

# FULFILLMENT OF QUESTIONNAIRE UI GREENMETRIC WORLD UNIVERSITY RANKINGS 2022



**UIN Raden Fatah Palembang  
Oktober 2022**

**FULLFILLMENT OF QUESTIONNAIRE**  
**UI GREENMETRIC WORLD UNIVERSITY RANKINGS (UIGMWUR)**  
**UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG**  
**2022**



**UIN RADEN FATAH PALEMBANG**  
**OCTOBER 2022**

## FOREWORD

Distinction and gratefulness, Alhamdulillah rabbil alamin, we pray to Allah SWT, who has bestowed His mercy, grace, and guidance, so that we can complete the Fulfillment of Questionnaire (FoQ) document UI GreenMetric World University Rankings (UIGMWUR) Universitas Islam Negeri (UIN) Raden Fatah Palembang 2022 on time. This FoQ document is a performance in realizing a green campus containing information on applying sustainability and environmentally friendly principles and components at the UIN Raden Fatah Palembang.

The filling of this questionnaire is based on the UIGMWUR guidelines that are already available. This FoQ is an illustration of how far the implementation of a green campus that is sustainable and environmentally friendly is at UIN Raden Fatah Palembang. Various efforts continue to be made to realize a sustainable green campus. Passion and effort in understanding and caring to change habits into environmentally friendly behavior becomes a shared commitment. This effort involves the entire academic community of UIN Raden Fatah Palembang, including faculties and units or institutions, massively so that the conception and implementation of a green campus are carried out widely throughout the campus area. A sustainable and environmentally friendly green dictionary can be immediately realized through various efforts and involvement of all campus components. The embodiment of this green campus also achieves the maximum performance of UIN Raden Fatah Palembang on the ranking of green campuses at the international level based on the UIGMWUR assessment. Green campus achievements based on UIGMWUR are based on sustainability performance according to the principles and criteria on (1) Structuring the environment and infrastructure, (2) Controlling climate change and energy, (3) Managing and treating wastes, (4) Water resources management, (5) Implementing green transportation, and (6) Education and research.

Preparing the Fulfillment of Questionnaire (FoQ) document UI GreenMetric World University Rankings (UIGMWUR) UIN Raden Fatah Palembang 2022 requires a lot of contributions from the entire academic community of UIN Raden Fatah Palembang and continuous efforts. The preparation of this FoQ was carried out with joint efforts by the EcoGreen Campus core team with focus and thoroughness, high enthusiasm, maximum effort, and full of togetherness.

We want to thank all who have been fully involved in preparing this FoQ. May his efforts become righteous deeds with double rewards and goodness from Allah SWT. Amen ya rabbal 'alamin.

Palembang, October 2022  
Team leader,

**Dr. Ir. Ledis Heru S. Putro, M.Si.**

## **DRAFTING TEAM**

### **Person Responsible:**

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### **Director:**

Dr. Muhammad Adil, M.A. (Vice Rector 1)

Dr. Abdul Hadi, M.Ag. (Vice Rector 2)

Dr. Hj. Hamidah, M.Ag. (Vice Rector 3)

Dr. Abd. Rasyid, M.Ag. (Head of AUPK Bureau)

Drs. H. Jumari Iswadi, M.M. (Head of AAKK Bureau)

### **Chairman:**

Dr. Ir. Ledis Heru Saryono Putro, M.Si.

### **Vice Chairman:**

Eko Bagus Sholihin, M.A.

### **Secretary:**

Andi Putra Sairi, M.Pd.

### **Member:**

Hasan Marzuki, M.T.

Jauharuddin Luthfi Aljabar, M.Si.

Siti Rodiah, M.Si.

Binar Azwar Anas Harfian, M.Pd.

Moh. Ismail Sholeh, M.Pd.

Chairul Ichsan, M.Sc.

Pandu Jati Laksono, M.Pd.

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Puji Edi Purnomo, M.Hum.

R. Supartono, S.H., M.Si.

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## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [1] Setting and Infrastructure (SI)

#### [1.3] Number of Campus Sites

		<p>Campus A (Sudirman) UIN Raden Fatah Palembang, Indonesia</p>
	<p>Campus B (Jakabaring) UIN Raden Fatah Palembang, Indonesia</p>	
		<p>Campus C (Payakabung) UIN Raden Fatah Palembang, Indonesia</p>

**Description:**

Located about 3.5 km from the city center (Campus A), UIN Raden Fatah Palembang has been transformed since 2014; the campus building was built on a granted urban forest land of South Sumatra Province. The total area of the UIN Raden Fatah Palembang campus is 1252791 m<sup>2</sup>, consisting of 282003 m<sup>2</sup> of forested area, 505783 m<sup>2</sup> of plant vegetation area, 316168 m<sup>2</sup> grass-shrub area, and 120272 m<sup>2</sup> open space, and a total campus building area of 28565 m<sup>2</sup>. The green campus environment has environmentally friendly facilities, namely, 1103954 m<sup>2</sup> of green open space, 101775 m<sup>2</sup> of non-green open space, 7237 m<sup>2</sup> of retention lake, 11260 m<sup>2</sup> of canal and river area, and 28585 m<sup>2</sup> building.

**Additional evidence link:**

<https://www.youtube.com/watch?v=-SyXwFoYHig>

[https://youtu.be/1\\_3UtxfR8i4](https://youtu.be/1_3UtxfR8i4)

<https://www.youtube.com/watch?v=dR7oB88-K-8&t=129s>

## Template for Evidence(s) UI GreenMetric Questionnaire

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### [1] Setting and Infrastructure (SI)

#### [1.4] Campus Setting



Campus A





Campus B



Campus C (i)



Campus C (ii)

Setting of Sudirman Campus (a); Jakabaring Campus (b); Payakabung Campus (c)

### Description:

The UIN Raden Fatah Palembang campus is an urban area with adequate forest cover. UIN Raden Fatah Palembang is a public university located in the center of Palembang. UIN Raden Fatah Palembang has 20925 active students and 1254 employees (lecturers, administrative staff, security, and cleaning staff). With a total campus area of 1252791 m<sup>2</sup>, it has a moderate population density of 1 person per 56 m<sup>2</sup>. All lectures and other academic activities occur at UIN Raden Fatah Palembang Campus A and B. Meanwhile, Campus C is for lectures and field practicums, an integrated campus development program, urban forest, and conservation areas. Campus A (Sudirman, 6.5 hectares) is located on Jl. Prof. K.H. Zainal Abidin Fikri KM 3.5, Pahlawan Village, Kemuning District, Palembang City, South Sumatra, Indonesia, Campus B (Jakabaring, 15 hectares) is located on Jl. Prince Ratu, 5 Ulu, Seberang Ulu I District, Palembang City, South Sumatra, Indonesia, and Campus C (Payakabung, 103.78 hectares) is located at Payakabung Village, North Indralaya District, Ogan Ilir Regency, South Sumatra Province.

### Additional evidence link:

Profile of Campus A : <https://www.youtube.com/watch?v=1AXG-3JUi-4>

Profile of Campus B : <https://www.youtube.com/watch?v=weB7kNyl-6Q>

Profile of Campus B : <https://drive.google.com/drive/folders/12zzjL00N11l6wxTAisZjG3985fv8Bkg?usp=sharing>

## Template for Evidence(s) UI GreenMetric Questionnaire

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Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [1] Setting and Infrastructure (SI)

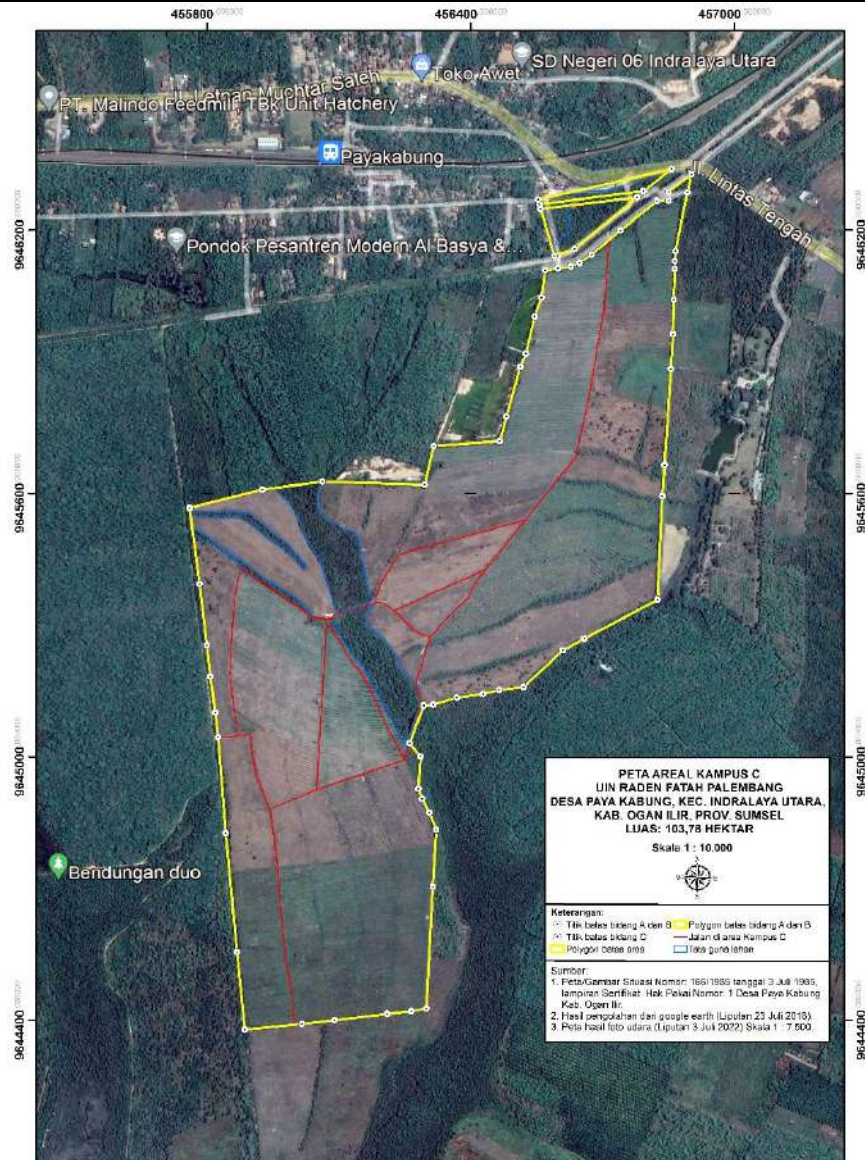
#### [1.5] Total Campus Area (meter<sup>2</sup>)



Campus A (6,5 hectares)



Campus B (15 hectares)



Campus C (103,78 hectares)

Map Illustration of Campus A, B, and C Areas

**Description:**

Total area:  $1.252791 \text{ km}^2 = 1252791 \text{ m}^2$

Total distance/circumference:  $7.05 \text{ km} = 7049 \text{ m}$

The details of the land use of the campus area are as follows:

No.	Land use	Area (m2) (Campus)				Percent
		A	B	C	Total	
1	Forest vegetation	10000	12303	259700	282003	22.51
2	Plant vegetation	9000		496783	505783	40.37
3	Grass/shrub <sup>a</sup>		59464	249354	308818	24.65
4	Football field	7350			7350	0.59
5	Tennis court	690			690	0.06
6	Basketball court	554			554	0.04
7	Volleyball court	408			408	0.03
8	Building	10476	18089		28565	2.28
9	Parking area	3000	5676		8676	0.69
10	Open space <sup>b</sup>	18142	23993	6232	48367	3.86
11	Street	5380	14286	23414	43080	3.44
12	Retention lake (1)		4965	448	5413	0.43
13	Retention lake (2)		1824		1824	0.15
14	Drainage and rivers		9400	1860	11260	0.90
	<b>Total</b>	<b>65000</b>	<b>150000</b>	<b>1037791</b>	<b>1252791</b>	<b>100.00</b>

<sup>a</sup> Campus B is currently in the process of planting trees

<sup>b</sup> Pedestrian, building yard, plaza/venue, corridor

**Additional evidence link:**

Campus A : <https://www.youtube.com/watch?v=1AXG-3JUi-4>

Campus B : <https://www.youtube.com/watch?v=weB7kNyl-6Q>



Campus C : <https://drive.google.com/drive/folders/12zzjL00N11l6wxTAisZiG3985fv8Bkg?usp=sharing>

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
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### [1] Setting & Infrastructure (SI)

#### [1.7] Total campus buildings area

Building Campus A (Sudirman)	
	<p style="text-align: right;">Area: 64484 m<sup>2</sup></p> <ul style="list-style-type: none"> <li>IB Building</li> <li>FITK Building</li> <li>IK Building</li> <li>Multimedia Building</li> <li>Microteaching Building</li> <li>Bussines Building</li> <li>Usuluddin Building</li> <li>Tarbiyah Building</li> <li>White Building</li> </ul>
Building Campus B (Jakabaring)	
	<p style="text-align: right;">Area Building: 33000 m<sup>2</sup></p> <ul style="list-style-type: none"> <li>• Administration Center Building</li> <li>• Library</li> <li>• Laboratory</li> <li>• Faculty of Tarbiyah</li> <li>• Faculty of Economics</li> <li>• Faculty of Psicology</li> <li>• Faculty of Saintek</li> </ul>

**Description:**

Campus A UIN Raden Fatah Palembang has 34 administration and lecture buildings. Meanwhile, Campus B has a total of nine buildings, consisting of administrative facilities, lectures, libraries, and laboratories. Campus C is currently on an integrated campus development program (functioning urban forest, conservation area, and productive crops). The total building area of UIN Raden Fatah Palembang is presented in the table below.

Building name	Total Area
Campus A There is 34 Building	64484 m <sup>2</sup>
Campus B There is 9 Building	33000 m <sup>2</sup>
<b>Total</b>	<b>97484 m<sup>2</sup></b>

## Template for Evidence(s) UI GreenMetric Questionnaire

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### [1] Setting and Infrastructure (SI)

#### [1.8] The ratio of open space to total area

The list of buildings and total floor area in the campus area is as follows:

No.	Building Floor	Cover Ground Floor Area Building (m <sup>2</sup> )
1	2	300
2	2	250
3	2	455
4	3	533.3
5	1	455
6	3	320
7	4	164.8
8	3	170.7
9	1	500
10	4	179.8
11	2	200
12	4	240
13	2	480
14	2	480
15	2	480
16	3	629
17	3	537
18	1	2700
19	4	500
20	4	500
21	1	318
22	2	431.5
23	4	320
24	3	266.7
25	7	960
26	2	175
27	4	356.5
28	4	768
29	4	921.5
30	4	14894.8
<b>Total Cover Ground Floor Area Building</b>		<b>28565</b>
<b>Total Area Campus (m<sup>2</sup>)</b>		<b>1252791</b>
<b>Ratio of open space to total area</b>		<b>97.72 %</b>

The details of the open space are as follows:

Land use	Area (m <sup>2</sup> )	%
<b>A. Open space (non-building) <sup>a</sup></b>	<b>1224226</b>	<b>97.72</b>
Forest (Arboretum)	282.003	22.51
Planted vegetation	505.783	40.37
Water absorption	383.032	30.57
Sports field	1.652	0.13
Street & parking area	51.756	4.13
<b>B. Building <sup>a</sup></b>	<b>28565</b>	<b>2.28</b>
Campus A	10476	0.84
Campus B	18089	1.44

<sup>a</sup> Open space and building area: 1252791 m<sup>2</sup>

**Description:**

UIN Raden Fatah Palembang is located at coordinates:

Campus A: 2°57'52.2"S 104°44'55.3"E

Campus B: 3°00'35.5"S 104°46'23.4"E

Campus C: 3°12'03.9"S 104°36'37.7"E

with a total area of 1252791 m<sup>2</sup>. There are 43 buildings. The total area of the building is 28565 m<sup>2</sup>. So it has a ratio of open space (non-building) to the total land area of 97.72%.

**Additional evidence link:**

<https://www.youtube.com/watch?v=1oRiiyqEdM>



# Template for Evidence(s) UI GreenMetric Questionnaire

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## [1] Setting and Infrastructure (SI)

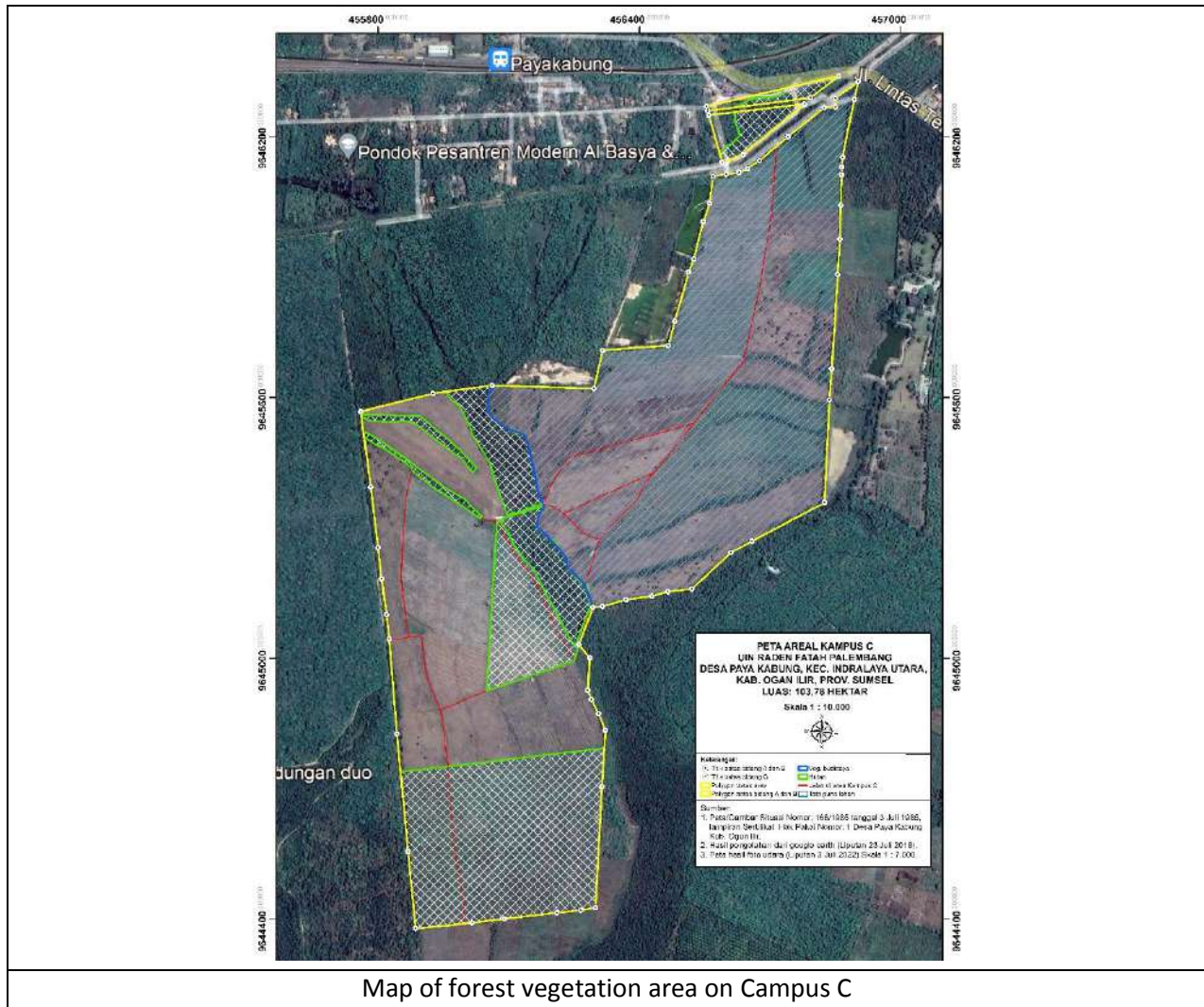
### [1.9] Total Area on Campus Covered in Forest Vegetation (meter<sup>2</sup>)



Map of forest vegetation area on Campus A



Map of forest vegetation area on Campus B



Map of forest vegetation area on Campus C

### Description:

The area of UIN Raden Fatah Palembang covered by forest vegetation is 282003 m<sup>2</sup>, with a total campus area of 1252791m<sup>2</sup>, meaning that 22.51% of the whole campus area is forest vegetation. Most of the forested areas are located on Campus C, namely in the development of urban forests and educational forests. Campus B (Jakabaring) massively planted trees endemic to South Sumatra to become forest vegetation (arboretum) to support campus activities.

### Additional Evidence Link:

1. <https://www.youtube.com/watch?v=-1VycASlgVI>
2. <https://www.youtube.com/watch?v=pXKvoIWcdCI&list=TLGGwZe7UwaokAIwODEwMjAyMg>
3. <http://ecogreen.radenfatah.ac.id/index.php/komit-indonesia-bersih-1-000-mahasiswa-baru-uin-raden-fatah-palembang-tanam-pohon-di-kampus-b/>

## Template for Evidence(s) UI GreenMetric Questionnaire

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Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [1] Setting and Infrastructure (SI)

#### [1.10] Total area on campus covered in planted vegetation (meter<sup>2</sup>)

	
<p>Garden in the corridor between buildings</p>	<p>Park with <i>Alstonia scholaris</i> (endemic to South Sumatra)</p>
	
<p>Parks and vegetation by the retention lake</p>	<p>The dominant vegetated garden is the type of ivory coconut</p>

#### Description:

Total planted vegetation area: 505783 m<sup>2</sup>

Total Area: 1252791 m<sup>2</sup>

Percentage area: 40.37%

## Template for Evidence(s) UI GreenMetric Questionnaire

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 Ecogreen : <http://ecogreen.radenfatah.ac.id/>

### [1] Setting and Infrastructure (SI)

#### [1.11] Total area on campus for water absorption besides the forest and planted vegetation (meter<sup>2</sup>)

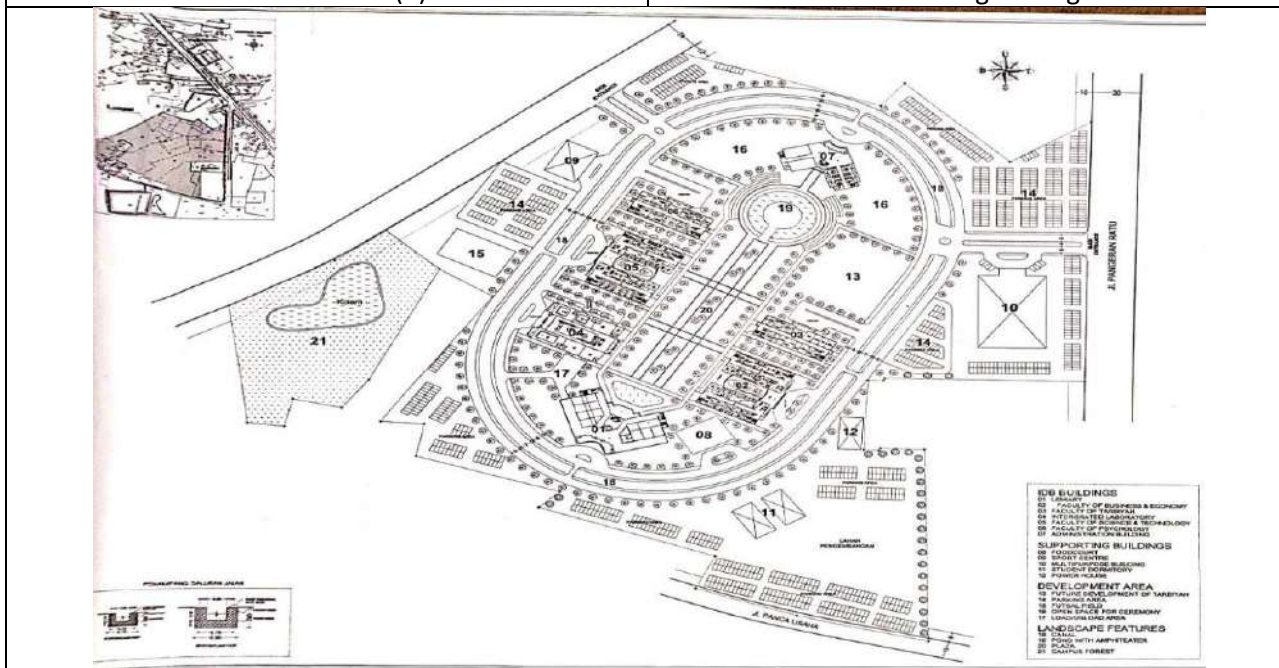
	
<p>Field of soccer</p>	<p>Pedestrians with parks, plazas, and biopori</p>
	
<p>Flood control drainage and water management</p>	<p>Pedestarian</p>



Retention lake (1)



Corridor between buildings with grass and shrubs



Spatial detail map on Campus B development

Details of land use which is a water absorption area:

No.	Land use	Area (m <sup>2</sup> ) (Campus)				Percent
		A	B	C	Total	
1	Grass/shrub <sup>a</sup>		59464	249354	308818	24.65
2	Football field	7350			7350	0.59
3	Open space <sup>b</sup>	18142	23993	6232	48367	3.86
4	Retention lake (1)		4965	448	5413	0.43
5	Retention lake (2)		1824		1824	0.15
6	Drainage and rivers		9400	1860	11260	0.90
	<b>Total</b>	<b>25492</b>	<b>99646</b>	<b>257894</b>	<b>383032</b>	<b>30.57 <sup>c</sup></b>

<sup>a</sup> Campus B is currently in the process of planting trees

<sup>b</sup> Pedestrian, building yard, plaza/venue, corridor

<sup>c</sup> Percentage of water absorption area to total area.



