

THE Impact Rankings Questionnaire

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

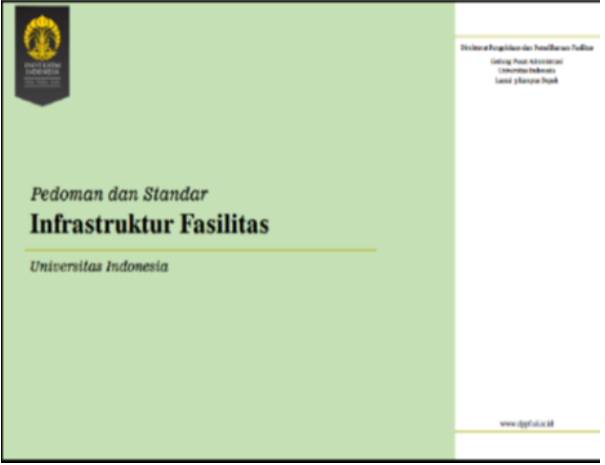
[6] SDG's 6: Clean Water and Sanitation

[6.3] Water usage and care



[6.3.4] Water-conscious building standards

Apply building standards to minimize water use

UI Regulations Regarding Water-saving Building Standards

	<p>Fasilitas toilet Universitas Indonesia mempertimbangkan Peraturan Menteri Pekerjaan Umum dan Perumahan Rakyat Nomor 14/PRT/M/2017 yakni Kloset Ramah Lingkungan.</p> <p>Penggunaan air dibatasi, dengan sistem <i>flush</i> (gelontor) dengan kapasitas maksimal 6 Liter per <i>flush</i>. Penggunaan kloset yang lebih hemat dari kriteria tersebut akan lebih baik.</p> <p>Toilet tipe kloset jongkok minimal berukuran panjang 155-167 dan lebar 74-90 cm dengan tinggi ceiling 2,2 m dan/atau tinggi pembatas berukuran 2,0 m untuk 2 (dua) kloset.</p>
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Guidelines for Building Standards in the UI Environment

 <p>KEPUTUSAN REKTOR UNIVERSITAS INDONESIA NOMOR 2833 2833 /SK/R/UI/2018</p> <p>TENTANG KEBIJAKAN KAMPUS HIJAU UNIVERSITAS INDONESIA (UI GREEN CAMPUS POLICY)</p> <p>REKTOR UNIVERSITAS INDONESIA,</p> <p>Menimbang :</p> <ol style="list-style-type: none"> bahwa <i>UI GreenMetric World University Rankings</i> adalah Program Universitas Indonesia di bidang Kampus Hijau dan Keberlanjutan yang telah berlangsung sejak tahun 2010; bahwa <i>UI GreenMetric World University Rankings</i> adalah Program Universitas Indonesia yang telah membawa nama UI di kancah internasional, dengan antusiasme 618 Universitas dari 76 negara di dunia yang telah mengikutinya di tahun 2017; bahwa perlunya Universitas Indonesia untuk meningkatkan setiap indikator <i>UI GreenMetric Setting and Infrastructure</i>, penanganan energi, penanganan sampah, penanganan air, penanganan transportasi ramah lingkungan, dan penanganan Pendidikan dan riset serta kegiatan yang berhubungan dengan keberlanjutan; 	 <p>KEPUTUSAN REKTOR UNIVERSITAS INDONESIA Nomor: 1309 1309 /SKR/UI/2011</p> <p>TENTANG KEBIJAKAN KONSERVASI AIR BERSIH DI KAMPUS UNIVERSITAS INDONESIA</p> <p>REKTOR UNIVERSITAS INDONESIA</p> <p>Menimbang:</p> <ol style="list-style-type: none"> bahwa kekurangan air dapat mengakibatkan munculnya lahan kering di Universitas Indonesia; bahwa ketersediaan air bersih dan air sehat untuk dikonsumsi saat ini semakin berkurang; bahwa sesuai dengan Rencana Strategi Universitas Indonesia (Renstra UI) Tahun 2007-2012 dimana salah satu falsafah dan prinsip dasar yaitu mengutamakan perlindungan dan pelestarian lingkungan dalam upaya pembangunan berkelanjutan; bahwa Universitas Indonesia adalah universitas yang diharapkan menjadi "Kampus Hijau" dengan salah satu programnya adalah penghematan penggunaan air; bahwa berdasarkan butir a, b dan c diatas perlu ditetapkan dengan Keputusan Rektor Universitas Indonesia;
<p>UI Rector's Decree 2893 concerning UI Green Campus Policy</p>	<p>UI Rector's Decree 1309 regarding Clean Water Conservation Policy</p>



Application of Water Saving Equipment Usage in Buildings in UI Lingkungan

Water Tap with Sensor System



Water Tap with Sensor System SIL SKSG



Water Tap with Sensor System UI Hospital (RSUI)



Water Tap with Sensor System Faculty of Computer Science (Fasilkom)



Water Tap with Sensor System Faculty of Economics and Business (FEB)



Water Tap with Sensor System Faculty of Law (FH)



