity research. It is planned that this forest area will also implement the concept of "science park" agroteknis.

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#### Madu UI, Produk Madu Asli dari Hutan UI UI Honey, Original Honey from UI Forest

Selain berfungsi sebagai paru-paru kota dan kampus, hutan UI juga dimanfaatkan oleh Dr. Muhammad Setiati, peneliti dari Departemen Teknik Kimia UI, untuk menggarap madu dan paku produk propolis Higeia. Madu ini diberi merek dagang "Madu UI". Dalam melakukan produksi, Setiati membuat penangkaran lebah di tengah-tengah area Hutan UI. Runtuh-runtuh lebah di area hutan ini diisi oleh jenis lebah khusus, yakni Lebah Trigona. Lebah ini memiliki ciri fisik kecil, hanya berukuran 4 mm, dan tidak menyengat sehingga aman bagi manusia.

Besides functioning as the lungs of the city and campus, UI forest was also used by Dr. Muhammad Setiati, researcher from the UI Chemical Engineering Department, to produce honey and Higeia's propolis product pattern. The honey is given the trademark "Honey UI". To produce honey, Setiati performs beekeeping in the middle of the forest. The bee houses in that forest area are filled with a special type of bee, the Trigona bee. This bee has small physical characteristics, only measuring 4 mm and does not sting so it is safe for humans.

#### Area Kampus yang Tertutup Tanaman yang Ditanam Plant-Covered Campus Area

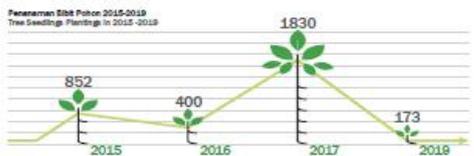
**3.255**

Selain terdiri dari hutan, ruang terbuka hijau yang dimiliki UI juga terdiri dari area yang tertutup tanaman yang ditanam. Penanaman pohon di kawasan UI merupakan salah satu upaya untuk menjaga lingkungan hijau yang berkelanjutan. Program penanaman pohon di kawasan UI merupakan program yang berlangsung terus-menerus sejak kampus UI berdiri di Depok pada 1968. Dalam kurun lima tahun terakhir (2015-2019), total jumlah pohon yang ditanam mencapai 3.255 pohon.

Di antara pohon-pohon yang ditanam termasuk salah Diacanthocarpus burund, Mangifera castrum, Eucleidocylon wagneri, dan lainnya. Bibit-bibit tersebut di antaranya ditanam dari lahan persemian milik UIR Mabun Raya Bogor dan lahan persemian BPOAG Cilivung Bogor.

Besides comprising forests, UI's green open space is also covered by plants. Planting trees in UI is an attempt to maintain a sustainable environment. The tree planting program in UI is a program that has been ongoing since UI campus was established in Depok in 1968. In the last five years (2015-2019), a total number of 3,255 trees have been planted.

Most of the tree seedlings planted are new or native Indonesian tree seedlings, as an effort to preserve native plants and rare plants. Among the trees planted are Diacanthocarpus burund, Mangifera castrum, Eucleidocylon wagneri, and others. Among those seeds were imported from Bogor Botanical Gardens UIR and Bogor Cilivung's nursery land.





### Some activities to support SDG 15: Life on Land

## UI and BDPKS Invites Palm UKMK-based Santripreneur to Empower Regional Economic Growth

The screenshot shows a news article on Kompas.com. The article title is "UI dan BDPKS Hadirkan Santripreneur Berbasis UKMK Sawit untuk Berdayakan Ekonomi Daerah". The article features a video player with a man in a batik shirt and a black peci cap. The video player has logos for Universitas Indonesia and BDPKS (Badan Pengelola Dana Perantara Sektor Sawit). The browser's address bar shows the URL: <https://ui.kompas.id/baca/ui-dan-bdpks-hadirkan-santripreneur-berbasis-ukmk-sawit-untuk-berdayakan-ekonomi-daerah/>. The Windows taskbar at the bottom shows the date as 11/20/2020 and the time as 8:18 PM.

### UI Initiates Zero Plastic Program

The screenshot shows a news article on Suara.com. The article title is "UI Penggagas Program Zero Plastic". The article features a large image of the Garuda Pancasila monument at the Universitas Indonesia campus. The article is dated "Senin, 16 Desember 2019 | 16:31 WIB". The browser's address bar shows the URL: <https://yoursay.suara.com/news/2019/12/16/163150/ui-penggagas-program-zero-plastic?page=all>. The Windows taskbar at the bottom shows the date as 11/22/2020 and the time as 2:20 PM. There are also several advertisements on the page, including one for Telkom University and one for Queen's University Belfast.



The screenshot shows a news article on the website suara.com. The article is titled "Suara.com - Sampah plastik merupakan permasalahan pencemaran lingkungan terbesar di dunia." (Suara.com - Plastic waste is the largest environmental pollution problem in the world). The text discusses the global issue of plastic waste, mentioning that 300 million tons are produced annually, with 8 million tons being incinerated and 10,000 tons dumped into the ocean. It highlights that Indonesia is the second-largest producer of plastic waste, with 24,500 tons produced daily, 20% of which ends up in rivers and the sea. The article also mentions that Universitas Indonesia (UI) has implemented a "Zero Plastic" program to reduce waste, supported by a Rector Decree (No. 1308/2011) regarding paper and plastic waste management on campus.

## 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 fifteenth point of the SDGs, Life On Land, as part of the annual university's sustainability report.

This section also provides some evidence of the university's action to achieve SDG 15. Palm-based UKMK Santripeneur Program is a *pesantren* assistance and empowerment which will be held in three provinces that have the biggest potential for palm oil plantation development in Indonesia, which are North Sumatra, Riau, and South Sumatra. The pilot project event aims to be replicated in other regions to support the principle of the program, which is the empowerment of *pesantren* and regional economic, especially palm farmers, as well as the development of sustainable and environmentally-friendly palm oil plantation. According to the Minister of Finance Indonesia, palm oil is one of the most significant foreign exchange contributors for Indonesia, worth around 21,4 billion US Dollar, or 14% of the total foreign exchange earning in the non-oil and gas export sector. "It is hoped that this collaboration will help the palm oil industry become the initiator of a just and equal welfare distribution."

## Rector Decree UI No. 1308/2011 on the policy of paper and plastic waste management in UI campus

Universitas Indonesia initiates the Zero Plastic program as a way to reduce plastic waste around the campus. This program is introduced by the Environment and Occupational Health and Safety Technical Implementation Unit (UPT K3L) UI. This program is also supported by the Rector of UI by the release of Rector Decree of UI No. 1308/2011 about the paper and plastic waste management in UI. Overall, the Zero Plastic program can slow down the impact of climate change, decrease pollution and student's spending, as well as saving the ecosystem. It is hoped that the Zero Plastic program could be implemented in Indonesia and strengthened with policies from the government.

## 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://ui.kompas.id/baca/ui-dan-bpdps-hadirkan-santripreneur-berbasis-ukmk-sawit-untuk-berdayakan-ekonomi-daerah/>
4. <https://yoursay.suara.com/news/2019/12/16/163150/ui-penggagas-program-zero-plastic?page=all>