**Description:**

UIN Raden Fatah Palembang has an area that can absorb water in addition to forest vegetation and planted vegetation throughout the campus area of 385860 m<sup>2</sup>, consisting of grass/shrubs, football fields, pedestrians, building yards, plazas, corridors, retention lakes, drainage channels, and rivers within the campus area.

Total **water absorption** area: 383032 m<sup>2</sup>

Total area: 1252791 m<sup>2</sup>

Percentage area: 30.57%

## Template for Evidence(s) UI GreenMetric Questionnaire

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Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
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### [1] Setting and Infrastructure (SI)

#### [1.18] University budget for sustainability effort (in US Dollars)

RINCIAN KERTAS KERJA SATKER T.A. 2022					
KEMEN/LEMB	(025)	KEMENTERIAN AGAMA			
UNIT ORG	(04)	Ditjen Pendidikan Islam			
UNIT KERJA	(424208)	UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG			
ALOKASI	Rp.207,190,919,000				
Halaman :					1
KODE	PROGRAM/ KEGIATAN/ KRO/ RO/ KOMPONEN/ SUBKOMP/ DETIL	PERHITUNGAN TAHUN 2022			SD/ CP
		VOLUME	HARGA SATUAN	JUMLAH BIAYA	
(1)	(2)	(3)	(4)	(5)	(6)
025.04.DK	Program Pendidikan Tinggi			138,736,819,000	
2132	Peningkatan Akses, Mutu, Relevansi, dan Daya Saing Pendidikan Tinggi Keagamaan Islam			138,736,819,000	
2132.BEI	Bantuan Lembaga[Base Line]	2.0 Lembaga		15,914,730,000	
-----					
	Lokasi : KOTA PALEMBANG				
2132.BEI.001	Bantuan Operasional Kopertais	1.0 Lembaga		371,900,000	
052	Oprasional Penyelenggaraan Kopertais			371,900,000	U
V	Peningkatan Penelitian Dosen PTKIS Wilayah VII			197,520,000	
521211	Belanja Bahan			9,240,000	RM
	(KPPN.014-Palembang )				
	- Fotokopi [150 LBR x 60 ORANG x 2 KEG]	18000.0 LBR	250	4,500,000	
	- Tool Kit Kegiatan [60 ORANG x 2 KEG]	120.0 OK	24,500	2,940,000	
	- Bahan Kegiatan [60 ORANG x 2 KEG]	120.0 OK	15,000	1,800,000	

RINCIAN KERTAS KERJA REVISI 6 TAHUN 2021					
KEMEN/LEMB	(025)	KEMENTERIAN AGAMA			
UNIT ORG	(04)	Ditjen Pendidikan Islam			
UNIT KERJA	(424208)	UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG			
ALOKASI	Rp.203,091,580,000				
Halaman :					1
KODE	PROGRAM/ KEGIATAN/ KRO/ RO/ KOMPONEN/ SUBKOMP/ DETIL	PERHITUNGAN TAHUN 2021			SD/ CP
		VOLUME	HARGA SATUAN	JUMLAH BIAYA	
(1)	(2)	(3)	(4)	(5)	(6)
025.04.DK	Program Pendidikan Tinggi			128,815,937,000	
2132	Peningkatan Akses, Mutu, Relevansi, dan Daya Saing Pendidikan Tinggi Keagamaan Islam			128,815,937,000	
2132.BDC	Fasilitasi dan Pembinaan Masyarakat[Base Line]	4000.0 Orang		2,000,000,000	
-----					
	Lokasi : KOTA PALEMBANG				
2132.BDC.001	Mahasiswa/Dosen yang berprestasi	4000.0 Orang		2,000,000,000	
054	Perkemahan Wirakarya Nasional (PWN)			2,000,000,000	U
A	Kegiatan Sekretariat Pramuka Wirakarya Nasional PTK XV Tahun 2021			31,426,000	
521211	Belanja Bahan			11,426,000	RM
	(KPPN.014-Palembang )				
	- ATK Bahan Kegiatan [50 ORANG x 4 BUALN x 1 KEG]	200.0 OK	57,130	11,426,000	
521811	Belanja Barang Persediaan Barang Konsumsi			20,000,000	RM
	(KPPN.014-Palembang )				

RKA-K/L REVISI 5 TAHUN 2020

KEMEN/LEMB (025) KEMENTERIAN AGAMA  
 UNIT ORG (04) Ditjen Pendidikan Islam  
 UNIT KERJA (424208) UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG  
 ALOKASI Rp. 406,002,483,000

Halaman : 1

KODE	PROGRAM/ KEGIATAN/ OUTPUT/ SUBOUTPUT/ KOMPONEN/ SUBKOMP/ DETIL	PERHITUNGAN TAHUN 2020			SD/ CP
		VOLUME	HARGA SATUAN	JUMLAH BIAYA	
(1)	(2)	(3)	(4)	(5)	(6)
025.04.07	Program Pendidikan Islam			406,002,483,000	
2132	Peningkatan Akses, Mutu, Relevansi, dan Daya Saing Pendidikan Tinggi Keagamaan Islam			333,334,522,000	
2132.002	Penyelenggaraan Pendidikan Tinggi Keagamaan Islam	1.0 Lembaga		46,246,578,000	
	Lokasi : KOTA PALEMBANG				
2132.002.400	Penyelenggaraan PTKIN (PNBP/BLU)			32,696,950,000	U
700	Penyelenggaraan PTKIN Bersumber BLU			32,696,950,000	
A	Kegiatan Perkuliahan Sehari-hari Prodi S1 Fakultas Syariah dan Hukum			1,054,100,000	
525111	Belanja Gaji dan Tunjangan (KPPN.014-Palembang)			633,600,000	BLU
	- Honorarium Dosen Luar Biasa 600 MK x 16 TTM x 2 SKS [600 MK x 16 TTM x 2 SKS]	19200.0 TTM	33,000	633,600,000	
525112	Belanja Barang (KPPN.014-Palembang)			50,000,000	BLU
	- Bahan Cetak Konsumsi Kegiatan 125 MHS x 4 KEG [125 MHS x 4 KEG]	500.0 KEG	100,000	50,000,000	
525119	Belanja Penyediaan Barang dan Jasa BLU Lainnya (KPPN.014-Palembang)			370,500,000	BLU

	2020	2021	2022	Average
<b>Budget Total</b>	\$ 28534354	\$ 14216842	\$ 14121518	\$ 18957571
<b>Sustainability Budget</b>	\$ 17454374	\$ 10550070	\$ 7081235	\$ 11695226
			Percentage	61,7%

**Description:**

Based on the table above, the average percentage of the University's budget for 2020-2022 sustainability at UIN Raden Fatah Palembang is 61.7%.



## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [1] Setting and Infrastructure (SI)

#### [1.20] Percentage of operation and maintenance activities of building in one year period (SI.7)



**Description:**

Buildings used during the transition period of the Covid-19 pandemic in 2022 reached >75% because lectures were conducted offline and online following faculty policies. The routine maintenance process follows the volume of use of buildings, classrooms, and other campus facilities.

1. Total campus buildings area	97484 m <sup>2</sup>
2. Total operated building	74088 m <sup>2</sup>
Percentage building that operated and maintained	76%

**Additional evidence link:**

<https://lp2m.radenfatah.ac.id/index.php?p=151>

<https://lpm.radenfatah.ac.id/?nmodul=berita&bid=245>

[https://radenfatah.ac.id/index.php/front/berita\\_detail/2452](https://radenfatah.ac.id/index.php/front/berita_detail/2452)

## Template for Evidence(s) UI GreenMetric Questionnaire

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### [1] Setting and Infrastructure (SI)

#### [1.21] Campus facilities for disabled, special needs and or maternity care



1. Disabled-friendly elevator



2. Facilities for entering the disabled-friendly building



3. There are special toilets for the disabled



4. Special toilets for the disabled



**Description:**

UIN Raden Fatah Palembang has provided several facilities and accessibility for the disabled, namely:

1. Special path for disabled accessibility.
2. Toilets and lifts specifically for persons with disabilities.
3. Disabled parking for the disabled, where they can park their car in the nearest space building.
4. Private room for breastfeeding staff so they can pump breast milk privately.

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### [1] Setting and Infrastructure (SI)

#### [1.22] Security and safety facilities



Security Post



Monitoring control room





Fire hydrant and light fire extinguisher, CCTV, and gate of UIN Raden Fatah Palembang

**Description:**

Some essential security and safety facilities at UIN Raden Fatah Palembang are:

1. CCTV at the gate and building of UIN Raden Fatah Palembang.
2. Fire hydrants in every building and outside the UIN Raden Fatah Palembang building and light fire extinguishers.
3. Security posts and monitoring gates.
4. The Center Monitoring Room Control.

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### [1] Setting and Infrastructure (SI)

#### [1.23] Health infrastructure facilities for students, academics and administrative staffs' wellbeing

	
<p>First aid facilities [first aid in accidents] and good medicine.</p>	<p>Medica room, for health clinic activities</p>
	
<p>Health infrastructure and health service activities for university community members</p>	



**Description:**

UIN Raden Fatah Palembang has several essential health infrastructure facilities, including university health clinics, doctors, and health clinic examination rooms. The infrastructure and paramedical staff are for monitoring, maintaining, and providing health services to all university civitas. In addition, it also has a Student Psychology Consultation Center.

**Additional evidence link:**

<https://drive.google.com/file/d/13c5eR25tlo9yPW56VZ8zhwP2Y-k9r-lf/view>



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### [1] Setting and Infrastructure (SI)

[1.24] Conservation: plant, animal, and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities (SI.11)



Campus B (Jakabaring) canal fish seed sowing



Drainage channel for water and soil conservation in swamp land



Retention lake for water management and conservation of water and aquatic biota



Planting and maintaining trees of endemic from South Sumatra



Planting of endemic trees in South Sumatra by the Chancellor and Vice-Chancellor



Urban and Educational Forest on Campus C

#### Description:

Some of the conservation programs at UIN Raden Fatah Palembang are:

1. Plant conservation program by planting endemic trees from South Sumatra and beautiful plants with colorful flowers.
2. Conservation of fish endemic to South Sumatra, such as Seluang fish.
3. Massive tree planting on Campus B and colorful flowering plants will create a habitat area and conserve wildlife, including insects, butterflies, and bird species.
4. Preservation and conservation of lakes and canals on former swamp land.
5. The allocation area for urban and education forests is also a source of seed trees.

#### Additional evidence link:

<https://www.youtube.com/watch?v=-1VycASlgVI><https://www.youtube.com/watch?v=-1VycASlgVI>

<https://youtu.be/pXKvoIWcdCI>

<http://ecogreen.radenfatah.ac.id/index.php/komit-indonesia-bersih-1-000-mahasiswa-baru-uin-raden-fatah-palembang-tanam-pohon-di-kampus-b/>

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### [2] Energy and Climate Change (EC)

#### [2.1] Energy Efficient Appliances Usage (EC.1)



Use of LED light bulbs and fans in the theater



Fan in one of the classrooms



LED Light Bulbs of the lecturer room



LED Light Bulbs in one of the faculty floor

Appliance	2022		
	Total Number	Total number energy Efficient appliances	Percentage
LED lamp	9030	7480	82.83%
Fan/AC	1328	550	41.42%
Average Percentage	62.13%		

Percentage of energy use efficiency at UIN Raden Fatah Palembang

**Description:**

Savings in energy use at UIN Raden Fatah rose to 62.13%. This shows an increase of 2.13% in 2022 from 60% in 2021. This increase is due to the replacement of non-LED light bulbs to 450 LED light bulbs scattered in various spaces.

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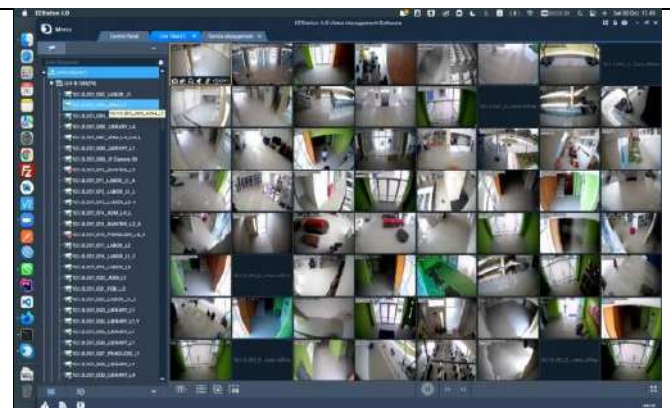
### [2] Energy and Climate Change (EC)

#### [2.3] Smart building implementation (EC.2)

No	Name	Place	Automation		Safety				Energy		Water		Indoor environment				lighting				Building Area m <sup>2</sup>
			B1	B2	S1	S2	S3	S4	E1	E2	A1	A2	I1	I2	I3	I4	L1	L2	L3	L4	
1	UIN Raden Fatah (Gedung Rafah Tower)	Palembang		x		x	x	x			x	x	x	x		x				x	6720
2	UIN Raden Fatah (Gedung Akademik Centre)	Palembang		x		x	x	x			x	x	x	x		x				x	2700
3	UIN Raden Fatah (Gedung Rektorat)	Palembang		x		x	x	x			x	x	x	x		x				x	1600
4	UIN Raden Fatah (Kampus B)	Palembang	x	x	x	x	x	x		x	x	x	x	x	x	x				x	16000
<b>Total</b>																				<b>27020</b>	



Library is a one of smart building on UIN Raden Fatah



Screen of room control



Control room on campus B

Rafah Tower in Campus A

**Description:**

\* Total Building Area : 97484 m<sup>2</sup>

$$\frac{27020}{97484} \times 100\% = 27.72\%$$

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### [2] Energy and Climate Change (EC)

#### [2.5] Renewable Energy Sources and Their Capacity (in kilowatt-hour)



Solar panels on the roof top of the administrative building



Checking solar panels on the roof top of the administrative building



Wind power in UIN Raden Fatah Palembang



LED Light Bulbs in one of the faculty floor

#### Description:

UIN raden fatah already has 2 sources of alternative energy. These renewable energy sources include solar panels and wind turbines. Solar panels have a capacity of 8 kWh with an estimated daily production of 40.5 kW/day or 14782.5 kWh/year. While the wind turbine has a total power of 2190 kWh/year.

#### Additional evidence link:

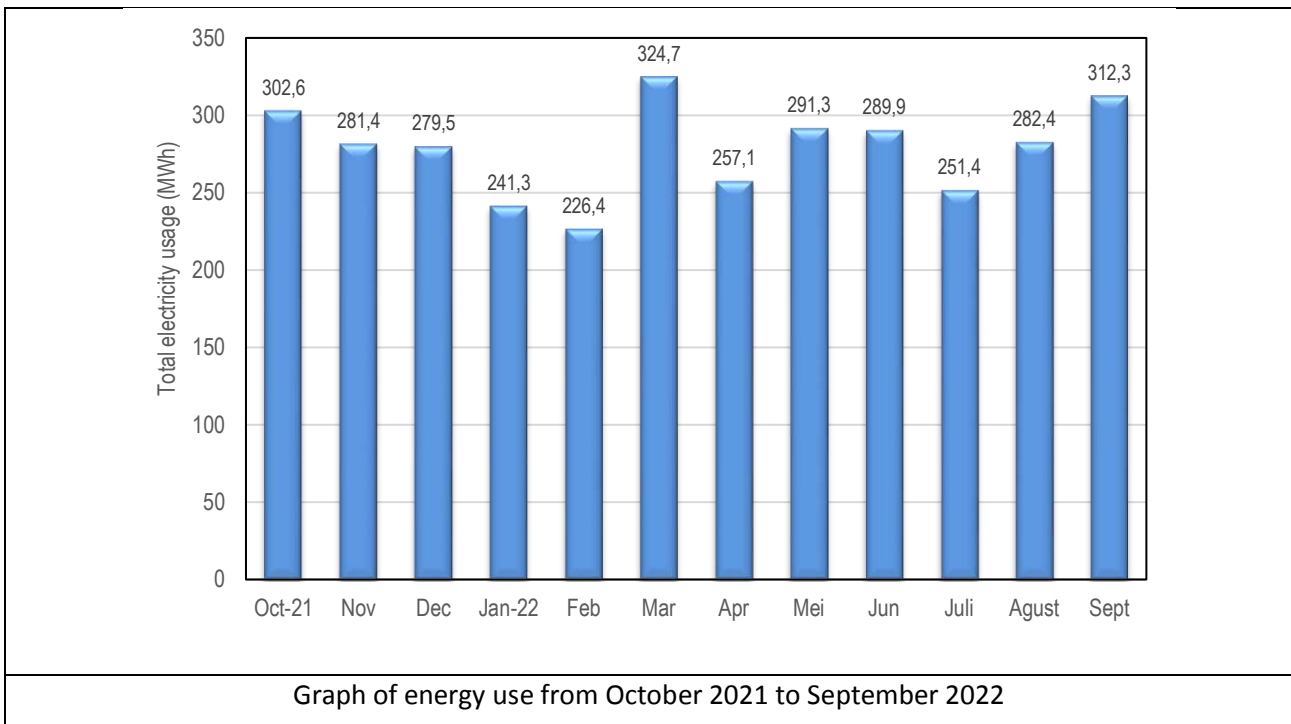
<https://drive.google.com/file/d/18k8U7n334K8Z93CiQcmsUjC1wBjb1RIC/view?usp=sharing>

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### [2] Energy and Climate Change (EC)

#### [2.6] Electricity Usage Per Year (in kilowatt-hour)



#### Description:

The total use of electrical energy at UIN Raden Fatah Palembang during October 2021 to September 2022 is 3340064 kWh/year. This number tends to increase from the previous year as a result of the re-enactment of face-to-face lectures while still complying with the applicable health protocols. The percentage increase is 775136 kWh/year or 30.2%. As a form of concern for energy saving, the Chancellor issued a policy to always save energy which is stated in the Rector's Decree Number 1790 of 2022.

#### Additional evidence link:

[https://drive.google.com/file/d/1BTh9VPTGv98r5BHmRXiLcWKOxVEcz\\_DD/view?usp=sharing](https://drive.google.com/file/d/1BTh9VPTGv98r5BHmRXiLcWKOxVEcz_DD/view?usp=sharing)  
[https://drive.google.com/file/d/1mBL4\\_JZhZs-1s5cvgQFuzkDgIUkt6k6l/view?usp=sharing](https://drive.google.com/file/d/1mBL4_JZhZs-1s5cvgQFuzkDgIUkt6k6l/view?usp=sharing)  
<https://drive.google.com/drive/folders/1T8teRF7vudshcC2Prbvwykb5Pijrmljk?usp=sharing>



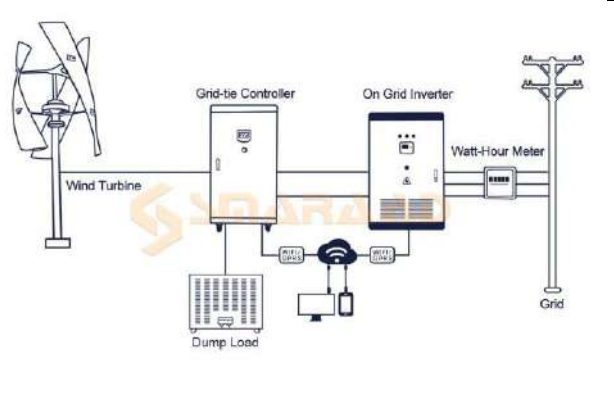



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### [2] Energy and Climate Change (EC)

#### [2.8] The Ratio of Renewable Energy Production Divided By Total Energy Usage Per Year (EC.5)

	
<p>Solar panels on the roof top of the administrative building</p>	<p>Checking solar panels on the roof top of the administrative building</p>
	
<p>Wind turbine installation scheme at Raden Fatah State Islamic University Palembang</p>	<p>Wind power as the second renewable energy source in UIN Raden Fatah Palembang</p>

#### Description:

No	Renewable Energy	Production (in kWh)
1	Solar power	14782.5
2	Wind power	2190
	<b>Total</b>	<b>16972.5</b>

Total energy usage per year: 3340064 kWh



$$\text{Ratio of Renewable Energy Production} = \frac{16972.5}{3340064} \times 100\% = 0.51\%$$

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### [2] Energy and Climate Change (EC)

#### [2.9] Elements of green building implementation as reflected in all construction and renovation policies (EC.6)

	
<p>Natural lighting in the campus building B UIN Raden Fatah Palembang</p>	<p>4 Faculties and library buildings of UIN Raden Fatah Palembang which implement green building</p>
	
<p>Utilization of air ventilation on one of the floors of Kamous A UIN Raden Fatah Palembang</p>	<p>Room conditions that utilize natural lighting</p>

#### Description:

Most UIN Raden Fatah Palembang buildings have implemented the standard requirements of green buildings (all campus B buildings and most of Campus A), such as natural ventilation, natural lighting, and the placement of several plants in each room. For the construction and renovation of buildings at UIN Raden Fatah Palembang in the future to continue to apply the green building concept, a decree was issued from the Chancellor regarding this matter (Rector's Decree Number 2110 of 2022).



**Additional evidence link:**

<https://drive.google.com/file/d/1d9eOrHoUN8Pch8y7GT5ytRb4YnWgSePI/view?usp=sharing>


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### [2] Energy and Climate Change (EC)

#### [2.10] Greenhouse gas emission reduction program (EC.7)

	
<p>The entrance and exit gate of the B UIN Raden Fatah Palembang campus</p>	<p>Installing solar panels as an effort to reduce emissions</p>
	
<p>Charge parking in UIN Raden Fatah Palembang</p>	<p>No smoking regulations on campus</p>

 <p><b>SELAMAT DATANG ANDA MEMASUKI KAWASAN KAMPUS UIN RADEN FATAH PALEMBANG</b></p> <p><b>STOP</b></p> <p>SEBELUM PARKIR DI AREA KAMPUS, PASTIKAN KENDARAAN ANDA TELAH MELAKUKAN UJI EMISI</p> <p>ecogreen.radenfatah.ac.id</p>	 <p><b>Car Free Day</b> UIN Raden Fatah Palembang Hari Bebas Kendaraan Bermotor</p> <p>Setiap <b>Jum'at Sabtu Ahad</b></p> <p>Jam 06.00 s.d 11.00 WIB</p> <ul style="list-style-type: none"> <li>Seluruh area kampus bebas dari kendaraan bermotor</li> <li>Bagi yang membawa kendaraan bermotor disediakan area parkir di kanan dan kiri pos satpam setelah jalur merah.</li> <li>Berlaku untuk seluruh sivitas akademika dan masyarakat umum.</li> <li>Wajib menggunakan masker saat memasuki area kampus.</li> </ul> <p>ecogreen.radenfatah.ac.id</p>
<p>Emission testing policy for every vehicle that enters campus</p>	<p>Flyer for the implementation of car free day at UIN Raden Fatah Palembang</p>

**Description:**

UIN Raden Fatah Palembang is very concerned about reducing greenhouse gas emissions in the campus environment. Efforts to support the activities of UIN Raden Fatah Palembang have established several rules and policies such as:

1. Get in and out of the vehicle only through one door
2. renewable energy sources such as solar panels
3. Every vehicle that enters has carried out an emission test
4. carry out car free day activities for 2 (two) times a month
5. no smoking policy on campus

**Additional evidence link:**

[https://drive.google.com/file/d/1Fd\\_wx7VjDkzfm35UXCbyX1XK039lh7/view?usp=sharing](https://drive.google.com/file/d/1Fd_wx7VjDkzfm35UXCbyX1XK039lh7/view?usp=sharing)

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### [2] Energy and Climate Change (EC)

#### [2.11] Total carbon footprint (CO<sub>2</sub> emission in the last 12 months, in metric tons)

CO <sub>2</sub> (electricity)	$= \frac{3340064}{1000} \times 0.84$ $= 2805.65 \text{ metric tons}$
CO <sub>2</sub> (Shuttle)	$= \frac{0 \times 0 \times 0 \times 240}{100} \times 0.01$ $= \frac{0}{100} \times 0.01$ $= 0 \text{ metric tons}$
CO <sub>2</sub> (Car)	$= \frac{208 \times 2 \times 1 \times 240}{99840} \times 0.02$ $= \frac{100}{99840} \times 0.02$ $= 19.97 \text{ metric tons}$
CO <sub>2</sub> (Motorcycle)	$= \frac{706 \times 2 \times 1 \times 240}{338880} \times 0.01$ $= \frac{100}{338880} \times 0.01$ $= 33.89 \text{ metric tons}$
<b>Total emission per year</b>	$= 2805.65 + 0 + 19.97 + 33.89 \text{ metric tons}$ $= 2859.51 \text{ metric tons}$

#### Description:





For one year (October 2021-September 2022), 208 cars and 706 motorbikes entered the campus environment, both campuses A and B. All these vehicles are used by part of the campus population, so the total emission per year at UIN Raden Fatah Palembang is 2859.51 metric tons.