Water Tap with Sensor System Faculty of Administrative Sciences (FIA)



Water Tap with Sensor System Faculty of Social and Political Science (FISIP)



Water Tap with Sensor System Faculty of Medicine (FK)



Water Tap with Sensor System Faculty of Dentistry (FKG)



Water Tap with Sensor System Faculty of Public Health (FKM)



Water Tap with Sensor System Faculty of Psychology



Water Tap with Sensor System Faculty of Engineering (FT)



Water Tap with Sensor System Administrative Center of UI

Toilet and Urinal with Flush System



Toilet and Urinal with Flush System Faculty of Law (FH)



Toilet and Urinal with Flush System Faculty of Social and Political Science (FISIP)



Toilet and Urinal with Flush System Faculty of Public Health (FKM)



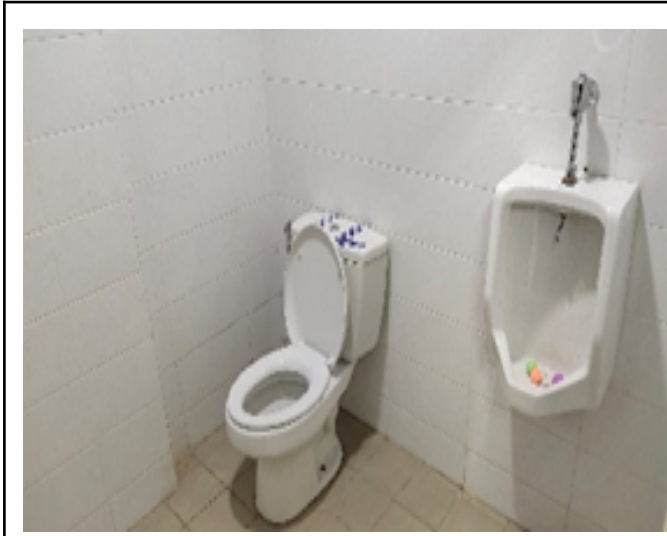
Toilet and Urinal with Flush System Faculty of Administrative Science (FIA)



Toilet and Urinal with Flush System Faculty of Engineering (FT)



Toilet and Urinal with Flush System Administrative Center of UI



Toilet and Urinal with Flush System Faculty of Dentistry (FKG)



Toilet and Urinal with Flush System Faculty of Engineering (FT)

Automatic Equipment for Washing Dishes



Automatic Equipment for Washing Dishes Faculty of Engineering (FT)



Toilet and Urinal with Flush System Faculty of Social and Political Sciences (FISIP)

Data on Use of Sensor Water Faucets and Flush Toilets in Buildings in the UI Campus

No	Faculty/School	Tap Water with Sensor System	Highly Efficient Toilet Flush	Mesin Pencuci Piring Otomatis
1	Faculty of Medicine	✓	✓	x
2	Faculty of Dentistry	✓	✓	x
3	Faculty of Mathematic and Natural Sciences	✓	✓	x
4	Faculty of Engineering	✓	✓	✓
5	Faculty of Law	✓	✓	x
6	Faculty of Economics and Business	✓	✓	x
7	Faculty of Psychology	✓	✓	x
8	Faculty of Humanities	✓	✓	x
9	Faculty of Social and Political Sciences	✓	✓	✓
10	Faculty of Public Health	✓	✓	x
11	Faculty of Computer Science	✓	✓	x
12	School of Environmental Studies - School for Global and Strategic Studies	✓	✓	x
13	Vocational Program	✓	✓	x
14	Faculty of Pharmacy	✓	✓	x
15	Faculty of Nursing	✓	✓	x
16	Faculty of Administration Science	✓	✓	x
17	Administrative Center (PAU) Depok Building	✓	✓	x

Descripston :

The University of Indonesia has implemented the use of water-saving equipment as a standard for buildings in the UI Campus. With reference to the UI Rector's Decree Number 2893/SK/R/UI/2018 concerning the University of Indonesia Green Campus Policy (UI Green Campus Policy), which refers to the 17 components of the SDGs, one of which is the Water Awareness Building Standard. In addition, UI has Guidelines and Standards for Facilities Infrastructure in the UI Environment which contains discussions governing the use of water-conscious equipment.

As a manifestation of water saving movement on campus, Universitas Indonesia continuously installs and replaces water appliances such as water taps and toilets into water efficient ones. Water efficient appliances usage is applied as the standard for the construction and renovation of new buildings. The examples of water efficient appliances installed at UI are as follows:

1. Water taps with sensor system in the toilets in administrative buildings and faculties utilize. They will stop automatically to reduce dripping water when they are not in use.
2. Dual-flush toilets in administrative buildings. They have two systems of water usage: (1) small button with water usage of 3 litres (2) big button with water usage up to 4.5 litres. They are more water efficient compared to single-flush toilets.
3. Automatic dishwashers for canteens in faculties. Dishes washing can be conducted centrally, contributing to efficient water usage.

Evidence Link :

<https://eng.ui.ac.id/blog/penggunaan-peralatan-hemat-air-di-ft-ui/>

<https://vokasi.ui.ac.id/web/air/>