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### [2] Energy and Climate Change (EC)

#### [2.13] The number of innovative program(s) in Energy and Climate Change (EC.9)

	
<p>Smoke sensor in the classroom</p>	<p>No smoking in the building</p>
	
<p>Planting 5000 trees in the B campus area of UIN Raden Fatah Palembang in collaboration with the Musi KLHK Watershed Management Center (BPDAS) and the Regional I Palembang Forest Plant Seedling Center (BPTH) (KLHK)</p>	<p>Rector's remarks in the new student ecogreen campus day activity "Gerakan Menanam Pohon"</p>





Implementation of the Chancellor's Decree regarding tree planting in the campus environment

**Description:**

UIN Raden Fatah Palembang's effort to provide comfort and fresh air for the campus population is to install smoke sensors in every room. This sensor will give a sound warning if the sensor detects smoke. The campus has also appealed through the rector's circular regarding the ban on smoking in the campus environment. Then as an effort in the new climate change mitigation problem, the campus provides a solution for the implementation of tree planting in the campus environment, as stated in the Decree regarding tree planting campus greening activities.

**Additional evidence link:**

1. <http://ecogreen.radenfatah.ac.id/index.php/penanaman-5-000-pohon-untuk-meningkatkan-produksi-oksigen-lingkungan-yang-lebih-baik/>
2. <http://ecogreen.radenfatah.ac.id/index.php/peduli-bumi-dosen-uin-raden-fatah-palembang-ajak-mahasiswa-baru-tanam-pohon/>
3. [https://drive.google.com/drive/folders/1x0dRBBsFYLh9eEP6R4Wru\\_Zk\\_Jz3yrLI?usp=sharing](https://drive.google.com/drive/folders/1x0dRBBsFYLh9eEP6R4Wru_Zk_Jz3yrLI?usp=sharing)

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### [2] Energy and Climate Change (EC)

#### [2.14] Impactful University Program(s) on Climate Change

	
<p>Program to planting 600 trees on campus and residential areas around campus by new students</p>	<p>300 out of 600 trees by new students in residential areas around campus</p>
	
<p>Group photo of community service activities at MA Al-Fatah Palembang</p>	<p>Demonstration of making hand washing sensor</p>

#### Description:

Several programs carried out by UIN Raden Fatah Palembang in climate change are tree planting programs in the Jakabaring area. New students and the academic community of UIN Raden Fatah Palembang carried out this activity by planting 600 trees. A total of 300 trees were planted on community land around the campus. Then there is the Chancellor's circular regarding sustainable research. Following up on this circular, students of the physics education study program have conducted research (mini research) related to the manufacture of automatic handwashing sensors using infrared sensors.

#### Additional evidence link:

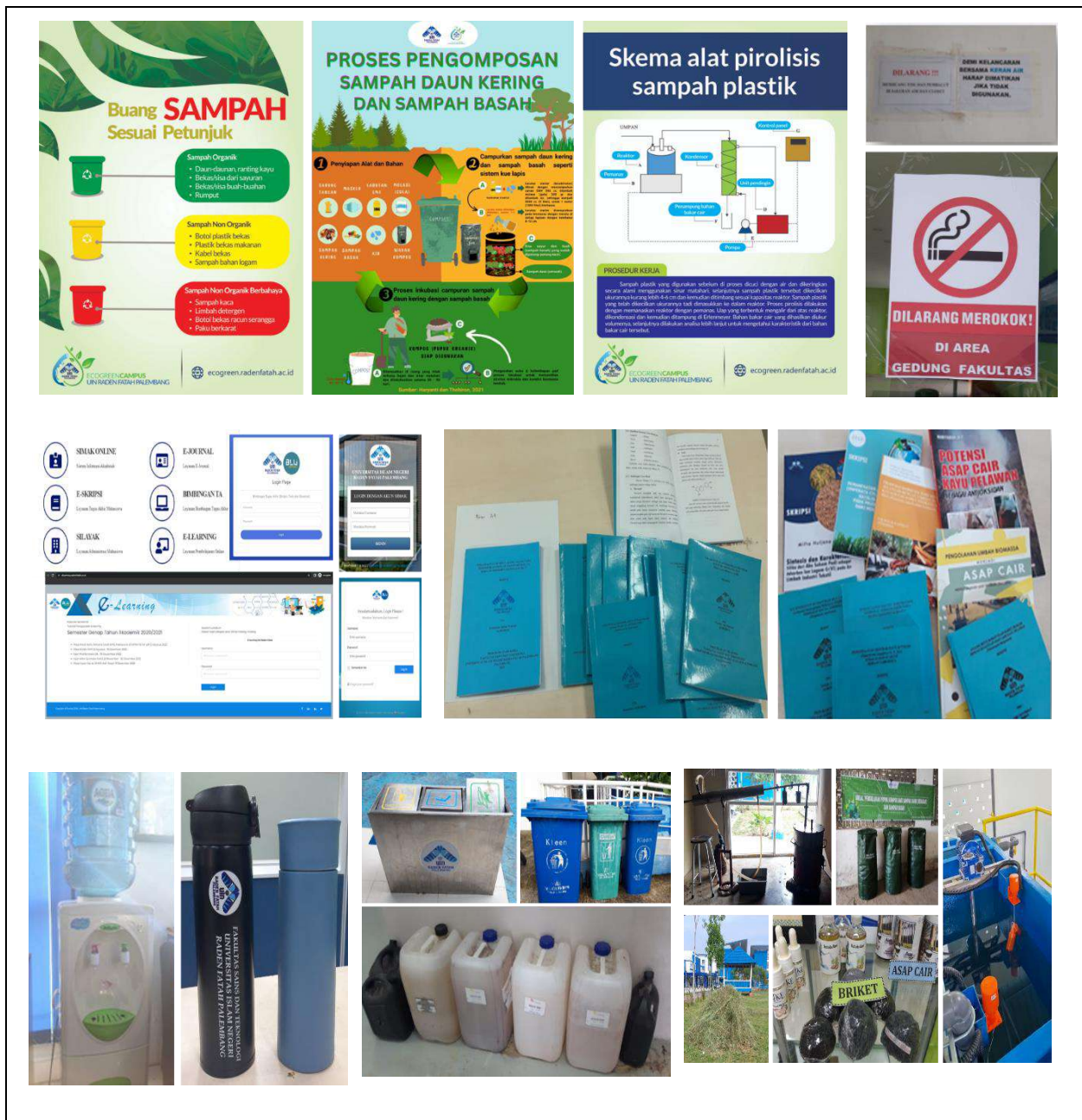
1. <https://drive.google.com/file/d/1S-zhKyuxH0N2q6BpixrVxHvbgXYHkbFA/view?usp=sharing>
2. <http://ecogreen.radenfatah.ac.id/index.php/peduli-bumi-dosen-uin-raden-fatah-palembang-ajak-mahasiswa-baru-tanam-pohon/>

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## [3] Waste (WS)

### [3.1] Recycling program for university's waste (WS.1)



**Description:**

UIN Raden Fatah Palembang's concern for the environment is reflected in the policies made regarding waste and saving water use. Efforts to disseminate waste and save water policies are carried out through leaflets that are distributed on the campus website or posted in public places around the campus. In addition, UIN Raden Fatah Palembang implements the 5Rs consistently, namely reduce, reuse, recycle, replace, and replant in campus environment.

Nowadays, the UIN Raden Fatah Palembang has fully carried out the processing independently of organic (garbage, discarded vegetable, food, and plant matter), inorganic (plastic waste), and B3 waste. The campus provides three types of garbage boxes (organic waste, inorganic waste, and food waste) as an effort to sort out the types of waste. Meanwhile, B3 waste from the laboratory is placed in a different container.

These are several recycling programs of UIN Raden Fatah Palembang that has been doing:

1. Policies the use of paper and plastic in the campus environment
2. Maximizing online applications and other media for administrative purposes (e-office, e-learning, e-skripsi, silayak, bimbingan TA).
3. Diversion of serving consumption in paper boxes and plastic drinking bottles into environmentally friendly materials
4. Provision of drinking bottles to the civitas academica of UIN Raden Fatah Palembang
5. Provision of drinking water (gallon) at several points in the campus environment
6. Provision of garbage boxes according to the type of garbage in the office environment, in each lecture building, canteens, and public places on campus
7. Implementation the 5Rs consistently, namely reduce, reuse, recycle, replace, and replant in campus environment.

**Additional evidence link:**

1. [https://drive.google.com/file/d/1CXzzTk--44Vkc\\_hxYr1tHnf1VMGYaoly/view](https://drive.google.com/file/d/1CXzzTk--44Vkc_hxYr1tHnf1VMGYaoly/view)
2. <http://e-skripsi.radenfatah.ac.id/>
3. <https://silayak.radenfatah.ac.id/>
4. <https://bimbingan-ta.radenfatah.ac.id/index.php/auth>
5. <https://elearning.radenfatah.ac.id/>

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## [3] Waste (WS)

### [3.2] Program to reduce the use of paper and plastic on campus (WS.2)



The collage consists of several parts:

- Digital Evidence:** Screenshots of the university's digital services: SIMAK ONLINE (Sistem Informasi Akademik), E-JOURNAL (Layanan E-Journal), Bimbingan TA (Layanan Bimbingan Tugas Akhir), E-LEARNING (Layanan Pembelajaran Online), E-SKRIPSI (Layanan Tugas Akhir Mahasiswa), and SILAYAK (Layanan Administrasi Mahasiswa). It also shows the Q-Learning platform for the 2020/2021 semester and a login page for the Paperless Office System.
- Physical Evidence:**
  - Stacks of blue folders and brochures, some titled "POTENSI ASAP CAIR KAYU BELAWAN" and "ASAP CAIR".
  - A water dispenser with a blue thermal bottle in front of it.
  - A blue thermal bottle with the university's logo and name: "FAKULTAS SAINS DAN TEKNOLOGI UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG".
- Informational Posters:**
  - Buang SAMPAH Sesuai Petunjuk:** A poster showing three types of waste disposal: Organic (green bin), Non-Organic (yellow bin), and Non-Organic Hazardous (red bin).
  - PROSES PENGOMPOSAN SAMPAH DAUN KERING DAN SAMPAH BASAH:** A poster detailing the composting process in three steps: 1. Preparation of tools and materials, 2. Mixing dry and wet waste, and 3. Incubation of the mixture.
  - Skema alat pirolisis sampah plastik:** A technical diagram of a plastic pyrolysis system with components like Reaktor, Kondensor, and Pompa.

**Description:**

UIN Raden Fatah Palembang supports a paperless system in daily work in order to reduce the waste produced by the campus. UIN Raden Fatah Palembang has a policy regarding the use of paper and plastic in the campus environment. Several programs have been running related to paper and plastic reduction such as:

1. In all administrative processes use e-office applications
2. In the learning process, material distribution, report collection, and student assignments are collected in softfile form through the e-learning application UIN Raden Fatah Palembang
3. For purposes that really have to use paper such as a thesis was printed in B5 format and printed on both sides
4. The mentoring process is also carried out online using office applications (e-skripsi, silayak, bimbingan TA)
5. Diversion of serving consumption in paper boxes into environmentally friendly materials
6. Provision of drinking bottles to the civitas academica of UIN Raden Fatah Palembang to decrease plastic usage
7. UIN Raden Fatah Palembang has a policy "Reduce the reuse of plastic bags by creating a pyrolysis program. In the last 3 years, we can reduce about 100 kg bags per year or reduce 90% plastic waste in universities".
8. UIN Raden Fatah always educates about the functions and types of waste with a banner program. Besides that, waste treatment is also a research topic for students' final assignments.
9. The university makes a policy to reduce paper and plastic for all university community members through the Rector's Decree No. 1484 of 2022.

**Additional evidence link:**

1. [https://drive.google.com/file/d/1CXzzTk--44Vkc\\_hxYr1tHnf1VMGYaoly/view](https://drive.google.com/file/d/1CXzzTk--44Vkc_hxYr1tHnf1VMGYaoly/view)
2. <https://e-office.radenfatah.ac.id/>
3. <http://e-skripsi.radenfatah.ac.id/>
4. <https://silayak.radenfatah.ac.id/>
5. <https://bimbingan-ta.radenfatah.ac.id/index.php/auth>
6. <https://elearning.radenfatah.ac.id/>

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [3] Waste (WS)

#### [3.3] Organic waste treatment (WS.3)



#### Description:

Organic waste includes garbage, discarded vegetables, food, and plant matter were collected from offices, food courts, and parks, which were then transported to the UIN Raden Fatah Palembang garbage bank, which was then processed into bio compost. While biomass was used to produce liquid smoke and briquettes. The liquid smoke was then carried out by the research to be used as preservative, rubber coagulant, etc.

#### Additional evidence link:

1. <http://ecogreen.radenfatah.ac.id/index.php/tim-ecogreen-campus-uin-raden-fatah-palembang-manfaatkan-sampah-daun-kering-menjadi-pupuk-kompos/>
2. [https://www.youtube.com/watch?v=gS-hCOpE\\_LI](https://www.youtube.com/watch?v=gS-hCOpE_LI)

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### [3] Waste (WS)

#### [3.4] Inorganic waste treatment (WS.4)



#### Description:

In the last three years, UIN Raden Fatah Palembang, through students and lecturers, has conducted research in the context of reducing and processing waste, such as using plastic waste into fuel through pyrolysis, utilizing biomass waste to produce bio-briquettes as a fuel alternative. Inorganic waste treatment process is centralized in an integrated laboratory.

#### Additional evidence link:

<https://drive.google.com/file/d/1uqS3i53u9CRSp4aYECiuJxiEo65TEH-K/view?usp=sharing>



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### [3] Waste (WS)

#### [3.5] Toxic waste treatment (WS.5)



#### Description:

UIN Raden Fatah Palembang has fully carried out the processing independently of toxic waste. Toxic waste mostly comes from activities in the laboratory. The experimental waste is collected and then transported to be processed at the toxic waste treatment plant. The particular sink in the laboratory is connected to the wastewater treatment plant so that the waste from the testing process goes directly to the wastewater treatment tank. Liquid waste containing toxic waste is treated with a specific physical-chemical-biological treatment system, and after meeting the quality standards, can discharge the liquid waste into the environment.

#### Additional evidence link:

<https://drive.google.com/file/d/1XcxjGrXd7UNCKKaTmbDvWf3E9r2udyUz/view?usp=sharing>

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### [3] Waste (WS)

#### [3.6] Sewage disposal (WS.6)



#### Description:

At UIN Raden Fatah Palembang, liquid waste generated from the toilets of office buildings, including the laboratory building, goes directly into the chamber. These spaces have sufficient capacity to accommodate liquid waste and are built with adequate qualifications so that liquid waste does not instantly contaminate the soil. Optimization of the treatment of liquid waste and re-cycle efforts, the Campus B area is equipped with an integrated sewage treatment plant (STP), currently being revitalized and developed for optimum functionality.

#### Additional evidence link:

1. [https://drive.google.com/file/d/1IKp1a4wha9T8mYftZ\\_gUTBAQ1Qc8wy5i/view?usp=sharing](https://drive.google.com/file/d/1IKp1a4wha9T8mYftZ_gUTBAQ1Qc8wy5i/view?usp=sharing)
2. <https://drive.google.com/file/d/10gURmCyNrmncD5BPHH1vLHAYhJyzmcaT/view?usp=sharing>

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### [4] Water (WR)

#### [4.1] Water Conservation Program Implementation



Water Conservation – Rain Water Collection (UIN Raden Fatah Palembang, Indonesia)



Water Conservation – Biopori in UIN Raden Fatah Palembang, Indonesia



Water Conservation – Canals (UIN Raden Fatah Palembang, Indonesia)



Water Conservation – Lake/Embung (UIN Raden Fatah Palembang, Indonesia)



Water Conservation UIN Raden Fatah Palembang, Indonesia



Water Conservation: In Ground Water Tank (UIN Raden Fatah Palembang, Indonesia)

**Description:**

1. All buildings of UIN Raden Fatah Palembang have separate sewage systems for wastewater and clean water (rainwater). Rainwater is collected from the roofs of buildings and then discharged into local canals and reservoirs within the campus area. The university also has a facility where rainwater is collected for flushing toilets and watering plants inside the building. On campus, we have a separate (self-contained) waste disposal system and development for recycling utilization.
2. In the open area of the UIN Raden Fatah Palembang campus, there are 2,000 biopore holes to support groundwater conservation.
3. The clean water used on campus comes from the Palembang Regional Drinking Water Company.

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### [4] Water (WR)

#### [4.2] Water Recycling Program Implementation



Water Recycling Program Implementation in UIN  
Raden Fatah Palembang, Indonesia

Water Recycling Program Implementation



Example of Water Recycling Program (UIN Raden Fatah Palembang, Indonesia)



Example of Water Recycling Program (UIN Raden Fatah Palembang, Indonesia)

**Description:**

A water meter is installed to measure the amount of rainwater used. Recycled water is also used for garden sprinkler systems, flush toilets, cooling systems, aquaponics, and fish ponds. Development and revitalization for the integrated use of recycled water are underway. Namely, domestic wastewater is collected from all buildings for primary-secondary treatment and subsequently for reuse (recycling).

**Additional evidence link:**

<https://drive.google.com/drive/folders/1Fil744Qu1Lhpzw5oUruwkj8VIGiw9t5m?usp=sharing>

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### [4] Water (WR)

#### [4.3] Water Efficient Appliances Usage (e.g. hand washing taps, toilet flush, etc.)



Example of Water Efficient Appliances Usage, include disability access (UIN Raden Fatah Palembang, Indonesia)

#### Description:

Some examples of water conservation measures include, cisternisers (automatic control of urinal flushing), waterless urinals, low flush WC's and low flo taps and automatic taps.

Appliance	Total Number	Total Number Water Efficient Appliances	Percentage
Toilet	423	375	88.65%
Waterless Urinals	141	125	88.65%
Wastafel	251	221	88.04%
		<b>Average Percentage</b>	<b>88.45%</b>

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### [4] Water (WR)

#### [4.4] Consumption of Treated Water



Consumption of Treated Water in UIN Raden Fatah Palembang, Indonesia

#### Description:

1. Students and employees consume water installation from treated water in the central dormitory of Raden Fatah State Islamic University Palembang.
2. UIN Raden Fatah Palembang has an integrated domestic wastewater treatment plant and is currently being revitalized for recycling.
3. The clean water on campus comes from the Palembang Regional Drinking Water Company.



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### [4] Water (WR)

#### [4.5] Water Pollution Control in The Campus Area





Example of water pollution control with WWTP in the campus area  
of UIN Raden Fatah Palembang, Indonesia

**Description:**

Liquid waste from laboratories contains pollutants from hazardous and toxic chemicals. Wastewater from the integrated laboratory of UIN Raden Fatah Palembang is treated at WWTP with specific physical-chemical and biological systems to meet the quality standards of liquid waste before being discharged or utilized into the environment. The WWTP is regularly maintained and tested for the quality of the inlet and outlet wastewater to keep its treatment quality.

**Additional evidence link:**

<https://drive.google.com/file/d/1XcxGrXd7UNCKKaTmbDvWf3E9r2udyUz/view?usp=sharing>

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### [5] Transportation (TR)

#### [5.4] The total number of vehicles (cars and motorcycles) divided by total campus population

No	Vehicle	Total Number
1	Car managed by the university	53
2	Cars entering the university	208
3	Motorcycles entering the university	706
	Total	967

$$[5.4] = 967 / 21935 \text{ (population)} = 0.044$$



Car and motorcyle in campus UIN Raden Fatah Palembang



Implementation of the road movement for the academic community



Get in and out of cars and motorbikes



Integration LRT and online transportation



Riding a bike and the slogan "Healthy Friday"

#### Description:

Vehicles were calculated from random mobility sampling for three months, then an average of 12 months. During the transition period after the COVID-19 pandemic, there was an increase in the mobilization of stakeholders on campus. Mobilization by cars and motorbikes is still being responded to with calls every Friday to reduce carbon emissions by using public transportation and the following:

1. Light Rail Transit (LRT) public transportation
2. Online transportation
3. Pilot shuttle buses to campus
4. Ride a bike and the slogan "Healthy Friday"
5. Walk

#### Additional evidence link:

[https://drive.google.com/file/d/18dMfyu64iPdyd\\_njYvmI32BPQ8KOGGgP/view?usp=sharing](https://drive.google.com/file/d/18dMfyu64iPdyd_njYvmI32BPQ8KOGGgP/view?usp=sharing)  
<https://drive.google.com/file/d/1c9sfhG64qkRvrza0NtEvkbb4DKaUVH2r/view?usp=sharing>

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Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [5] Transportation (TR)

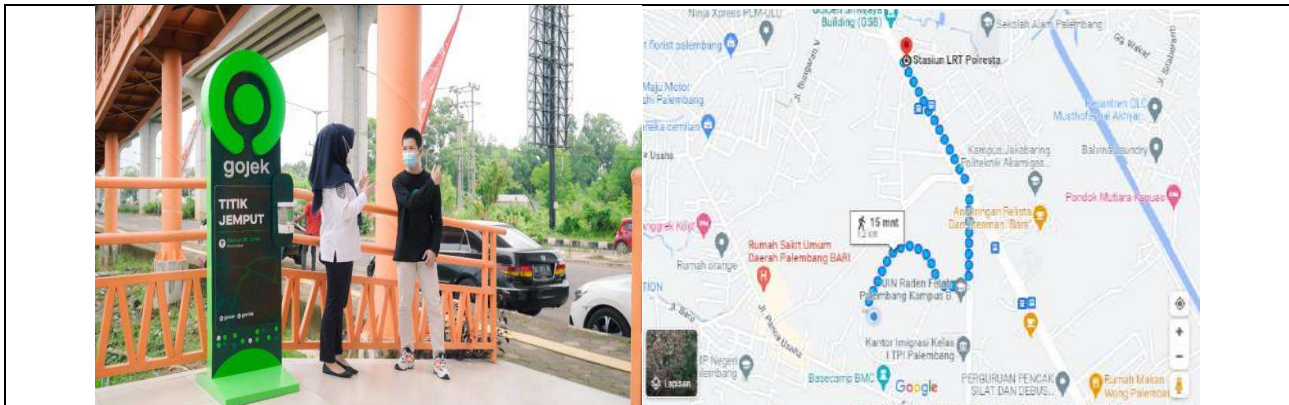
#### [5.5] Shuttle Service (TR.2)



Bus for the trial implementation of the shuttle



Mini bus for campus community activities



Integration of LRT and Campus transportation modes



Shuttle bus and online transportation drop out

**Description:**

The pick-up service at UIN Raden Fatah Palembang will be programmed next year using an integrated transportation mode. The form of university support is to provide shuttle vehicles for campus community members (especially employees and lecturers) for the trial period of application (2 times a month), with the furthest distance of 15 km.

**Additional evidence link:**

<https://drive.google.com/file/d/17HYCDMOc-VFXdWgk1I7DauogZOXVHBr9/view?usp=sharing>

<https://drive.google.com/drive/folders/1OerB0gIVTz2YuvH0XpRxbtexM9P4kIRm?usp=sharing>

## Template for Evidence(s) UI GreenMetric Questionnaire

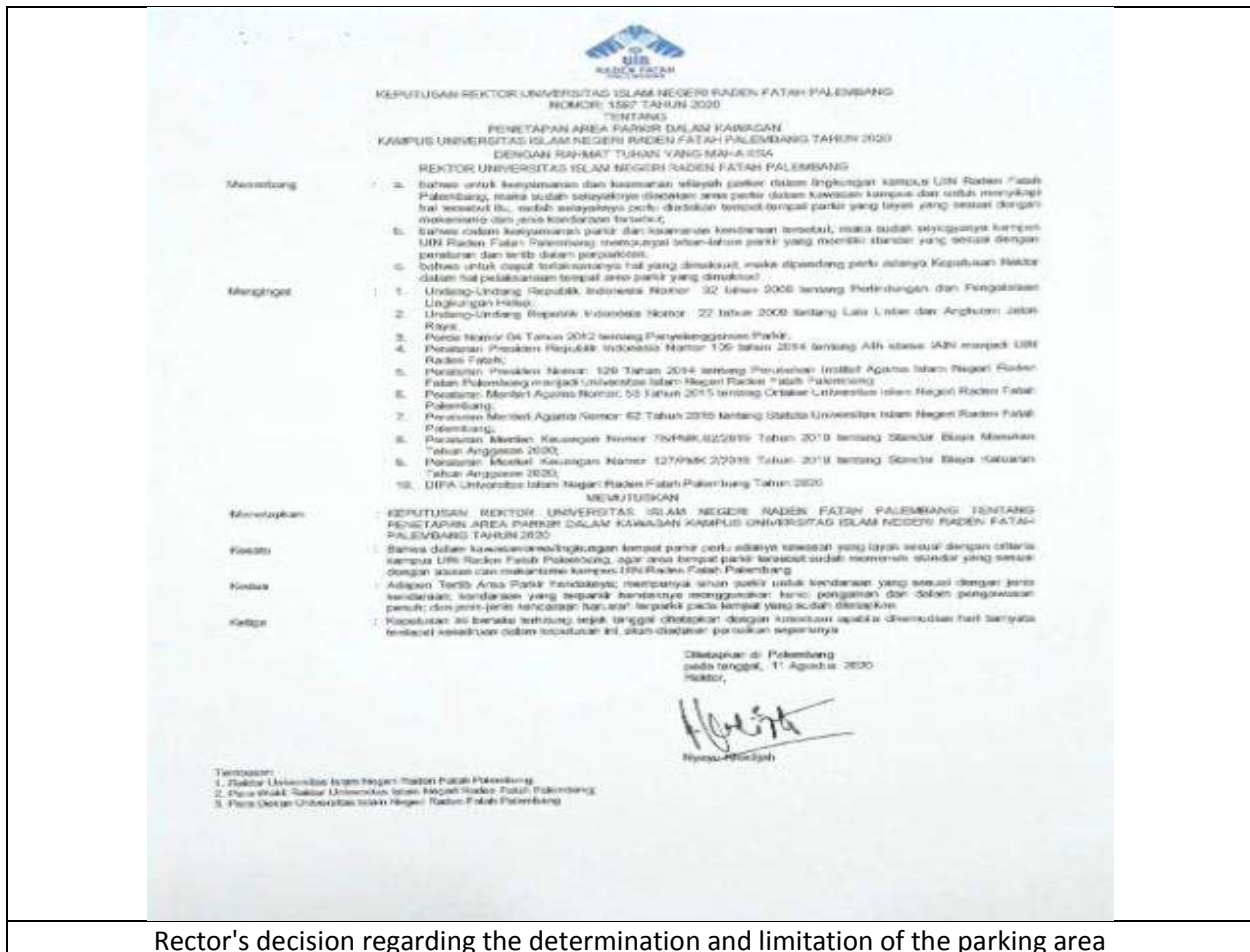
University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [5] Transportation (TR)

#### [5.9] Zero Emission Vehicles (ZEV) Policy on Campus

	
<p>(i) The provision of bicycle facilities in stages; (ii) Poster for control efforts through an appeal for vehicle emission tests</p>	
	
<p>Zero emission poster with bicycle</p>	<p>Pedestrian is comfortable and environmentally friendly</p>





Rector's decision regarding the determination and limitation of the parking area

### Description:

The Rector's decision regarding the determination of parking areas within the campus area is an effort to limit the number of vehicles entering. As a result, not a few students took the initiative to use bicycles as a means of transportation to get to their respective lecture buildings. The university also provides campus bicycles, which are gradually increasing in number, to be used free of charge by the academicians of UIN Raden Fatah Palembang. Apart from the above, all campus residents are advised to use public transportation modes such as LRT and online transportation systems. The above is a form of policy towards Zero Emission Vehicles (ZEV) and realizing a parking area restriction program of < 1% of the total campus area.

### Additional evidence link:

<https://drive.google.com/drive/folders/1blblCQzNihNwC6ulivuBBZiY6BFCj3R?usp=sharing>

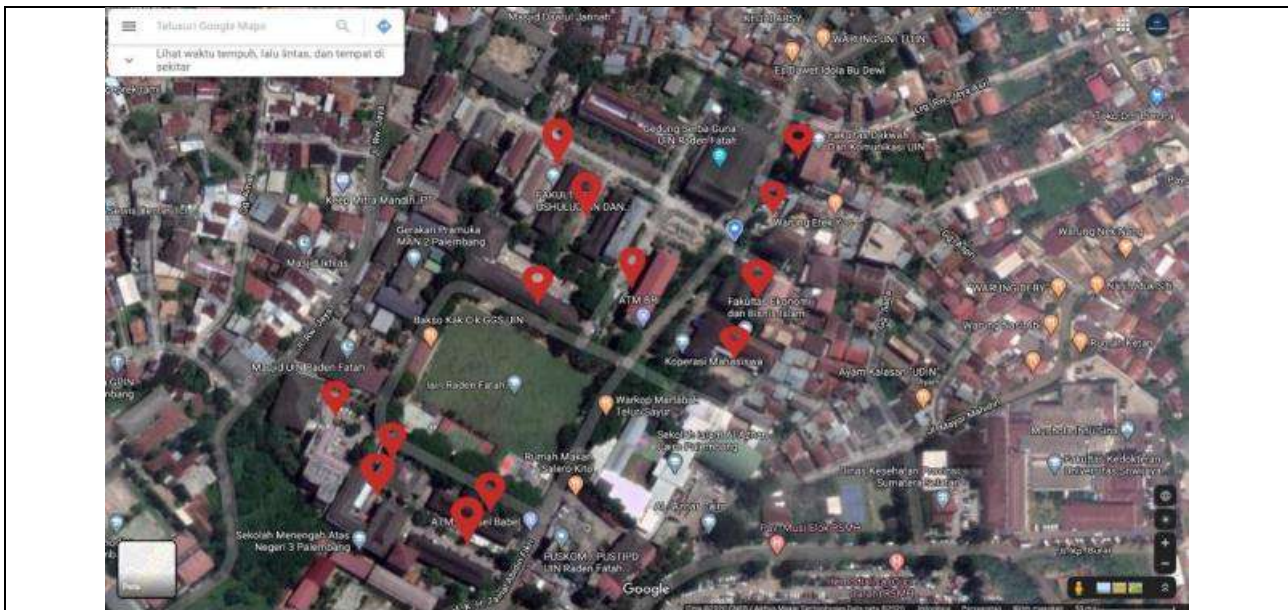
<https://drive.google.com/file/d/17HYCDMOc-VFXdWgk1I7DauogZOXVHBr9/view?usp=sharing>

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 Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [5] Transportation (TR)

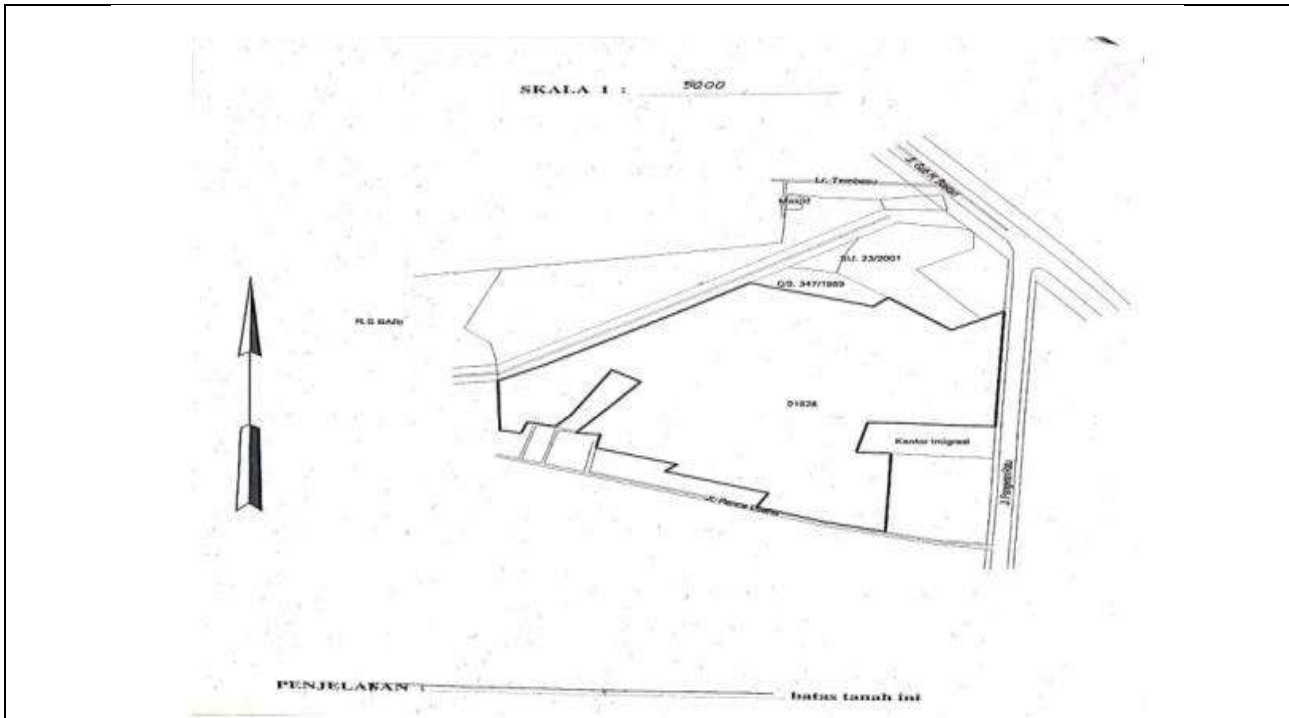
#### [5.13] Ratio of Parking Area to Total Campus Area



Google MAP parking area in Sudirman Campus



Jakabaring Campus parking area



Jakabaring Campus land certificate map



Parking area view

**Description:**

The minimum available parking space is so that the campus community and other parties on campus use public transportation, online transportation, shuttle buses, and different environmentally friendly modes. The minimum parking lot will reduce the number of vehicles that enter the campus area and can reduce carbon emissions in the campus area.

The total area of the main campus: 1252791 m<sup>2</sup>

Total parking area: 8676 m<sup>2</sup>

Ratio: 0.69

## Template for Evidence(s) UI GreenMetric Questionnaire

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### [5] Transportation (TR)

#### [5.14] Program to limit or decrease the parking area on campus for the last 3 years (from 2019 to 2021)



Cooperation with public transportation, government support for LRT subsidies for students



Shuttle bus



Encourage the use of zero-emission vehicles such as bicycles and electric bicycles.



Prohibition of parking outside the parking area



Parking area on Friday

**Description:**

1. Vehicle restriction regulations and "Car Free Day" policy
2. Determination and limitation of campus parking areas through the Rector's Decree
3. Security unit patrols and information on the prohibition of parking vehicles outside the designated location
4. It is recommended to use bicycles and be free to use bicycles in the campus area
5. Trial and development of shuttle bus to campus
6. Development of cooperation for public transportation to and from campus (LRT, online system)
7. Development of a comfortable and environmentally friendly pedestrian

**Additional evidence link:**

[https://drive.google.com/drive/folders/1NCCf-G-2veU\\_pE59XPEGP52sfIjuOliN?usp=sharing](https://drive.google.com/drive/folders/1NCCf-G-2veU_pE59XPEGP52sfIjuOliN?usp=sharing)

<https://drive.google.com/file/d/17HYCDMOc-VFXdWgk1I7DauogZOXVHBr9/view?usp=sharing>

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### [5] Transportation (TR)

#### [5.15] Number of Transportation Initiatives to Decrease Private Vehicles on Campus

	
<p>Transportation system online collaboration</p>	<p>Prohibition of parking outside the parking area</p>
	
<p>LRT train schedules and subsidies for students (in collaboration with PT KAI)</p>	



Shuttle bus and mini bus for sivitas akademika



Provision of bicycles for the academic community



Car free day 2 times per month

### Description

1. Cooperation and development of the use of public transport: LRT, online system, etc.
2. Testing the implementation of the shuttle bus.
3. Provision of minibus facilities (capacity of more than six people) for campus activities.
4. Provision of bicycles for the academic community.
5. Implementation of a car-free day two times a month.
6. Determination and limiting of parking areas.

### Additional evidence link:

[https://drive.google.com/drive/folders/1NCCf-G-2veU\\_pE59XPEGP52sfIjuOliN?usp=sharing](https://drive.google.com/drive/folders/1NCCf-G-2veU_pE59XPEGP52sfIjuOliN?usp=sharing)

<https://drive.google.com/file/d/17HYCDMOc-VFXdWgk1I7DauogZOXVHBr9/view?usp=sharing>

[https://drive.google.com/file/d/1Fd\\_wx7VjDkzfm35UXCbvX1IXKO39Ih7/view?usp=sharing](https://drive.google.com/file/d/1Fd_wx7VjDkzfm35UXCbvX1IXKO39Ih7/view?usp=sharing)

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### [5] Transportation (TR)

#### [5.16] Pedestrian Path Policy on Campus



A safe and comfortable road for pedestrians



The middle of the campus is wide and safe for pedestrians



Green area around pedestrian street



Free area for running and sports on the outside of the canal





Disability friendly and safe path to the building

### Description

UIN Raden Fatah Palembang has pedestrian paths on two sides along the campus road. This pedestrian path has met the aspects of safety and comfort and is equipped with disability-friendly features. The decent and comfortable pedestrian is a manifestation of the campus' concern for the entire academic community of UIN Raden Fatah Palembang. Pedestrian conditions are carried out routine maintenance to keep it functioning and comfortable. Pedestrians and surrounding areas are equipped with lighting that ensures the safety and comfort of users during dark conditions and night activities.

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### [6] Education and Research (ED)

#### [6.1] Number of Courses/Subjects Related to Sustainability Offered

The courses related to sustainability offered at UIN Raden Fatah Palembang in 2022					The courses related to sustainability offered at UIN Raden Fatah Palembang in 2022				
No	Code	Course	Study Program	Faculty	No	Code	Course	Study Program	Faculty
1	BIO 2272	Ekologi Umum	Biologi	Saintek	19	BIO 5873	Toksikologi	Biologi	FST
2	BIO 3282	Ekologi Hewan	Biologi	Saintek	20	BIO 6443	Perencanaan Pengelolaan Laboratorium	Biologi	FST
3	BIO 3291	Praktikum Ekologi Hewan	Biologi	Saintek	21	BIO 6623	Budidaya Tanaman	Biologi	FST
4	BIO 3302	Ekologi Tumbuhan	Biologi	Saintek	22	BIO 6633	Etnobotani	Biologi	FST
5	BIO 3311	Praktikum Ekologi Tumbuhan	Biologi	Saintek	23	BIO 6643	Farmakognisi	Biologi	FST
6	BIO 3352	Pengantar Ilmu Lingkungan	Biologi	Saintek	24	BIO 6682	Pengendalian Biologis	Biologi	FST
7	BIO 3783	Ekologi Laut dan Pesisir	Biologi	Saintek	25	BIO 6691	Praktikum Pengendalian Biologis	Biologi	FST
8	BIO 4322	Ekologi Perairan	Biologi	Saintek	26	BIO 6742	Mikrobiologi Pangan	Biologi	FST
9	BIO 4331	Praktikum Ekologi Perairan	Biologi	Saintek	27	BIO 6751	Praktikum Mikrobiologi Pangan	Biologi	FST
10	BIO 4773	Pencemaran Lingkungan	Biologi	Saintek	28	BIO 6783	Mikrobiologi Industri	Biologi	FST
11	BIO 5733	Mikrobiologi Lingkungan	Biologi	Saintek	29	BIO 6803	Pengelolaan Lahan Pasang Surut Gambut	Biologi	FST
12	BIO 5382	Biodiversitas	Biologi	Saintek	30	BIO 6813	Pengelolaan Sumber Daya Alam	Biologi	FST
13	BIO 5392	Biokonservasi	Biologi	Saintek	31	BIO 6823	Pengantar Bioteknologi	Biologi	FST
14	BIO 5402	Biogeografi	Biologi	Saintek	32	KIM 3102	Kimia Bahan Makanan	Kimia	FST
15	BIO 5432	Ekologi Lahan Basah	Biologi	Saintek	33	KIM 5432	Kimia Lingkungan	Kimia	FST
16	BIO 5793	AMDAL	Biologi	Saintek	34	KIM 5442	Analisis Klinik dan Forensik	Kimia	FST
17	BIO 5412	Kultur Jaringan	Biologi	Saintek	35	KIM 5472	Energi Baru dan Terbarukan	Kimia	FST
18	BIO 5421	Praktikum kultur Jaringan	Biologi	Saintek	36	KIM 5482	Manajemen Pangan Halal	Kimia	FST

The courses related to sustainability offered at UIN Raden Fatah Palembang in 2022					The courses related to sustainability offered at UIN Raden Fatah Palembang in 2022				
No	Code	Course	Study Program	Faculty	No	Code	Course	Study Program	Faculty
37	KIM 5492	Kimia Organik Bahan Alam	Kimia	FST	56	SIN 4372	Praktikum Basis Data	Sistem Informasi	FST
38	KIM 5502	Sintesis dan Analisis Senyawa Organik	Kimia	FST	57	SIN 5284	Basis Data Lanjut	Sistem Informasi	FST
39	KIM 5522	Sintesis dan Karakterisasi Material Anorganik	Kimia	FST	58	MSI 5434	Tata Kelola TI	Sistem Informasi	FST
40	KIM 5532	Bioteknologi	Kimia	FST	59	MSI 5444	E-Government	Sistem Informasi	FST
41	KIM 5542	Biokimia Mikroba	Kimia	FST	60	SIN 5302	Jaringan Komunikasi Data	Sistem Informasi	FST
42	KIM 6353	Kimia Industri	Kimia	FST	61	SIN 5312	Praktikum Jaringan Komunikasi Data	Sistem Informasi	FST
43	KIM 6352	Teknologi Limbah	Kimia	FST	62	IPF 4292	Ilmu Bumi dan Antariksa	Pend. Fisika	FITK
44	KIM 6562	Sistem Manajemen Lingkungan	Kimia	FST	63	TPF 6452	Fisika Lingkungan	Pend. Fisika	FITK
45	KIM 6612	Bioorganik	Kimia	FST	64	TPK 2103	Pengelolaan Laboratorium Kimia	Pend. Kimia	FITK
46	KIM 6622	Kimia Katalis	Kimia	FST	65	TPK 2122	Kimia Lingkungan	Pend. Kimia	FITK
47	KIM 6632	Radiokimia	Kimia	FST	66	TPK 3143	Kimia Organik Bahan Alam	Pend. Kimia	FITK
48	KIM 6652	Biodegradasi dan Bioremediasi	Kimia	FST	67	TPK 3192	Kimia Pangan	Pend. Kimia	FITK
49	KIM 6662	Biokimia Terapan	Kimia	FST	68	TPK 3373	Green Chemistry	Pend. Kimia	FITK
50	KIM 4273	Kimia Komputasi	Kimia	FST	69	TPK 6473	Pemroduksian Bahan Ajar Kimia Berbasis Website	Pend. Kimia	FITK
51	SIN 4022	Interaksi Manusia dan Komputer 1	Sistem Informasi	FST	70	TPB 4282	Ekologi Tumbuhan	Pend. Biologi	FITK
52	SIN 5022	Interaksi Manusia dan Komputer 2	Sistem Informasi	FST	71	TPB 4291	Praktikum Ekologi Tumbuhan	Pend. Biologi	FITK
53	SIN 4304	Jaringan Komunikasi Data	Sistem Informasi	FST	72	TPB 5302	Ekologi Hewan	Pend. Biologi	FITK
54	SIN 4362	Basis Data 1	Sistem Informasi	FST	73	TPB 5311	Praktikum Ekologi Hewan	Pend. Biologi	FITK
55	SIN 4364	Basis Data 2	Sistem Informasi	FST					

#### Description:

The total number of courses related to sustainability offered in UIN Raden Fatah per 2022 is 155 courses.

#### Additional evidence link:

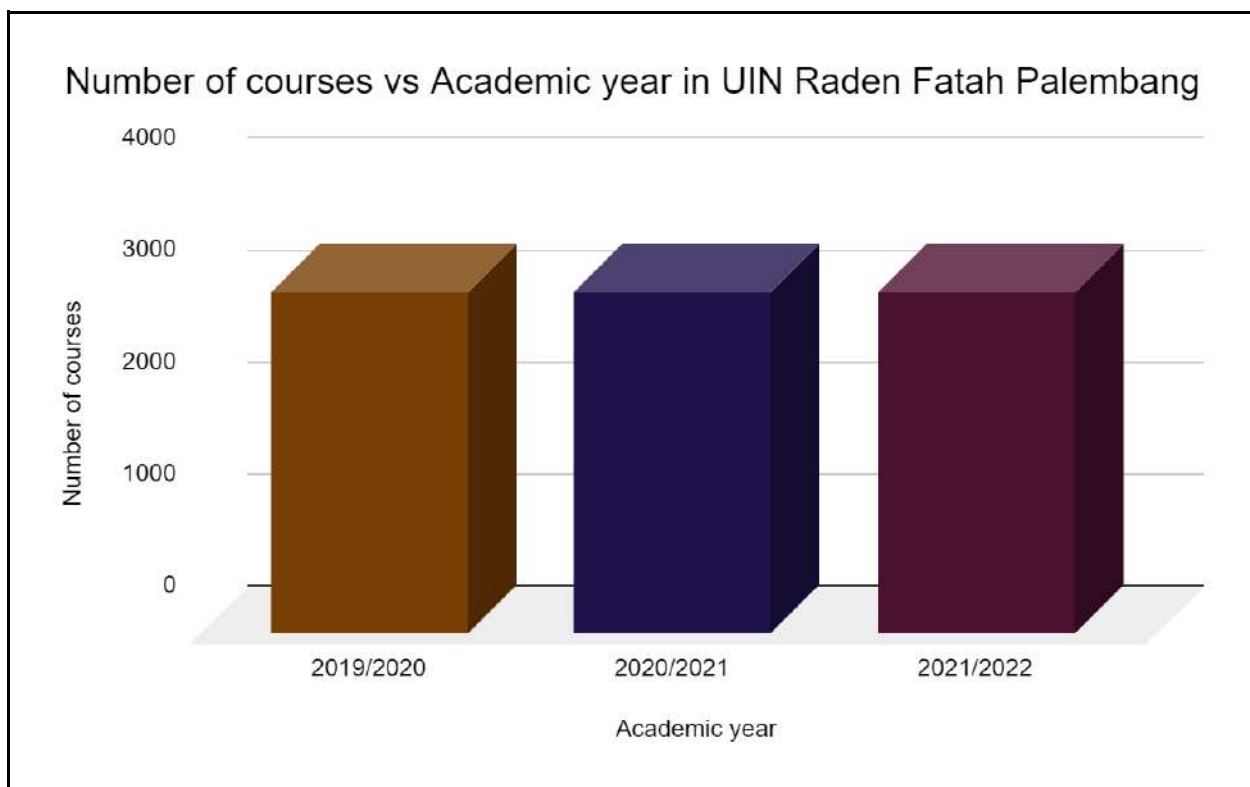
<https://drive.google.com/file/d/1BDs4Yki3zogkN6Xoki3BVKRrvqoKTWUs/view?usp=sharing>

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.2] Total number of courses/subjects offered



#### **Description:**

The total number of courses offered in 2021/2022 is 3053 courses.

#### **Additional evidence link:**

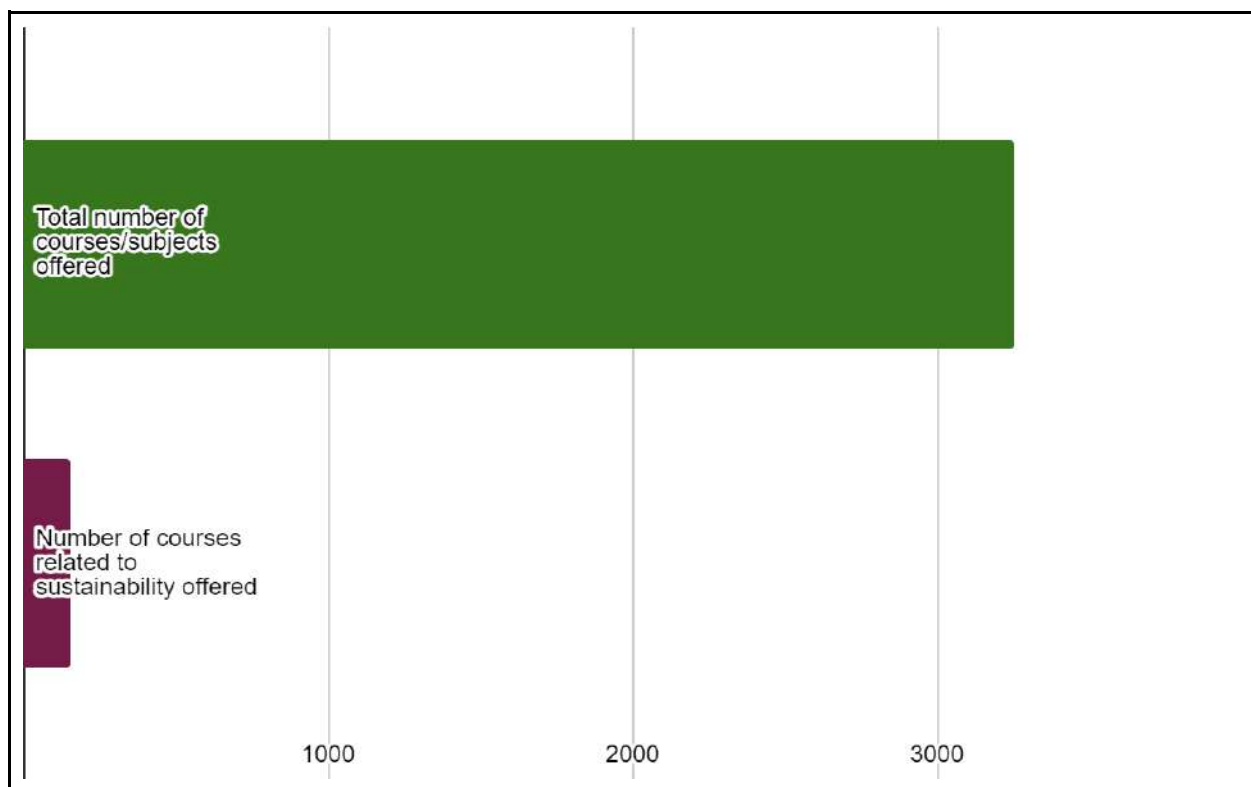
<https://drive.google.com/drive/folders/1QtwQnhREqRAb6wbJM1JGimzUMEpgr1o?usp=sharing>

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.3] The ratio of sustainability courses to total courses/subjects (ED.1)



#### Description:

Formula =  $(6.1 / 6.2) \times 100\% = (155 \text{ courses} / 3053 \text{ courses}) \times 100\% = 5.08\%$

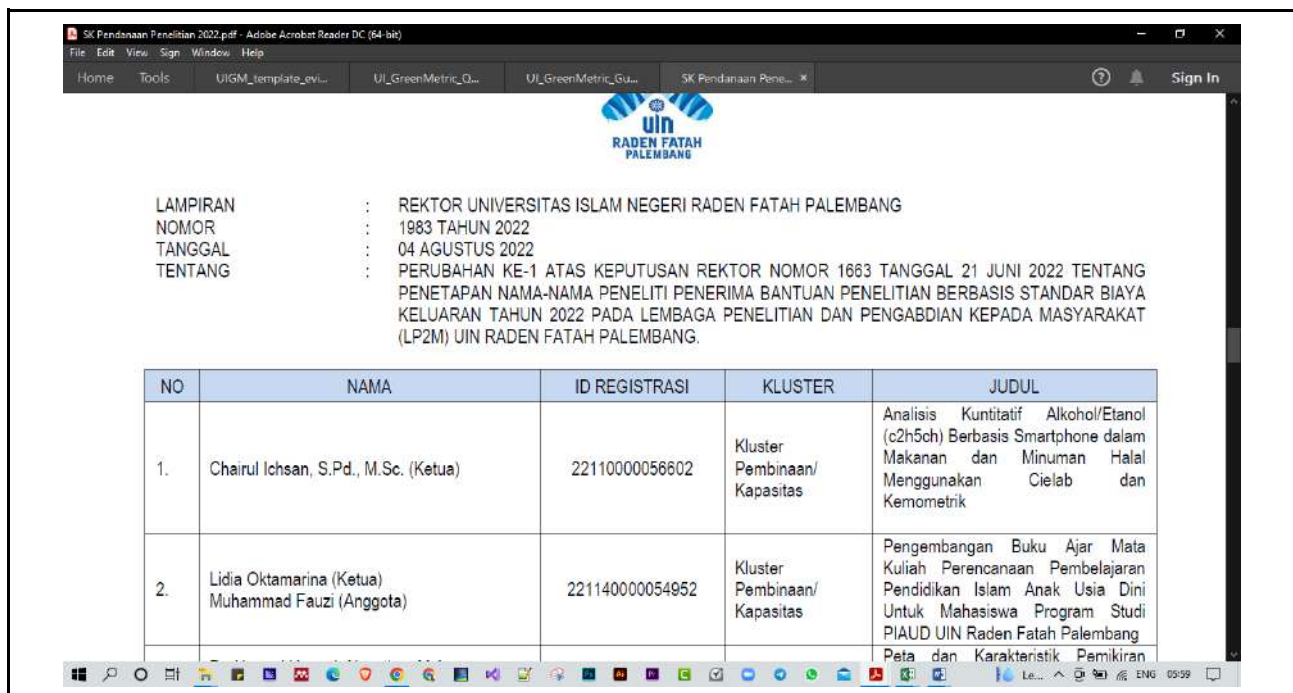
Thus, the ratio of sustainability courses to total courses in UIN Raden Fatah Palembang is [3] > 5 - 10%

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

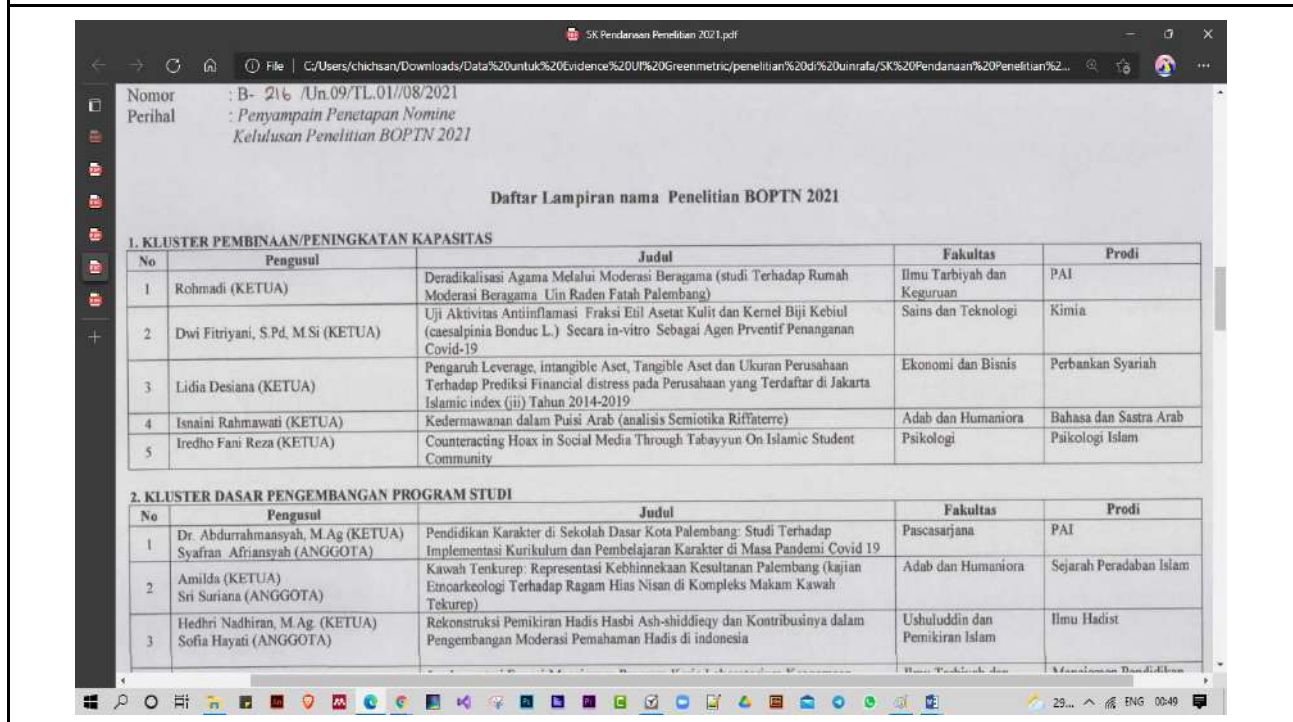
### [6] Education and Research (ED)

#### [6.4] Total research funds dedicated to sustainability research (in US Dollars)



LAMPIRAN : REKTOR UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG  
NOMOR : 1983 TAHUN 2022  
TANGGAL : 04 AGUSTUS 2022  
TENTANG : PERUBAHAN KE-1 ATAS KEPUTUSAN REKTOR NOMOR 1663 TANGGAL 21 JUNI 2022 TENTANG PENETAPAN NAMA-NAMA PENELITI PENERIMA BANTUAN PENELITIAN BERBASIS STANDAR BIAYA KELUARAN TAHUN 2022 PADA LEMBAGA PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT (LP2M) UIN RADEN FATAH PALEMBANG.

NO	NAMA	ID REGISTRASI	KLUSTER	JUDUL
1.	Chairul Ichsah, S.Pd., M.Sc. (Ketua)	22110000056602	Kluster Pembinaan/ Kapasitas	Analisis Kuantitatif Alkohol/Etanol (c2h5oh) Berbasis Smartphone dalam Makanan dan Minuman Halal Menggunakan Cielab dan Kemometrik
2.	Lidia Oktamarina (Ketua) Muhammad Fauzi (Anggota)	221140000054952	Kluster Pembinaan/ Kapasitas	Pengembangan Buku Ajar Mata Kuliah Perencanaan Pembelajaran Pendidikan Islam Anak Usia Dini Untuk Mahasiswa Program Studi PIAUD UIN Raden Fatah Palembang Peta dan Karakteristik Pemikiran



Nomor : B- 216 /Un.09/TL.01/08/2021  
Perihal : Penyampain Penetapan Nomine Kelulusan Penelitian BOPTN 2021

Daftar Lampiran nama Penelitian BOPTN 2021

1. KLUSTER PEMBINAAN/PENINGKATAN KAPASITAS

No	Pengusul	Judul	Fakultas	Prodi
1	Rohmadi (KETUA)	Deradikalisasi Agama Melalui Moderasi Beragama (studi Terhadap Rumah Moderasi Beragama Uin Raden Fatah Palembang)	Ilmu Tarbiyah dan Keguruan	PAI
2	Dwi Fitriyani, S.Pd, M.Si (KETUA)	Uji Aktivitas Antiinflamasi Fraksi Etil Asetat Kulit dan Kernel Biji Kebiul (caesalpinia Bonduc L.) Secara in-vitro Sebagai Agen Preventif Penanganan Covid-19	Sains dan Teknologi	Kimia
3	Lidia Desiana (KETUA)	Pengaruh Leverage, Intangible Aset, Tangible Aset dan Ukuran Perusahaan Terhadap Prediksi Financial distress pada Perusahaan yang Terdaftar di Jakarta Islamic index (jii) Tahun 2014-2019	Ekonomi dan Bisnis	Perbankan Syariah
4	Isnaini Rahmawati (KETUA)	Kedermawanan dalam Puisi Arab (analisis Semiotika Riffaterre)	Adab dan Humaniora	Bahasa dan Sastra Arab
5	Iredho Fani Reza (KETUA)	Counteracting Hoax in Social Media Through Tabayyun: On Islamic Student Community	Psikologi	Psikologi Islam

2. KLUSTER DASAR PENGEMBANGAN PROGRAM STUDI

No	Pengusul	Judul	Fakultas	Prodi
1	Dr. Abdurrahmansyah, M.Ag (KETUA) Syafraan Afriansyah (ANGGOTA)	Pendidikan Karakter di Sekolah Dasar Kota Palembang: Studi Terhadap Implementasi Kurikulum dan Pembelajaran Karakter di Masa Pandemi Covid 19	Pascasarjana	PAI
2	Amilda (KETUA) Sri Suriana (ANGGOTA)	Kawah Tekurep: Representasi Kebhinnekaan Kesultanan Palembang (kajian Encerkeologi Terhadap Ragam Hias Nisan di Kompleks Makam Kawah Tekurep)	Adab dan Humaniora	Sejarah Peradaban Islam
3	Hedhri Nadhiran, M.Ag (KETUA) Sofia Hayati (ANGGOTA)	Rekonstruksi Pemikiran Hadis Habibi Ash-shiddiqy dan Kontribusinya dalam Pengembangan Moderasi Pemahaman Hadis di Indonesia	Ushuluddin dan Pemikiran Islam	Ilmu Hadist

SK Pendanaan Penelitian 2020.pdf

File | C:/Users/chichsan/Downloads/Data%20untuk%20Evidence%20UI%20Greenmetric/penelitian%20di%20uinrafa/SK%20Pendanaan%20Penelitian%2...

LAMPIRAN I:  
KEPUTUSAN REKTOR UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG  
NOMOR: 0685 TAHUN 2020  
TANGGAL: 26 FEBRUARI 2020  
TENTANG  
PENETAPAN NAMA-NAMA PENELITI PENINGKATAN MUTU KEGIATAN PENELITIAN BERBASIS OUTPUT TAHUN 2020  
KLUSTER PEMBINAAN/PENINGKATAN KAPASITAS  
PADA LEMBAGA PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT (LP2M)  
UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG

No	Pengusul	Judul
01	Iredho Fani Reza	Phone Snubbing Scale (Phub-S) For Young Moslem in Industry 4.0
02	Yustina Hapida	Pemanfaatan Arang Aktif Batok Kelapa Teknik Gravity Fed Filtering System dalam memperoleh air bersih di kawasan sungai rengit dikabupaten Banyuwasin Sumatera Selatan
03	Damayanti Iskandar	Sintesis, Karakterisasi dan Optimasi Senyawa Asam-3-(3,4-Dimetoksifenil) Prop-2-Enoat Serta Uji Aktivitasnya Sebagai Sediaan Tabir Surya
04	Fathiyah Nopriani	Pengukuran Kualitas Website Fakultas Dakwah dan Komunikasi Menggunakan Metode Webqual
05	Diah Putri Anggun	Pengembangan Penuntun Praktikum Fisiologi Hewan Berbasis Pendekatan Saintifik untuk Mahasiswa Jurusan Biologi
06	Jamanuddin	Problematika Implementasi Kurikulum 2013 dalam Pembelajaran Bahasa Arab di Pondok Pesantren MA Bahrul Ulum Mulia Sari Tanjung Lago
07	Seri Erfita	Perceived Career Barriers dan Academic Stress Sebagai Prediktor Career Decision Making Self Efficacy pada Mahasiswa Fakultas Psikologi UIN Raden Fatah Palembang
08	Dian Hafidh Zulfikar	Efek Quality Factor terhadap Kualitas Citra serta Kapasitas Pesan Rahasia pada Steganografi Citra Jpeg

SK Pendanaan Penelitian 2019.pdf

File | C:/Users/chichsan/Downloads/Data%20untuk%20Evidence%20UI%20Greenmetric/penelitian%20di%20uinrafa/SK%20Pendanaan%20Penelitian%2...

LAMPIRAN I:  
KEPUTUSAN REKTOR UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG  
NOMOR: 852 TAHUN 2019  
TANGGAL: 9 MEI 2019  
TENTANG  
PENETAPAN NAMA-NAMA PENELITI PENINGKATAN MUTU KEGIATAN PENELITIAN BERBASIS OUTPUT TAHUN 2019  
PENELITIAN PEMBINAAN/PENINGKATAN KUALITAS LEMBAGA PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT  
UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG

No	Id Registrasi	Judul Proposal	Nama Pengusul
1	191140000018168	Pengaruh Pita Tanam Organik Terhadap Penghambatan Pertumbuhan Gulma Pada Tanaman Padi ( <i>Oryza Sativa L</i> ) Lahan Gambut di Daerah Sumatera Selatan	Riri Novita Sunarti
2	191140000023237	Peran Buruh Tani Perempuan dalam Meningkatkan Kesejahteraan Keluarga (Studi pada Buruh Tani Perempuan desa Melati Jaya Kecamatan Semendawai Timur Kabupaten OKU Timur)	Isnayati Nur
3	191140000022291	Kulit Kacang Tanah ( <i>Arachis Hypogaea L.</i> ) Sebagai Adsorben $Cu(II)$ di Sungai Musi	Ade Oktasari
4	191140000021813	Pengaruh Fermentasi Angkak terhadap Keanekaragaman Fenotipe dan Ploidi Pakcoi dengan Sistem Nutrient Film Technique	Ike Apriani
5	191140000020382	Biolarvasida Nyamuk <i>Culex Quinquefasciatus</i> dari Berbagai Tumbuhan dan Kontribusinya pada bidang Studi Biologi	Rian Oktiansyah
6	191140000018278	Analisis Kemampuan Berpikir Kritis Mahasiswa Tahun Pertama dalam Memecahkan Masalah Trigonometri Berbasis Kearifan Lokal.	Muslimahayati
7	191140000021362	Pengembangan Instrumen Tes Literasi Sains pada Materi Laju Reaksi	Luthfia Ulva Irmita
8	191140000026442	Penerapan Problem Based Learning (PBL) Untuk Meningkatkan Higher Order Thinking Skills (HOTS) ditinjau dari Hasil Belajar Mahasiswa pada Mata Kuliah Materi IPA MI	Muhamad Afandi

### Description:

The average funding for research on the sustainability of UIN Raden Fatah Palembang per annum over the last 3 years (2020, 2021 and 2022) is 15589.52 USD. The highest research fund on sustainability is 20275.25 USD in 2022.

### Additional evidence link:

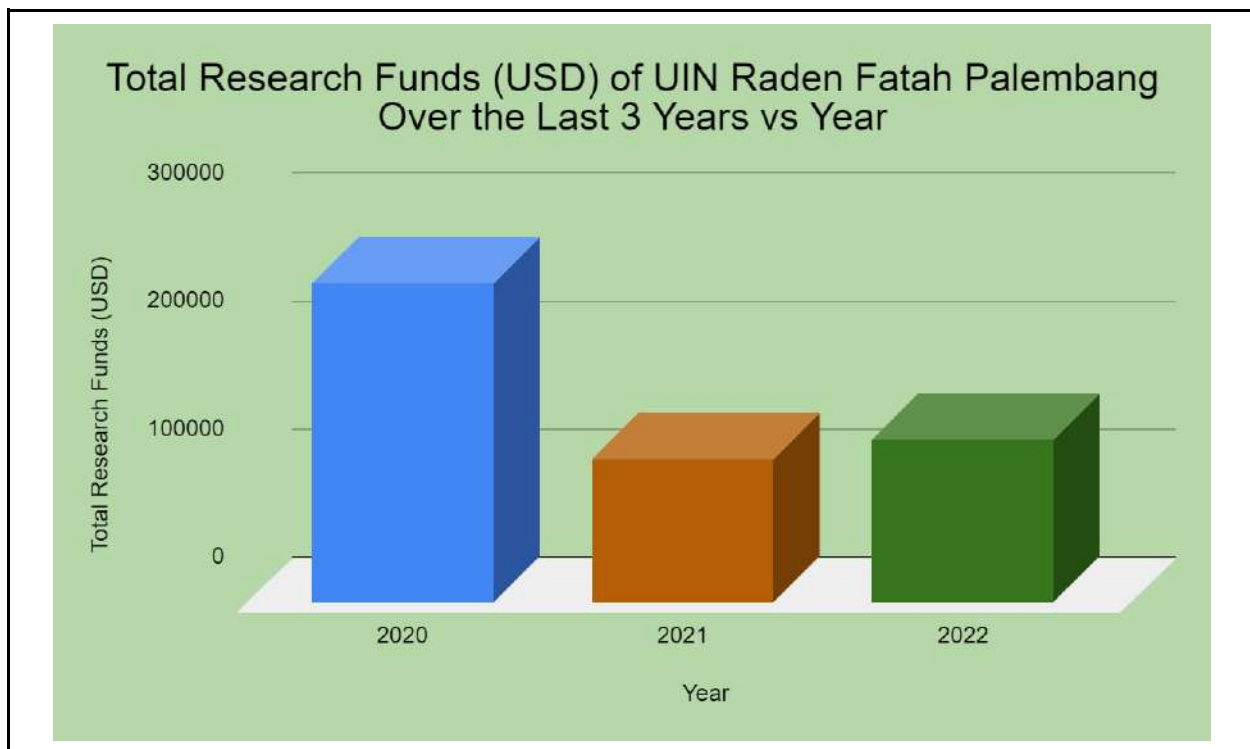
<https://drive.google.com/drive/folders/18DmAtpdP7yZdmEGVhET0gmFOcSWxZrKx?usp=sharing>

**Template for Evidence(s)  
UI GreenMetric Questionnaire**

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

**[6] Education and Research (ED)**

**[6.5] Total research funds (in US Dollars)**



**Description:**

The average total research funds of UIN Raden Fatah Palembang annually over the last 3 years is 163461 USD.

**Additional evidence link:**

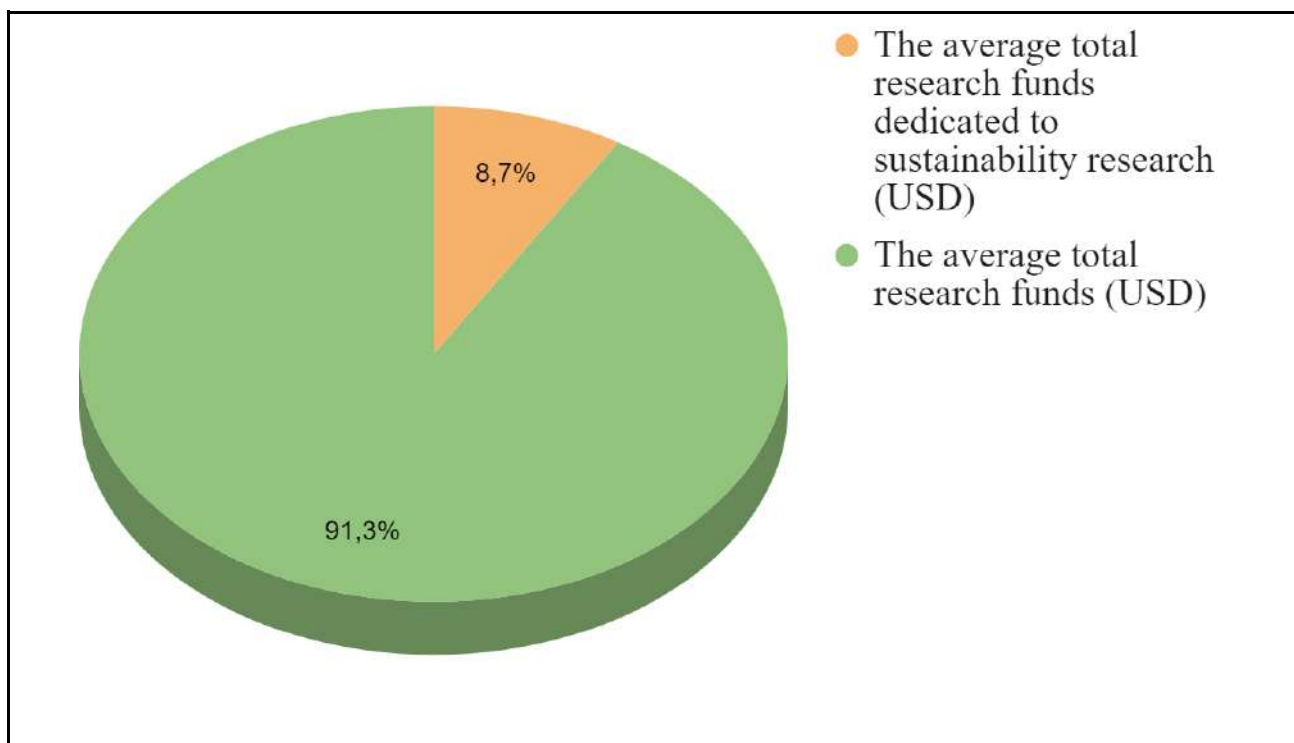
<https://drive.google.com/drive/folders/18DmAtpdP7yZdmEGVhET0gmFOcSWxZrKx?usp=sharing>

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.6] The ratio of sustainability research funding to total research funding (ED.2)



#### Description:

The ratio of sustainability research funding to total research funding over the last 3 years in UIN Raden Fatah Palembang is:

$$(15589.52 \text{ USD} / 163461.14 \text{ USD}) \times 100\% = 9.53\%$$

#### Additional evidence link:

<https://drive.google.com/drive/folders/18DmAtpdP7yZdmEGVhET0gmFOcSWxZrKx?usp=sharing>

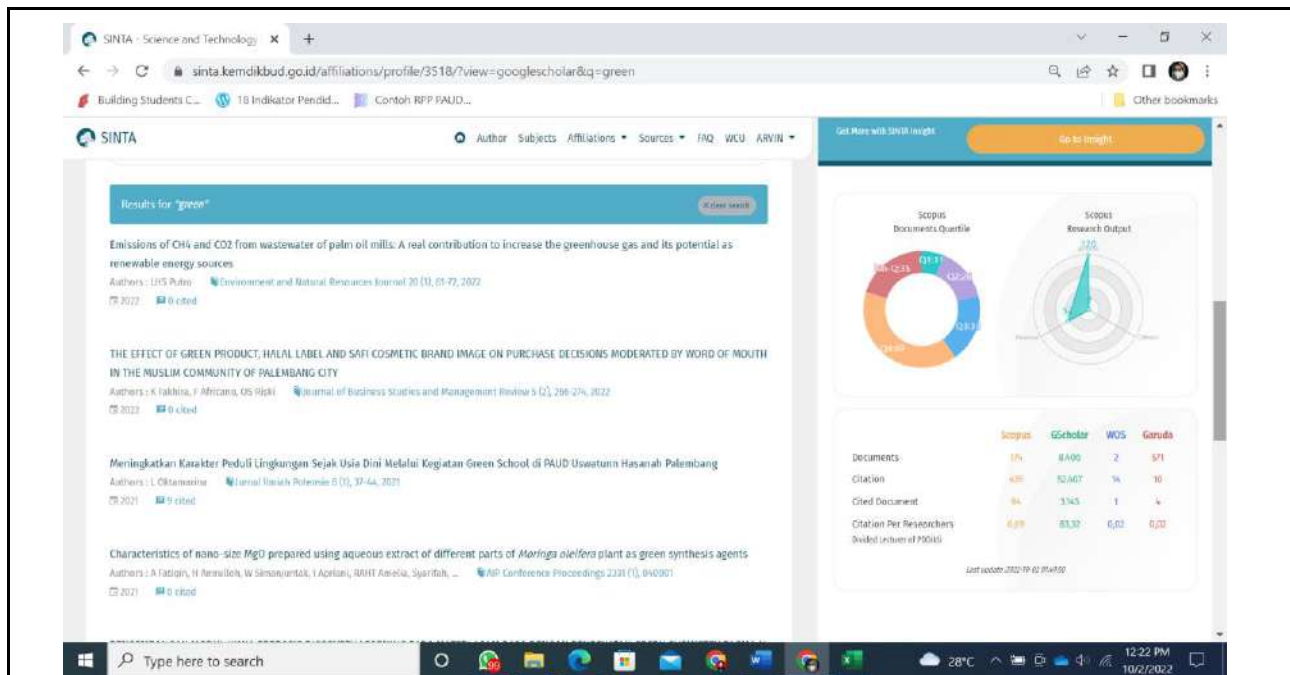


## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
 Country : Indonesia  
 Web Address : Office: <https://radenfatah.ac.id/>  
 Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.7] Number of scholarly publications on sustainability (ED.3)

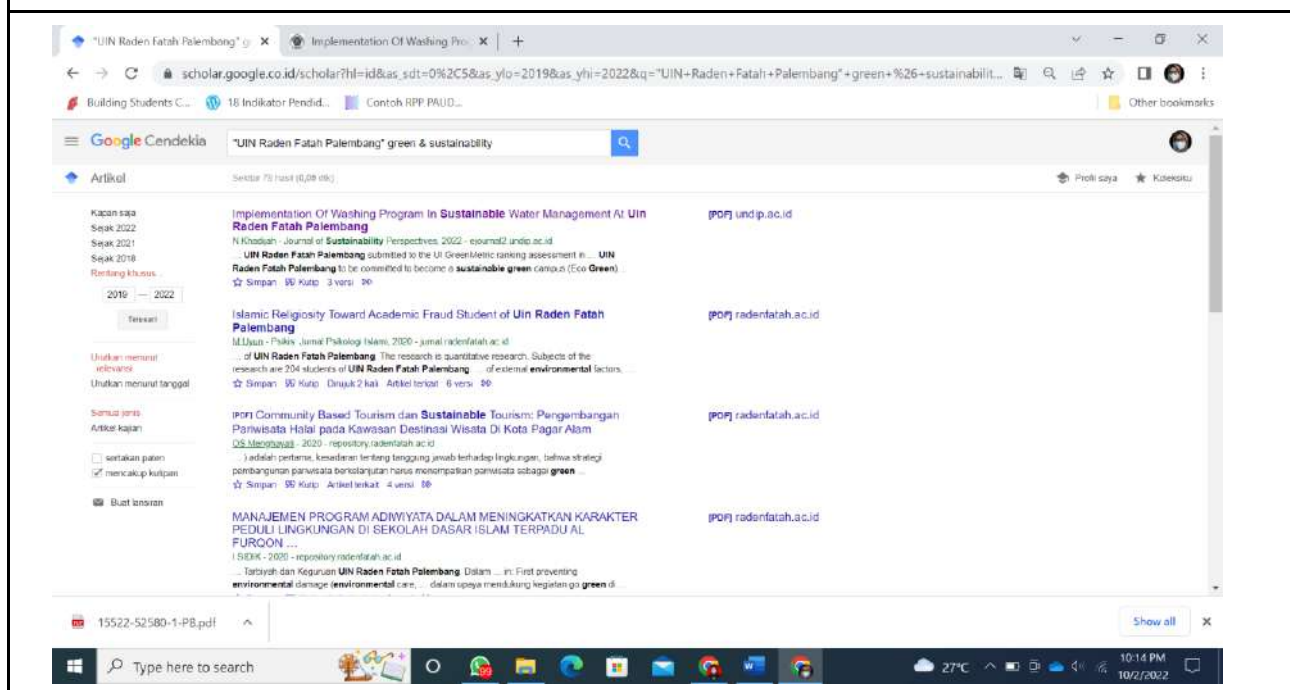


The screenshot shows the SINTA (Science and Technology Information) search results for the keyword "green". The search results list several publications, including:

- Emissions of CH<sub>4</sub> and CO<sub>2</sub> from wastewater of palm oil mills: A real contribution to increase the greenhouse gas and its potential as renewable energy sources** by LHS Putri, *Environmental and Natural Resources Journal* 20 (1), 61-72, 2022. (79 cited)
- THE EFFECT OF GREEN PRODUCT, HALAL LABEL AND SAFTI COSMETIC BRAND IMAGE ON PURCHASE DECISIONS MODERATED BY WORD OF MOUTH IN THE MUSLIM COMMUNITY OF PALEMBANG CITY** by K. Ikhina, F. Africana, OS Rizki, *Journal of Business Studies and Management Review* 5 (2), 296-274, 2022. (5 cited)
- Meningkatkan Karakter Peduli Lingkungan Sejak Usia Dini Melalui Kegiatan Green School di PAUD Usawatunn Hasanah Palembang** by L Oktamaria, *Jurnal Ilmiah Polembang* 5 (1), 37-44, 2021. (9 cited)
- Characteristics of nano-size MgO prepared using aqueous extract of different parts of *Moringa oleifera* plant as green synthesis agents** by A Fadlan, H Annwilah, W Simanungkal, I Apriani, RHH Azealia, Syarifah, ... *ASP Conference Proceedings* 2331 (1), 040301. (0 cited)

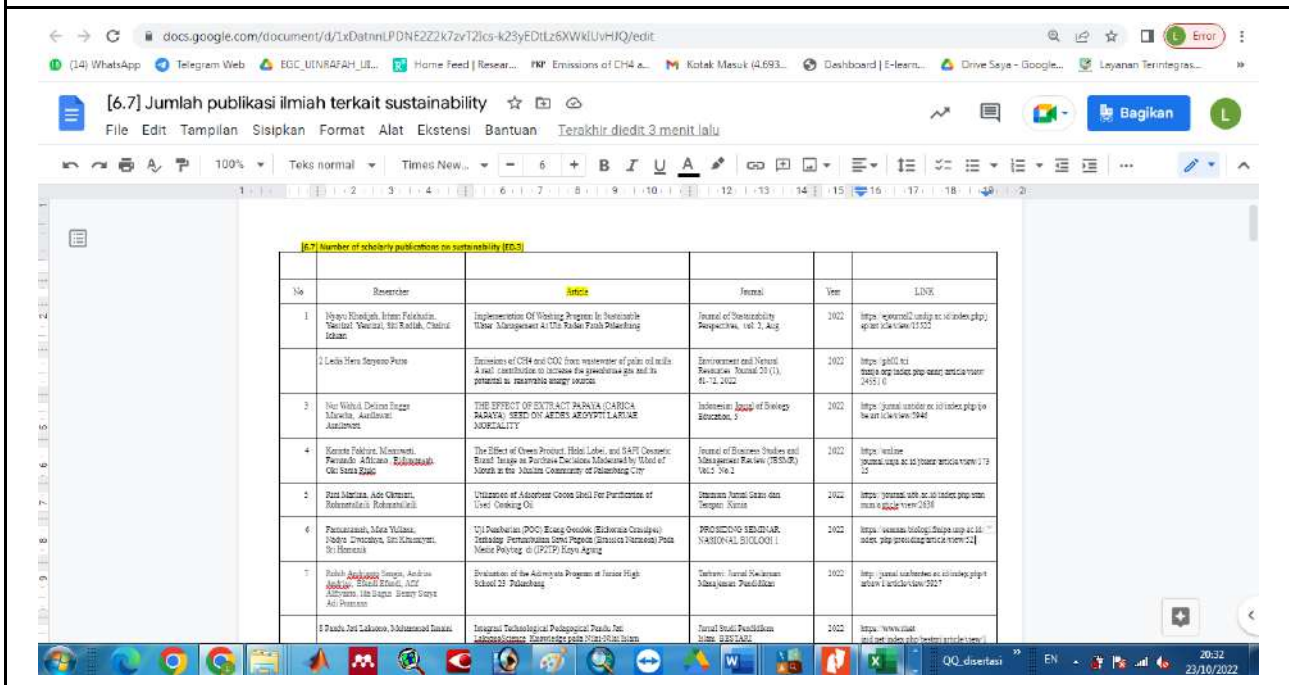
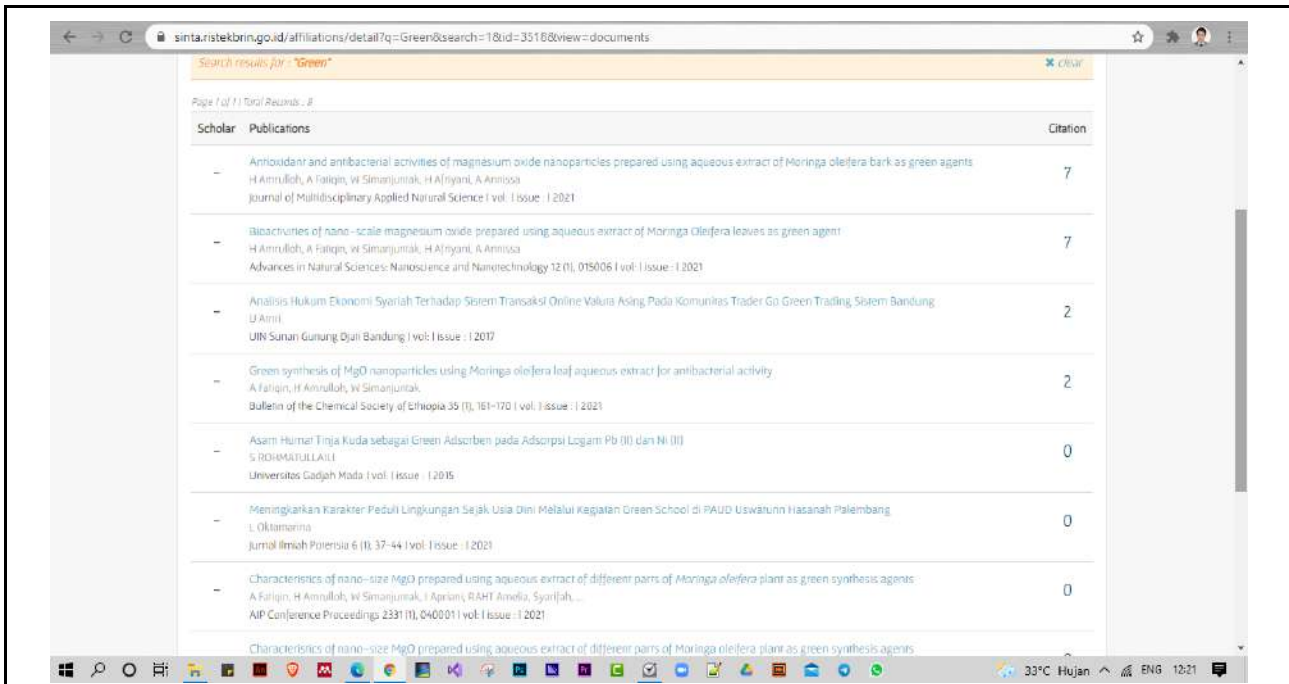
On the right side, there are two charts: "Scopus Documents Quartile" (a donut chart showing 100% in Q1) and "Scopus Research Output" (a gauge chart showing 220). Below these charts is a table of metrics:

	Scopus	GScholar	WOS	Guruda
Documents	1%	8/A90	2	5/1
Citation	435	52.967	74	10
Cited Document	54	3.345	1	4
Citation Per Researchers (divided by system of POKJ)	6,89	83,32	6,02	0,20



The screenshot shows Google Scholar search results for the query "UIN Raden Fatah Palembang" green & sustainability. The results list several articles:

- Implementation Of Washing Program In Sustainable Water Management At UIN Raden Fatah Palembang** by N. Husaini, *Journal of Sustainability Perspectives* 2022 - ejournal2.und.ac.id. UIN Raden Fatah Palembang submitted to the UI GreenMetric ranking assessment in... UIN Raden Fatah Palembang to be committed to become a sustainable green campus (Eco Green). (3 vorsi)
- Islamic Religiosity Toward Academic Fraud Student of Uin Raden Fatah Palembang** by M. Jusuf - Psikis, *Jurnal Psikologi Islam*, 2020 - jurnal.radenfatah.ac.id. of UIN Raden Fatah Palembang. This research is quantitative research. Subjects of the research are 204 students of UIN Raden Fatah Palembang. of external environmental factors. (6 vorsi)
- IPort Community Based Tourism dan Sustainable Tourism: Pengembangan Pariwisata Halal pada Kawasan Destinasi Wisata Di Kota Pagar Alam** by OS Meorajay, 2020 - repository.radenfatah.ac.id. adalah pertama, kesediaan lenteng tanggung jawab terhadap lingkungan, bahwa strategi pembangunan pariwisata berkelanjutan harus mempromosikan pariwisata sebagai green. (4 vorsi)
- MANAJEMEN PROGRAM ADIWYATA DALAM MENINGKATKAN KARAKTER PEDULI LINGKUNGAN DI SEKOLAH DASAR ISLAM TERPADU AL FURQON ...** by I. SIKK - 2020 - repository.radenfatah.ac.id. Tarsiyah dan Keguruan UIN Raden Fatah Palembang. Dalam ... in: First preventing environmental damage (environmental care) ... dalam upaya mendukung kegiatan go green di ... (0 vorsi)



**Description:**

The average number of indexed publications (Google scholar) on environment and sustainability published by Lecturers of UIN Raden Fatah Palembang annually over the last 3 years (2020, 2021 and 2022) is 24: 24, 27 and 21 publications in 2020, 2021 and 2022 respectively.

**Additional evidence link:**

[https://drive.google.com/file/d/1VWPitkKZ\\_ipVpYt\\_Mn7A4C5XKIEUekt/view?usp=sharing](https://drive.google.com/file/d/1VWPitkKZ_ipVpYt_Mn7A4C5XKIEUekt/view?usp=sharing)

## Template for Evidence(s) UI GreenMetric Questionnaire

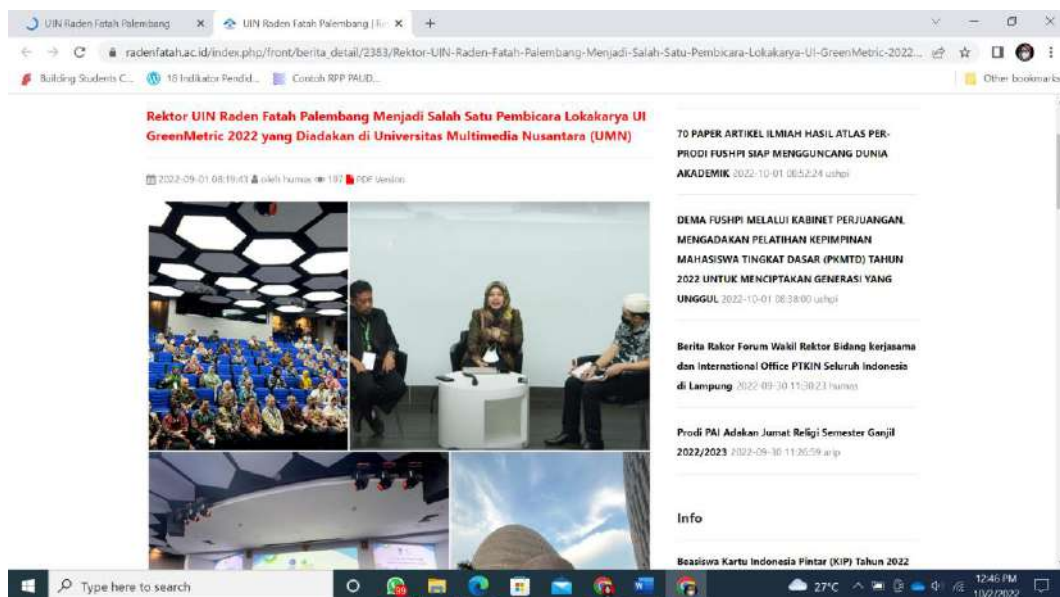
University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.8] Number of events related to sustainability (ED.4)



UIN Raden Fatah Palembang Rector Prof. Dr. Nyayu Khodijah collaborates with National Geographic Editor-in-Chief Prof. Susan Goldberg to discuss climate change at Arizona State University (ASU), United States (24/07/2022)



UIN Raden Fatah Palembang Rector became a speaker at the UI GreenMetric Workshop at Multimedia Nusantara University (UMN), Tangerang (31/08/2022)

UIN Raden Fatah Palembang | UIN Raden Fatah Palembang |

radenfatah.ac.id/index.php/front/benta\_detail/2199/Memperingati-Hari-Lingkungan-Hidup-Sedunia-UIN-Raden-Fatah-Palembang-Mengadakan-Senam-...  
Building Students C... 18 Indikator Pendid... Contoh RPP PAUD...

**Memperingati Hari Lingkungan Hidup Sedunia, UIN Raden Fatah Palembang Mengadakan Senam dan Penanaman Pohon Bersama Seluruh Civitas Akademika**

2022-06-03 20:31:28 oleh humas 425 PDF Versi




**70 PAPER ARTIKEL ILMIAH HASIL ATLAS PER-PRODI FUSHPH SIAP MENGUNCIKAN DUNIA AKADEMIK** 2022-10-01 08:52:24 ushp

**DEMA FUSHPH MELALUI KABINET PERJUANGAN MENDAKAKAN PELATIHAN KEPIMPINAN MAHASISWA TINGKAT DASAR (PKMTD) TAHUN 2022 UNTUK MENCIPTAKAN GENERASI YANG UNGGUL** 2022-10-01 08:38:00 ushp

**Berita Rakor Forum Wakil Rektor Bidang kerjasama dan International Office PTKIN Seluruh Indonesia di Lampung** 2022-09-30 11:30:23 humas

**Prodi PAI Adakan Jumat Religi Semester Ganjil 2022/2023** 2022-09-30 11:26:58 arsp

Info

Beasiswa Kartu Indonesia Pintar (KIP) Tahun 2022

Type here to search

UIN Raden Fatah Palembang | UIN Raden Fatah Palembang |

radenfatah.ac.id/index.php/front/benta\_detail/2084/Peringati-Harlah-NU-ke-99-UIN-Raden-Fatah-Lakukan-Penanaman-Pohon

Building Students C... 18 Indikator Pendid... Contoh RPP PAUD...

**Peringati Harlah NU ke 99, UIN Raden Fatah Lakukan Penanaman Pohon**

2022-03-04 16:06:19 oleh humas 725 PDF Versi



**70 PAPER ARTIKEL ILMIAH HASIL ATLAS PER-PRODI FUSHPH SIAP MENGUNCIKAN DUNIA AKADEMIK** 2022-10-01 08:52:24 ushp

**DEMA FUSHPH MELALUI KABINET PERJUANGAN, MENDAKAKAN PELATIHAN KEPIMPINAN MAHASISWA TINGKAT DASAR (PKMTD) TAHUN 2022 UNTUK MENCIPTAKAN GENERASI YANG UNGGUL** 2022-10-01 08:38:00 ushp

**Berita Rakor Forum Wakil Rektor Bidang kerjasama dan International Office PTKIN Seluruh Indonesia di Lampung** 2022-09-30 11:30:23 humas

**Prodi PAI Adakan Jumat Religi Semester Ganjil 2022/2023** 2022-09-30 11:26:58 arsp

Info

Beasiswa Kartu Indonesia Pintar (KIP) Tahun 2022

Type here to search





**Description:**

The total number of events related to sustainability in 2019/2020 is 55, in 2020/2021 is 50, and in 2021/2022 is 51. The average number of events over the last three years is 52.

**Additional evidence link:**

1. <https://kakibukit.republika.co.id/posts/167403/rektor-uin-raden-fatah-dan-editor-in-chief-national-geographic-diskusi-perubahan-iklim>
2. [https://radenfatah.ac.id/index.php/front/berita\\_detail/2383/Rektor-UIN-Raden-Fatah-Palembang-Menjadi-Salah-Satu-Pembicara-Lokakarya-UI-GreenMetric-2022-yang-Diadakan-di-Universitas-Multimedia-Nusantara-\(UMN\)](https://radenfatah.ac.id/index.php/front/berita_detail/2383/Rektor-UIN-Raden-Fatah-Palembang-Menjadi-Salah-Satu-Pembicara-Lokakarya-UI-GreenMetric-2022-yang-Diadakan-di-Universitas-Multimedia-Nusantara-(UMN))
3. <https://drive.google.com/drive/folders/1ozbiGvKTnrpU1Ku4zGZqCaZv3Qpxribf?usp=sharing>

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
 Country : Indonesia  
 Web Address : Office: <https://radenfatah.ac.id/>  
 Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.9] Number of student organizations related to sustainability (ED.5)

 <p><b>KEMENTERIAN AGAMA RI UNIVERSITAS ISLAM NEGERI (UIN) RADEN FATAH PALEMBANG</b></p> <p><b>SURAT KEPUTUSAN</b> Nomor: 211/KA/KM/2020/0000000000000000</p> <p>Bahwa Universitas Islam Negeri Raden Fatah Palembang mengesahkan kepada seluruh civitas akademika Universitas Islam Negeri Raden Fatah Palembang sebagai berikut:</p> <p>Yang terdiri dari:    1. Prof. Dr. Hidayat Khatib, S.Ag., M.H.    2. Dr. H. Husein, M.Ag.    3. Dr. Abdussalam Aidi, M.A.    4. Dr. Ahmad Fauzi, M.Ag.    5. Miftah Fatah, S.A., M.Si.</p> <table border="1"> <thead> <tr> <th>No. Urut</th> <th>UIN / UKM</th> <th>PENJABAH</th> </tr> </thead> <tbody> <tr><td>1</td><td>Mahasiswa Praktek Islam (MAFALIA)</td><td>Dr. Kurniandani, S.Ag., M.Pd</td></tr> <tr><td>2</td><td>UIN (UIN)</td><td>Dr. Kurniandani, S.Ag., M.Pd</td></tr> <tr><td>3</td><td>Kejuruan Mahasiswa (KEMAH)</td><td>Dr. Kurniandani, S.Ag., M.Pd</td></tr> <tr><td>4</td><td>UIN (UIN)</td><td>Dr. Kurniandani, S.Ag., M.Pd</td></tr> <tr><td>5</td><td>Sekolah Mahasiswa (SEKMAH)</td><td>Dr. H. Husein, M.Ag.</td></tr> <tr><td>6</td><td>Lembaga Pendidikan Tinggi Agama Islam (LPTAI)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>7</td><td>Lembaga Pendidikan Tinggi (LPT)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>8</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>9</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>10</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>11</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>12</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>13</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>14</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>15</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>16</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>17</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>18</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>19</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>20</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> <tr><td>21</td><td>UIN (UIN)</td><td>Dr. Husein, M.Ag.</td></tr> </tbody> </table> <p>Palembang, 10 Desember 2020</p> <p><i>(Signature)</i>    Prof. Dr. Hidayat Khatib, S.Ag., M.H.    Rektor</p>	No. Urut	UIN / UKM	PENJABAH	1	Mahasiswa Praktek Islam (MAFALIA)	Dr. Kurniandani, S.Ag., M.Pd	2	UIN (UIN)	Dr. Kurniandani, S.Ag., M.Pd	3	Kejuruan Mahasiswa (KEMAH)	Dr. Kurniandani, S.Ag., M.Pd	4	UIN (UIN)	Dr. Kurniandani, S.Ag., M.Pd	5	Sekolah Mahasiswa (SEKMAH)	Dr. H. Husein, M.Ag.	6	Lembaga Pendidikan Tinggi Agama Islam (LPTAI)	Dr. Husein, M.Ag.	7	Lembaga Pendidikan Tinggi (LPT)	Dr. Husein, M.Ag.	8	UIN (UIN)	Dr. Husein, M.Ag.	9	UIN (UIN)	Dr. Husein, M.Ag.	10	UIN (UIN)	Dr. Husein, M.Ag.	11	UIN (UIN)	Dr. Husein, M.Ag.	12	UIN (UIN)	Dr. Husein, M.Ag.	13	UIN (UIN)	Dr. Husein, M.Ag.	14	UIN (UIN)	Dr. Husein, M.Ag.	15	UIN (UIN)	Dr. Husein, M.Ag.	16	UIN (UIN)	Dr. Husein, M.Ag.	17	UIN (UIN)	Dr. Husein, M.Ag.	18	UIN (UIN)	Dr. Husein, M.Ag.	19	UIN (UIN)	Dr. Husein, M.Ag.	20	UIN (UIN)	Dr. Husein, M.Ag.	21	UIN (UIN)	Dr. Husein, M.Ag.	 <p>A photograph showing a man in a Scout uniform presenting a medal or award to another man in a Scout uniform. They are standing in a well-lit indoor space, possibly a hall or a stage, with other people in the background.</p>
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<p style="text-align: center;">Rector's Decree Regarding Student Activity Units</p>	<p style="text-align: center;">Reward for Rover's Scout UIN Raden Fatah</p>																																																																		
 <p>A photograph of a meeting taking place at a long table. Several people are seated at the table, and a banner in the background reads "RAPAT KERJA Bidang Kemahasiswaan, Kerjasama dan Alumni UIN Raden Fatah Palembang".</p>	 <p>A photograph of a group of people participating in a Mapala (Map Reading) activity. They are outdoors, standing on a wooden bridge or walkway over a stream, and looking at a map.</p>																																																																		
<p style="text-align: center;">Meeting for Student Program Activity</p>	<p style="text-align: center;">Mapala activity</p>																																																																		



Nature school



International day of forest



Green Campus Activist Student



Nature Lovers students and university civitas doing tree planting (Earth Day, 5 June 2022)

### Description:

UIN Raden Fatah Palembang has several student organizations related to sustainability. Which are the Scout Movement UKM, Nature Lovers Community, KSR-PMI, KOPMA, Student's Regiment, Campus Da'wah Institute (CDI/LDK), LPM Ukhuwa, HMPS Biology, HMPS Biology Education, HMPS Chemistry, HMPS Chemistry Education, and Student Ambassador for the Environment or Green Campus.

### Additional evidence link:

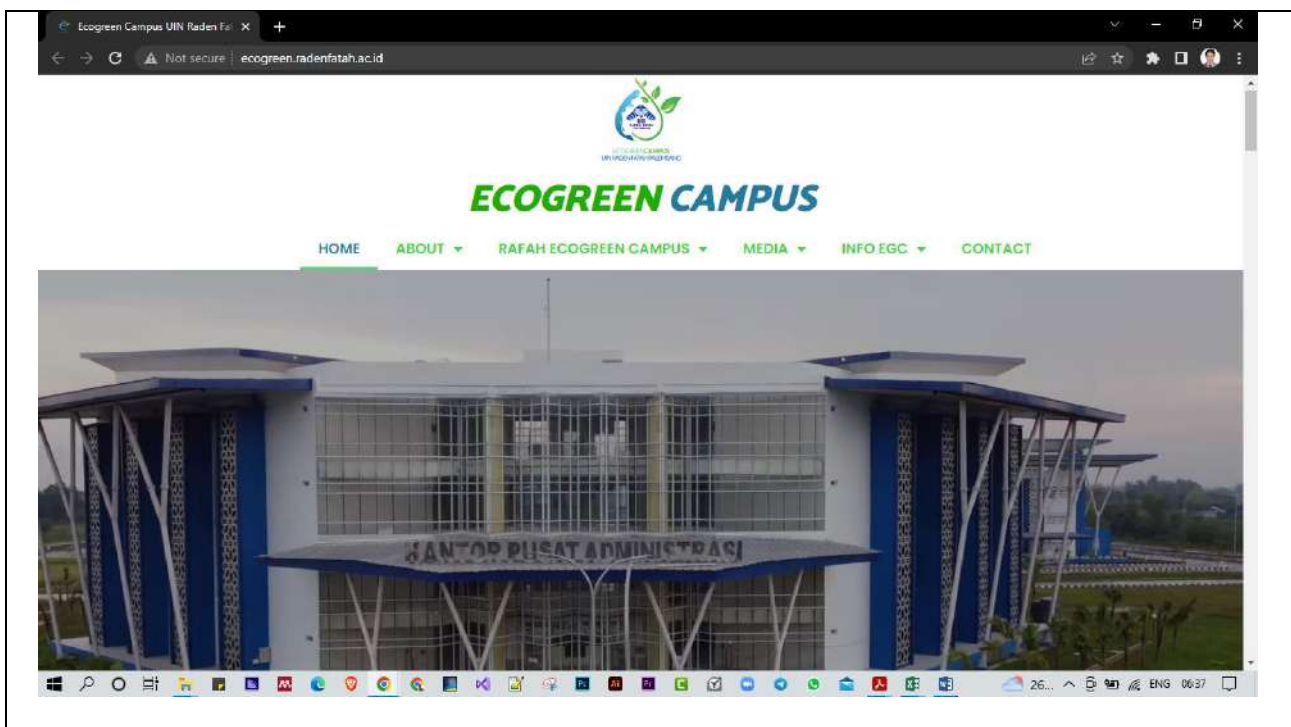
1. <https://www.youtube.com/watch?v=-rhFOyChN2Q>
2. <https://twitter.com/mapalauinrf>
3. <https://pendis.kemendiknas.go.id/read/uin-raden-fatah-palembang-gelar-kemah-karya-bakti-pramuka-se-indonesia>
4. [https://www.youtube.com/watch?v=gS-hCOpE\\_LI](https://www.youtube.com/watch?v=gS-hCOpE_LI)
5. <http://ecogreen.radenfatah.ac.id/index.php/peran-aktif-fakultas-sains-dan-teknologi-uin-raden-fatah-palembang-dalam-memperingati-hari-penganggulangan-degradasi-lahan-dan-kekeringan-sedunia/>
6. <http://ecogreen.radenfatah.ac.id/index.php/penanaman-pohon-secara-masif-implementasi-pembangunan/>
7. [https://drive.google.com/file/d/1DdRI0dYGbQXPc1\\_ijFv9ezJPS0JteKx0/view?usp=sharing](https://drive.google.com/file/d/1DdRI0dYGbQXPc1_ijFv9ezJPS0JteKx0/view?usp=sharing)

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.10] University-run sustainability website (ED.6)



#### **Description:**

In order to promote an eco-friendly culture in the campus, UIN Raden Fatah Palembang has a special website to inform events or innovations regarding sustainability in the University.

#### **Additional evidence link:**

<http://ecogreen.radenfatah.ac.id/>

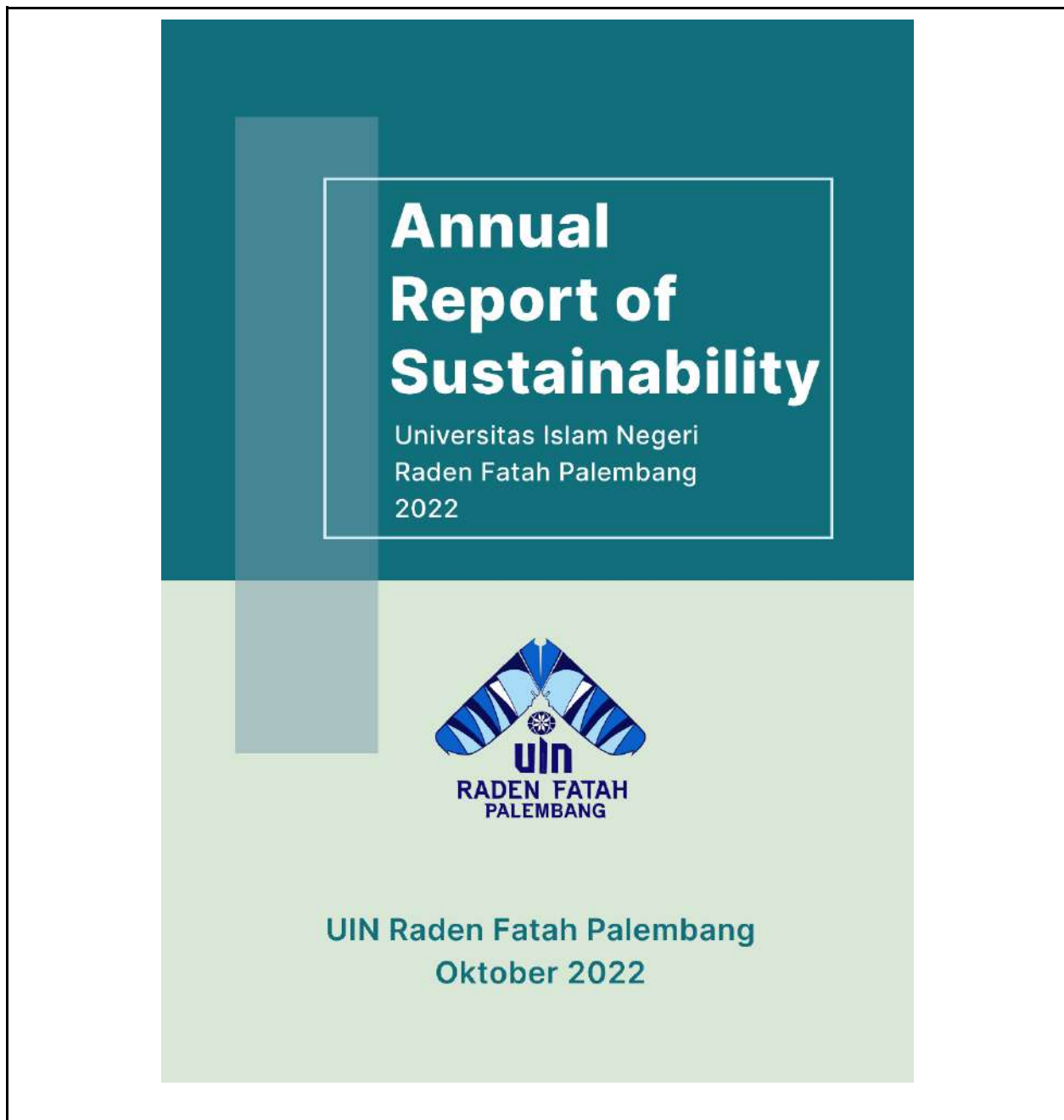


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Ecogreen: <http://ecogreen.radenfatah.ac.id/>

[6] Education and Research (ED)

[6.12] Sustainability report (ED.7)



**Description:**

All programs and activities at UIN Raden Fatah Palembang related to a green campus and sustainability are documented in routine activity reports and published on the websites of faculties, universities, magazines, and social media of UIN Raden Fatah Palembang. Various sustainable and environmentally friendly activities include:

1. Structuring the environment and infrastructure.
2. Controlling climate change and energy.
3. Managing and treating wastes.
4. Water resources management.
5. Implementing green transportation development.
6. Education and research.

The sustainability report becomes a reference for systematic and continuous improvement efforts.

**Additional evidence link:**

[https://drive.google.com/drive/folders/1wdOJVFqj9leuzHZKpS\\_D40QKbdXgGwnc?usp=sharing](https://drive.google.com/drive/folders/1wdOJVFqj9leuzHZKpS_D40QKbdXgGwnc?usp=sharing)

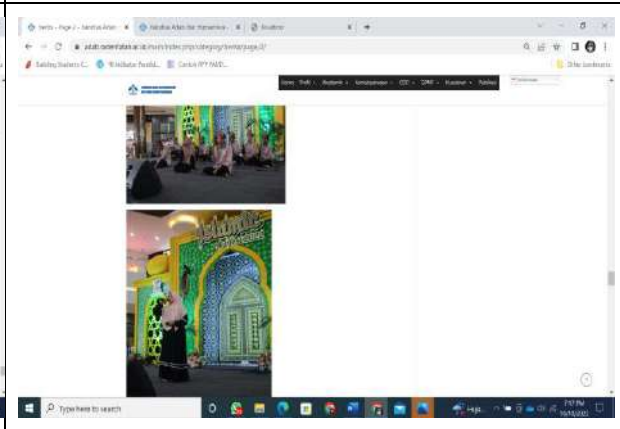
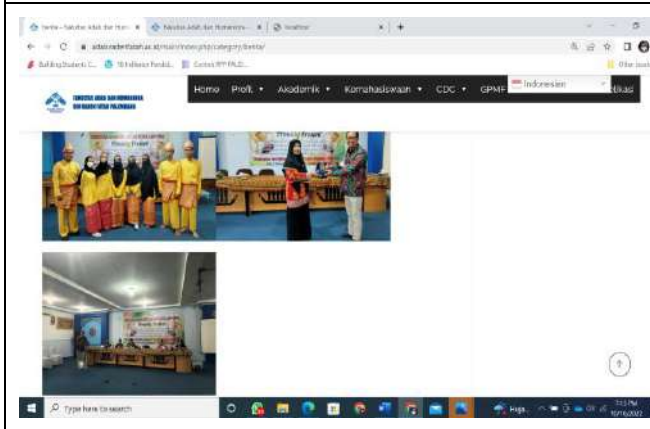
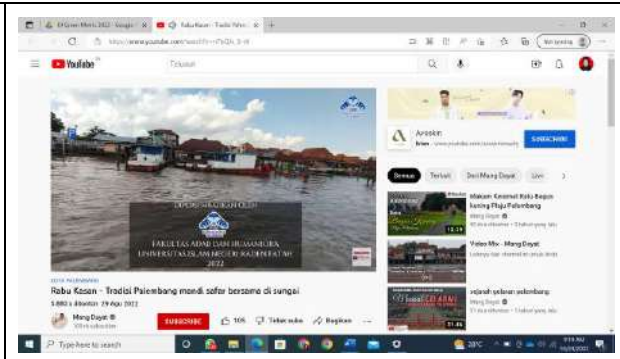
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Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.13] Number of cultural activities on campus (ED.8)





### Description:

The average number of cultural activities in UIN Raden Fatah Palembang per annum is seven events, including the election of a cultural ambassador at UIN Raden Fatah Palembang and cultural visits.

### Additional evidence link:

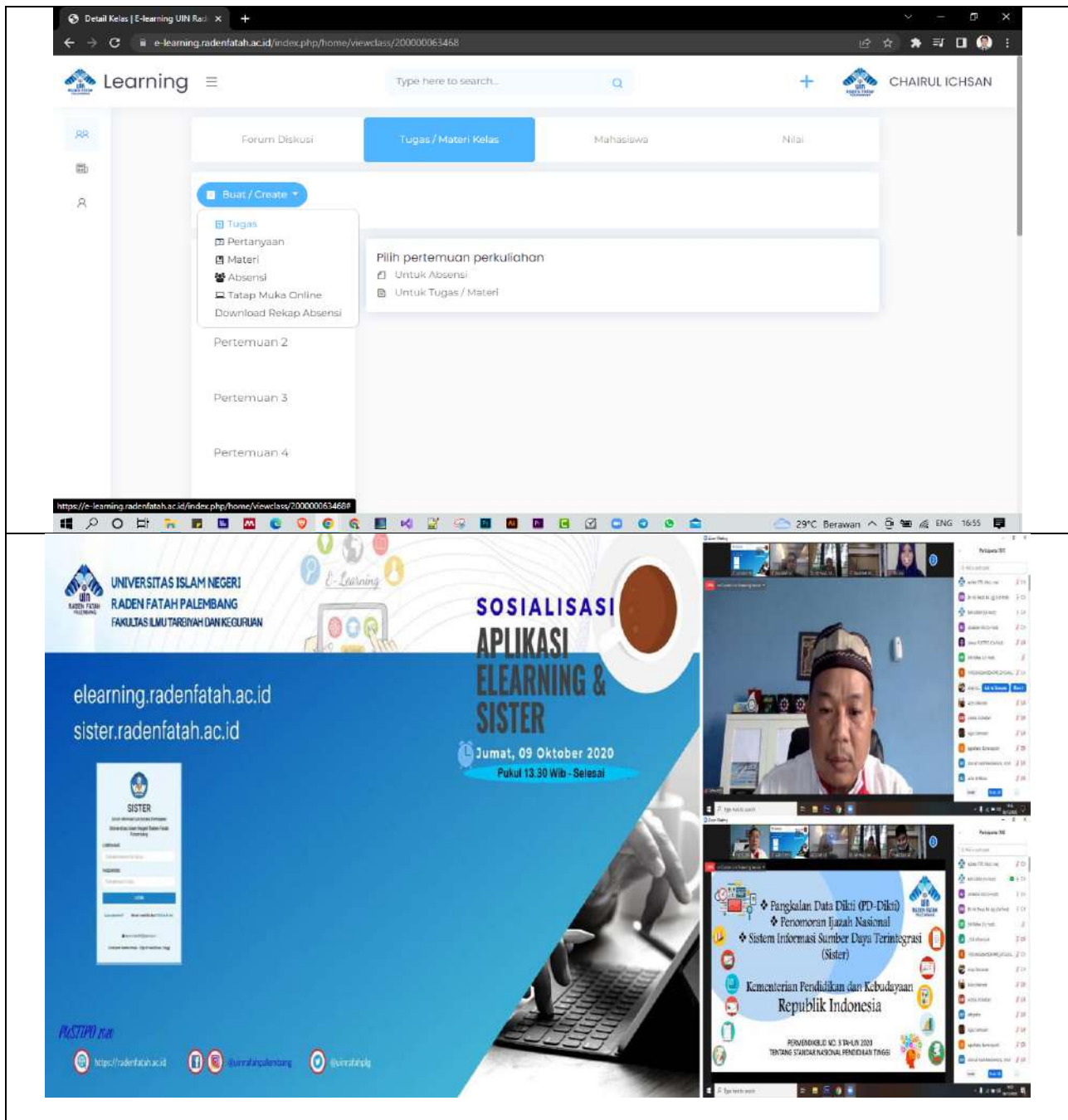
1. [https://radenfatah.ac.id/index.php/front/berita\\_detail/449](https://radenfatah.ac.id/index.php/front/berita_detail/449)
2. <https://psikologi.radenfatah.ac.id/berita/detail/kembali-dinas-kebudayaan-kota-palembang-libatkan-dosen-uin-raden-fatah-palembang>
3. [https://radenfatah.ac.id/index.php/front/berita\\_detail/1582](https://radenfatah.ac.id/index.php/front/berita_detail/1582)
4. [https://radenfatah.ac.id/index.php/front/berita\\_detail/812/Finalis-Duta-Budaya-Kunjungan-ke-Istana-Adat-Kesultanan-Palembang-Darussalam](https://radenfatah.ac.id/index.php/front/berita_detail/812/Finalis-Duta-Budaya-Kunjungan-ke-Istana-Adat-Kesultanan-Palembang-Darussalam)
5. <https://beritapagi.co.id/2021/06/09/smb-iv-ajak-duta-budaya-fahum-uin-raden-fatah-lestarikan-budaya-palembang.html>
6. [https://youtu.be/n7bQJx\\_3-v0](https://youtu.be/n7bQJx_3-v0)
7. <https://adab.radenfatah.ac.id/main/index.php/2022/08/28/lomba-natifest-nasional-vestifal/>
8. <https://adab.radenfatah.ac.id/main/index.php/2022/04/21/mahasiswa-fahum-unjuk-bakat-di-islamic-art-fest-opi-mall-palembang/>

## Template for Evidence(s) UI GreenMetric Questionnaire

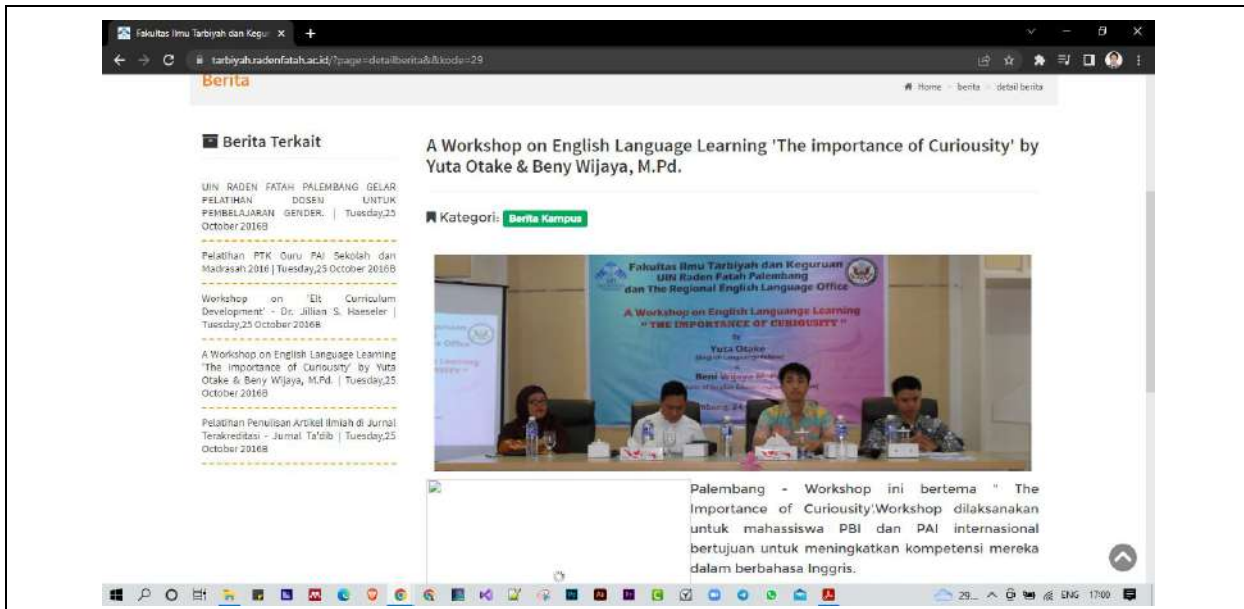
University : Universitas Islam Negeri Raden Fatah Palembang  
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Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.14] Number of university program(s) to improve teaching and learning (ED.9)



The image displays two pieces of evidence related to the university's e-learning system. The top portion is a screenshot of the 'e-learning.radenfatah.ac.id' web application. The interface shows a user profile for 'CHAIRUL ICHSAN' and a navigation menu with options like 'Forum Diskusi', 'Tugas / Materi Kelas', 'Mahasiswa', and 'Nilai'. A dropdown menu is open under 'Buat / Create', listing options such as 'Tugas', 'Pertanyaan', 'Materi', 'Absensi', 'Tatap Muka Online', and 'Download Rekap Absensi'. The bottom portion of the image is a socialization poster for the 'SISTER' application. The poster features the university's logo and text: 'UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG FAKULTAS ILMU TARBIYAH DAN KEGURUAN', 'elearning.radenfatah.ac.id', 'sister.radenfatah.ac.id', and 'SOSIALISASI APLIKASI E-LEARNING & SISTER'. It also includes the date 'Jumat, 09 Oktober 2020' and the time 'Pukul 13.30 Wib - Selesai'. The poster is set against a background of a person's hands typing on a laptop keyboard. To the right of the poster, there are two overlapping screenshots of a Zoom meeting, showing a participant in a video call and a list of meeting participants.



**Berita Terkait**

UIN RADEN FATAH PALEMBANG GELAR PELATIHAN DOSEN UNTUK PEMBELAJARAN GENDER | Tuesday,25 October 2016

Pelatihan PTK Guru PAI Sekolah dan Madrasah 2016 | Tuesday,25 October 2016


Workshop on 'Eit: Curriculum Development' - Dr. Jillian S. Haeseler | Tuesday,25 October 2016

A Workshop on English Language Learning 'The Importance of Curiosity' by Yuta Otake & Beny Wijaya, M.Pd. | Tuesday,25 October 2016

Pelatihan Penulisan Artikel Ilmiah di Jurnal Terakreditasi - Jurnal Ta'dib | Tuesday,25 October 2016

**Kategori:** Berita Kampus

**A Workshop on English Language Learning 'The importance of Curiosity' by Yuta Otake & Beny Wijaya, M.Pd.**



Palembang - Workshop ini bertema " The Importance of Curiosity".Workshop dilaksanakan untuk mahasiswa PBI dan PAI internasional bertujuan untuk meningkatkan kompetensi mereka dalam berbahasa Inggris.



**Berita Terkait**

UIN RADEN FATAH PALEMBANG GELAR PELATIHAN DOSEN UNTUK PEMBELAJARAN GENDER | Tuesday,08 November 2016

Pelatihan PTK Guru PAI Sekolah dan Madrasah 2016 | Tuesday,08 November 2016

Workshop on 'elit: Curriculum Development' - Dr. Jillian S. Haeseler | Tuesday,08 November 2016

A Workshop on English Language Learning 'The Importance of Curiosity' by Yuta Otake & Beny Wijaya, M.Pd. | Tuesday,08 November 2016

Pelatihan Penulisan Artikel Ilmiah di Jurnal Terakreditasi - Jurnal Ta'dib | Tuesday,08 November 2016

**Kategori:** Berita Kampus

**Pelatihan Penulisan Artikel Ilmiah di Jurnal Terakreditasi - Jurnal Ta'dib**



Palembang - Kegiatan ini bernama "Pelatihan Penulisan Artikel Ilmiah di Jurnal terakreditasi", diselenggarakan oleh Jurnal Ta'dib Fakultas Ilmu Tarbiyah dan Keguruan UIN Raden Fatah Palembang pada hari Sabtu - Minggu/ 5-6 November 2016, bertempat di ruang seminar It 4 Fakultas Ilmu Tarbiyah dan Keguruan UIN RF. Bertindak sebagai pembicara Ismail Suardi Wekke dari STAIN Sorong, Papua. Para peserta adalah dosen-dosen dari delapan fakultas yang ada di lingkungan UIN, Pasca Sarjana, dan Kopertais. Melalui kegiatan ini diharapkan para dosen dapat memiliki pengetahuan dan ketrampilan tentang

### Description:

UIN Raden Fatah organizes more than 3 projects in order to improve teaching and learning of the University. These includes efficient online learning platform like E-Learning UIN Raden Fatah and several workshops regarding University's lecturers development.

### Additional evidence link:

1. <https://e-learning.radenfatah.ac.id/>
2. <https://tarbiyah.radenfatah.ac.id/?page=detailberita&&kode=29>
3. [http://syariah.radenfatah.ac.id/wp-content/uploads/2021/12/Penggunaan\\_E-Learning.pdf](http://syariah.radenfatah.ac.id/wp-content/uploads/2021/12/Penggunaan_E-Learning.pdf)
4. [https://radenfatah.ac.id/index.php/front/berita\\_detail/1412/Rapat-Awal-Semester-dan-Sosialisasi-e-Learning-SISTER](https://radenfatah.ac.id/index.php/front/berita_detail/1412/Rapat-Awal-Semester-dan-Sosialisasi-e-Learning-SISTER)
5. <http://labkomputer.tarbiyah.radenfatah.ac.id/?cat=7>
6. <https://tarbiyah.radenfatah.ac.id/?page=detailberita&&kode=31>

## Template for Evidence(s) UI GreenMetric Questionnaire

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### [6] Education and Research (ED)

#### [6.15] Number of sustainability community services project organized and/or involving students (ED.10)



(1) Community service through the Chemistry study program provides green disinfectants for coffee farmers in Pagar Alam City, South Sumatra.



(2) PGMI Study Program, Faculty of Tarbiyah, and Teacher Training to the MI Azizan school in Palembang



(3) Community service project by the Faculty of Social and Political Science and Belantara Foundation in FISIP UIN Raden Fatah Palembang and Banyu Biru and Jati Mulyo Village, Banyuasin Regency, South Sumatera



(4) School of nature held by the Department of Biology for the new student for the academic year 2022/2023





(5) Community Service Based on Research on Clean and Healthy Living Patterns (PHBS) with themes "Building a Development of Village Partner Based on Biological Education Inclusive Research."



(6) Guest Lecture on the Theme "Dilemma of Natural Resources Governance" by The Faculty of Social and Political Science



(7) Socialization of Green Campus for New Students of Academic Year 2022-2023 Faculty of Social and Political Science

### Description:

The number of sustainable community service projects held and or involving students per year is more than three activity projects, including:

1. Community service through the Chemistry study program provides green disinfectants for coffee farmers in Pagar Alam City, South Sumatra.
2. PGMI Study Program, Faculty of Tarbiyah, and Teacher Training to the MI Azizan school in Palembang, practical efforts need to be made to improve the essential competencies of subjects tested nationally through training by involving relevant agencies, in this case, the PGMI Study Program. Grounding the integrative paradigm: Integrative learning models aim to comprehensively introduce and remind teachers to study the Islamic religion with general knowledge.
3. Community service project by the Faculty of Social and Political Science and Belantara Foundation in FISIP UIN Raden Fatah Palembang and Banyu Biru and Jati Mulyo Village, South Sumatera. Lecturers at the Faculty of Social and Political Sciences, in collaboration with the Belantara Foundation in September 2022, held a movie screening entitled "Asa Gajah Sumatera" produced by the Belantara Foundation to students in FISIP UIN Raden Fatah Palembang and the student in elementary schools in the villages of Banyu Biru and Jati Mulyo, South Sumatera. The movie discussed the importance of maintaining a harmonious life between humans and Sumatran elephants.
4. The Department of Biology Education, Faculty of Tarbiyah and Teacher Training, UIN Raden Fatah Palembang, through a student organization, held a nature school on October 16, 2022, which took place at the Sriwijaya Kingdom Archaeological Park, Palembang. Activity is an annual routine activity for new students (MABA) which the theme "Find Out and Learn from Nature How to be a Great Person with Islamic Character." 91 lecturers and new students attended the nature school.
5. Community Service Activities for Biology Education Study Program in Channel Village, Sematang Borang, Banyuasin Regency, South Sumatra on March 19, 2021. From the results of these activities, it is known that many people need to see the impact of rarely maintaining healthy hands, hair, and skin. Through this activity, the community of Channel Village, Sematang Borang, Banyuasin Regency, South Sumatra, can find out how to wash their hands properly, prevent and overcome the transmission of head lice in children and how to prevent and treat scabies on the skin.
6. The Faculty of Social and Political Sciences UIN Raden Fatah Palembang held a guest lecture Monday (09/27/2021). This guest lecture with the theme "Natural Resource Management Dilemma" was held live in the Auditorium of FISIP UIN Raden Fatah and live streaming on FISIP's youtube. The guest lecture activity was born to convey insights about environmental politics and natural resources to students. The guest lecturer was attended by 400 students, both online and offline.
7. The Faculty of Social and Political Sciences (FISIP) of UIN Raden Fatah Palembang held a Green Campus Socialization for New Students 2022 with the theme "Increasing the Concern and Love of Students in Protecting the Earth and the Environment" at the FISIP Auditorium. Tuesday, (23/08/2022). This socialization was attended by 400 new students of the Faculty of Social and Political Sciences for the Academic Year 2022/2023.

### Additional evidence link:

1. <https://drive.google.com/drive/folders/1tj40UfGjUI4Efe4zs9Yd8azN8t0XRvNb?usp=sharing>
2. <http://pgmi.radenfatah.ac.id/index.php/2021/03/14/pengabdian-masyarakat-prodi-pgmi-fitk-di-mi-azizan-palembang/>
3. <https://wongkito.co/read/mengulik-langkah-membangun-kembali-harmoni-gajah-sumatra-dan-manusia>
4. [https://radenfatah.ac.id/index.php/front/berita\\_detail/2488/Prodi-Biologi-FITK-Selenggarakan-Sekolah-Alam-Maba-2022-2023](https://radenfatah.ac.id/index.php/front/berita_detail/2488/Prodi-Biologi-FITK-Selenggarakan-Sekolah-Alam-Maba-2022-2023)
5. <https://drive.google.com/file/d/1YUQKqUVNUc-0GyvEx9LMllocujsJWbKh/view?usp=sharing>
6. <http://fisip.radenfatah.ac.id/soroti-permasalahan-tata-kelola-sumber-daya-alam-fisip-uin-raden-fatah-hadirkan-akademisi-fisipol-ugm/>
7. <http://ecogreen.radenfatah.ac.id/index.php/program-ecogreen-campus-fisip-uin-raden-fatah-gelar-sosialisasi/>

## Template for Evidence(s) UI GreenMetric Questionnaire

University : Universitas Islam Negeri Raden Fatah Palembang  
Country : Indonesia  
Web Address : Office: <https://radenfatah.ac.id/>  
Ecogreen: <http://ecogreen.radenfatah.ac.id/>

### [6] Education and Research (ED)

#### [6.16] Number of sustainability-related startups (ED.11)



#### Description:

There are 12 startups initiated by UIN Raden Fatah Students per 2022 related to sustainability, these startups include:

1. SiCanggih; 2. MR. Bread; 3. Food catering; 4. PengenSixpack; 5. Angkut sayur; 6. BE-OL; 7. Fashion class; 8. AŌ SUGAR; 9. JASALON; 10. ARHACOCOINDO; 11. Room Event; 12. Helpme.

#### Additional evidence link:

<https://drive.google.com/drive/folders/18Ors60rRKYnVvYCh5Y3yA-2unBWDBDjyx?usp=sharing>

[http://cdc.radenfatah.ac.id/front/detail\\_event/2](http://cdc.radenfatah.ac.id/front/detail_event/2)

<http://saintek.radenfatah.ac.id/2020/01/08/soft-launching-rafah-startup-development-uin-rf-palembang/>





UNIVERSITAS  
INDONESIA

*Veritas, Probitas, Iustitia*



# Certificate

This certificate is awarded to

**Universitas Islam Negeri Raden Fatah Palembang**

as The Most Sustainably Improved University in Indonesia  
in 2022 UI GreenMetric World University Rankings

Jakarta, 12 December 2022



**Prof. Ari Kuncoro, S.E., M.A., Ph.D**  
Rector of Universitas Indonesia



**Prof. Dr. Ir. Riri Fitri Sari, M.M., M.Sc**  
Chairperson of UI GreenMetric  
World University Rankings



UNIVERSITAS  
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*Veritas, Probitas, Iustitia*



# Certificate

This certificate is awarded to

**Universitas Islam Negeri Raden Fatah  
Palembang**

as The 43<sup>rd</sup> Most Sustainable University in Indonesia  
in 2022 UI GreenMetric World University Rankings

Jakarta, 12 December 2022



**Prof. Ari Kuncoro, S.E., M.A., Ph.D**  
Rector of Universitas Indonesia



**Prof. Dr. Ir. Riri Fitri Sari, M.M., M.Sc**  
Chairperson of UI GreenMetric  
World University Rankings



UNIVERSITAS  
INDONESIA

*Veritas, Probitas, Justitia*



# Certificate

This certificate is awarded to

**Universitas Islam Negeri Raden Fatah  
Palembang**

as The 448<sup>th</sup> World's Most Sustainable University  
in 2022 UI GreenMetric World University Rankings

Jakarta, 12 December 2022



**Prof. Ari Kuncoro, S.E., M.A., Ph.D**  
Rector of Universitas Indonesia



**Prof. Dr. Ir. Riri Fitri Sari, M.M., M.Sc**  
Chairperson of UI GreenMetric  
World University Rankings

# CERTIFICATE OF COMPLIANCE

UI GreenMetric proudly presents this certificate to

## UIN Raden Fatah Palembang

as a higher education institution which complies with 6 criteria of UI GreenMetric World University Rankings in their sustainability programs.

We appreciate the support in taking the UI GreenMetric Platinum Package Service in 2022

Jakarta, Indonesia 7 November 2022



Prof. Dr. Ir. Rini Fitri Sari, M.M., M.Sc  
Chairperson of UI GreenMetric

**Dates of Visitation**

16 June 2022; 17 October 2022; 7 November 2022





# UI GREENMETRIC TREES RATING

Through rigorous analysis of university data and programs based on the performance metrics in 6 Criteria, UI GreenMetric World University Rankings has rated

## UIN Raden Fatah Palembang

as an institution with Three point Five (3.5) Trees Rating



Jakarta, Indonesia | 7 November 2022



Prof. Dr. Ir. Riri Fitri Sari, M.M., M.Sc.  
Chairperson of UI GreenMetric



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# FACT FILE 2022 UI GREENMETRIC WORLD UNIVERSITY RANKINGS

## UNIVERSITAS ISLAM NEGERI RADEN FATAH PALEMBANG

Indonesia

Jl. K.H. Zainal Abidin Fikry no 1, KM 3,5 Palembang, Sumatera  
Selatan



# UNIVERSITY PROFILE

**Name** : Universitas Islam Negeri Raden Fatah Palembang

**Established** : 2019

**Country** : Indonesia



## 1. VERIFIED DATA

Category	Point	Maximum Point	Percentage
Setting and Infrastructure (SI)	1,075	1500	71.67 %
Energy and Climate Change (EC)	1,235	2100	58.81 %
Waste (WS)	750	1800	41.67 %
Water (WR)	750	1000	75.00 %
Transportation (TR)	1,200	1800	66.67 %
Education (ED)	1,300	1800	72.22 %
<b>Total Score</b>	<b>6,310</b>	<b>10000</b>	<b>63.10 %</b>

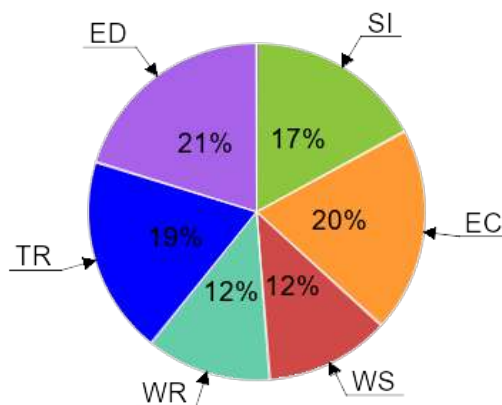


Figure 1.1 Overall Score Diagram

## 2. RESULTS SUMMARY

<b>World Ranking</b>	<b>SI Ranking</b>	<b>EC Ranking</b>	<b>WS Ranking</b>
<b>448</b>	<b>275</b>	<b>410</b>	<b>704</b>
	<b>WR Ranking</b>	<b>TR Ranking</b>	<b>ED Ranking</b>
	<b>278</b>	<b>445</b>	<b>451</b>

## 3. WORLD RANKINGS HISTORY

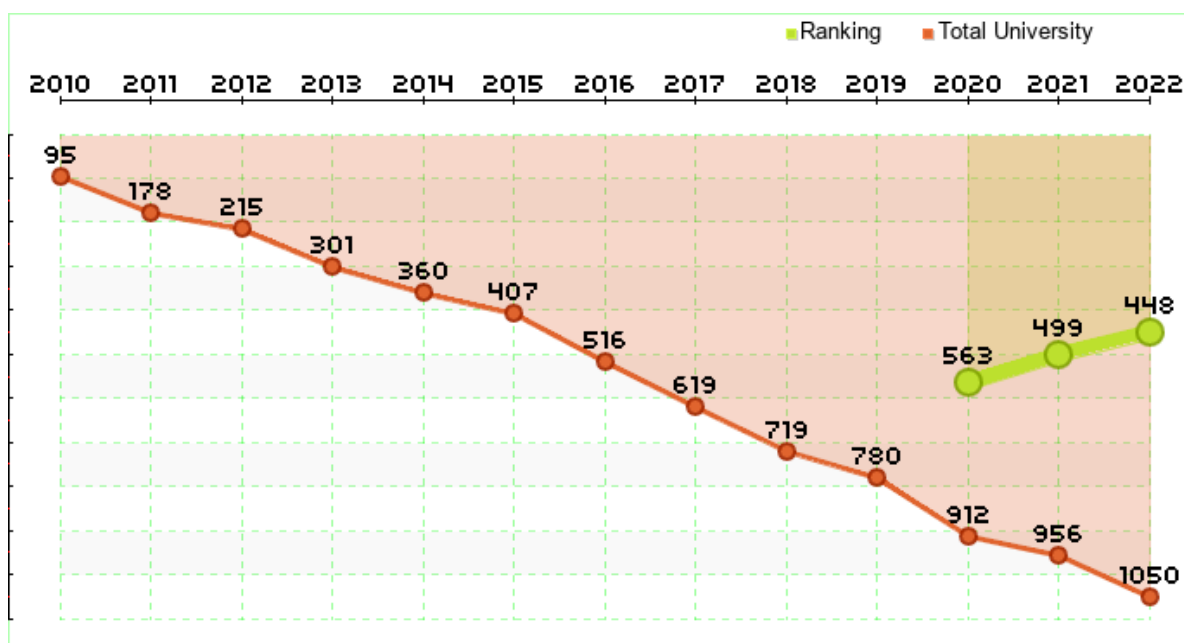


Figure 3.1 World Rankings History Diagram

## 4. RANKING IN INDONESIA

<b>Country Ranking</b>	<b>SI Ranking</b>	<b>EC Ranking</b>	<b>WS Ranking</b>
<b>43</b>	<b>30</b>	<b>38</b>	<b>65</b>
	<b>WR Ranking</b>	<b>TR Ranking</b>	<b>ED Ranking</b>
	<b>31</b>	<b>39</b>	<b>47</b>

## 5. RESULTS DETAIL

### Setting and Infrastructure

Indicator		Score
SI.1	The ratio of open space area towards total area	150
SI.2	Area on campus covered in forest	50
SI.3	Area on campus covered in planted vegetation	100
SI.4	Area on campus for water absorbance	50
SI.5	The ratio of open space area divided campus population	150
SI.6	University budget for sustainability effort	200
SI.7	Percentage of operation and maintenance activities of building in one year period	75
SI.8	Campus facilities for disabled, special needs and or maternity care	100
SI.9	Security and safety facilities	100
SI.10	Health infrastructure facilities for students, academics and administrative staff's wellbeing	50
SI.11	Conservation: plant, animal and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities	50

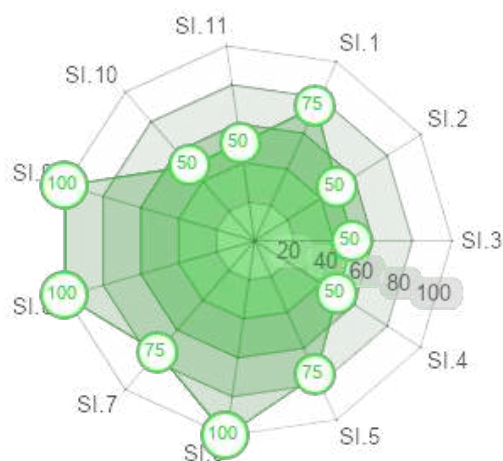


Figure 5.1 Percentage of Score to Maximum Score for Setting and Infrastructure

## Energy and Climate Change

Indicator		Score
EC.1	Energy efficient appliances usage	100
EC.2	Smart building program implementation	150
EC.3	Number of renewable energy source in campus	150
EC.4	The total electricity usage divided by total campus population	300
EC.5	The ratio of renewable energy production towards total energy usage per year	10
EC.6	Element of green building implementation	150
EC.7	Greenhouse gas emission reduction program	100
EC.8	The ratio of total carbon footprint divided campus population	150
EC.9	Number of innovative program(s) in Energy and Climate Change	75
EC.10	Impactful university program(s) on climate change	50

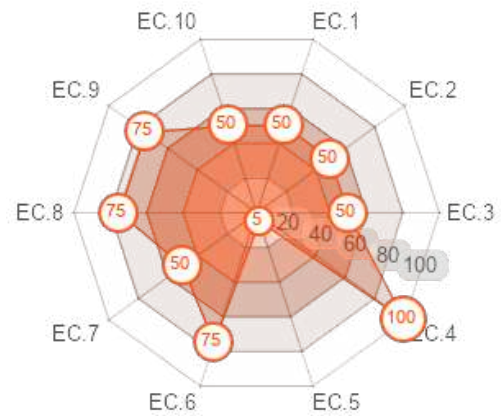


Figure 5.2 Percentage of Score to Maximum Score for Energy and Climate Change

## Waste

Indicator		Score
WS.1	Recycling program for university waste	75
WS.2	Program to reduce the use of paper and plastic in campus	300
WS.3	Organic waste treatment	150
WS.4	Inorganic waste treatment	75
WS.5	Toxic waste treatment	75
WS.6	Sewerage disposal	75

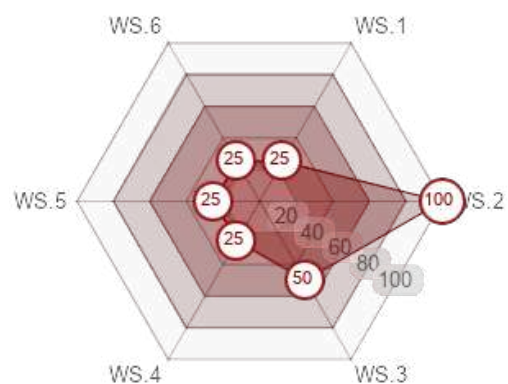


Figure 5.3 Percentage of Score to Maximum Score for Waste

## Water

Indicator		Score
WR.1	Water conservation program	150
WR.2	Water recycling program	150
WR.3	The use of water efficient appliances	150
WR.4	Consumption of treated water	150
WR.5	Water pollution control in campus area	150

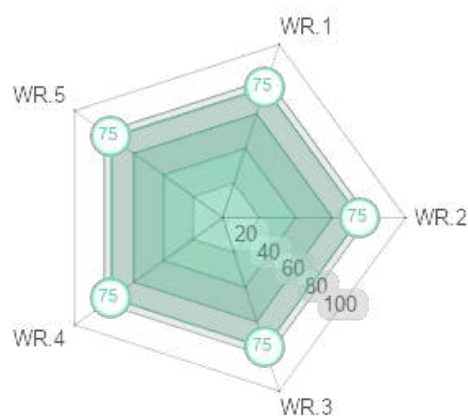


Figure 5.4 Percentage of Score to Maximum Score for Water

## Transportation

Indicator		Score
TR.1	The ratio of total vehicles (cars and motorcycles) divided by total campus population	100
TR.2	Shuttle services	75
TR.3	Zero Emission Vehicles (ZEV) policy on campus	200
TR.4	The ratio of Zero Emission Vehicles (ZEV) divided by total campus population	100
TR.5	Ratio of parking area to total campus area	200
TR.6	Transportation program designed to limit or decrease the parking area on campus for the last 3 years	150
TR.7	Number of transportation initiatives to decrease private vehicles on campus	150
TR.8	Pedestrian policy on campus	225

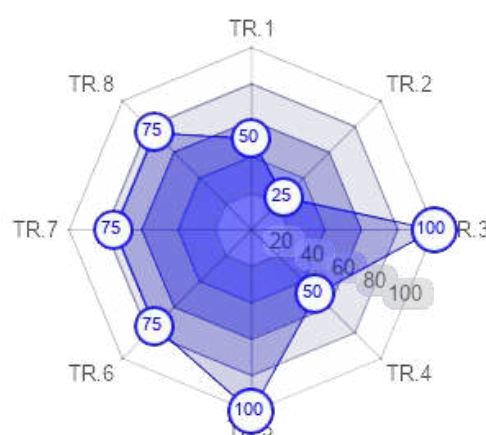


Figure 5.5 Percentage of Score to Maximum Score for Transportation

## Education

Indicator		Score
ED.1	The ratio of sustainability courses towards total courses/modules	75
ED.2	The ratio of sustainability research funding towards total research funding	100
ED.3	Sustainability publications	100
ED.4	Sustainability events	200
ED.5	Sustainability student organizations	200
ED.6	Sustainability websites	200
ED.7	Sustainability report	75
ED.8	Number of cultural activities on campus	100
ED.9	Number of university program(s) to improve teaching and learning	100
ED.10	Number of sustainability community services project organized and/or involving students	100
ED.11	Number of sustainability-related startups	50

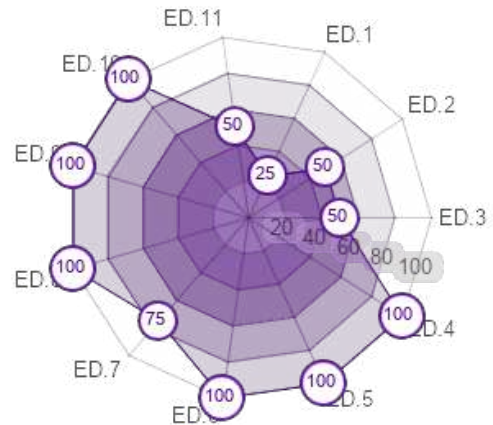


Figure 5.6 Percentage of Score to Maximum Score for Education





# UI GREENMETRIC WORLD UNIVERSITY RANKINGS

## About UI GreenMetric

UI GreenMetric World University Rankings is an annual publication of university rankings on sustainability. It is an initiative from the University of Indonesia that ranks universities around the world based on their commitment and actions towards sustainability. UI GreenMetric World University Rankings aims to increase university awareness towards sustainability.

## History

UI GreenMetric World University Rankings is a non-profit initiative of University of Indonesia developed since 2010.

In 2009 the University of Indonesia hosted an International Conference on World University Rankings. The conference was attended by World University rankers such as Webometrics, HEEACT, and others. In 2010, Prof. Dr. Gumilar Rusliwa Somantri as Rector of the University of Indonesia at that time-initiated UI GreenMetric World University Rankings and appointed Prof. Riri Fitri Sari as the chairperson. Soon a team consisting of Dr. Junaidi, Dr. Budi Hartono, Dr. Allan Lauder, and Prof. Dr. Ir. Gunawan Tjahjono formulated UI GreenMetric Questionnaire and introduced UI Ranking to the world. In 2011, 11 new indicators in 5 categories have been added. Subsequently Education has been added as a new category in 2012. By the year 2015, a massive improvement was introduced including carbon footprint and a more systematic data collection. In 2016 an online based review and validation system has been set for the assessors.

UI GreenMetric took Policy into Action in 2016; Global Partnership for Sustainable Future in 2017; Universities, Impacts, and Sustainable Development Goals (SDGs) in 2018; Sustainable University in a Changing World: Lessons, Challenges and Opportunities in 2019; Universities' Responsibility for Sustainable Development Goals and World's Complex Challenges in 2020; Universities, UI GreenMetric, and SDGs in the Time of Pandemic in 2021; and Collective Actions for Transforming Sustainable Universities in the Post-Pandemic Time in 2022 as its annual themes. In 2022, 1050 universities from 85 countries participate in the rankings.

To reach and coordinate more participating universities, UI GWURN was established in 2017 with a national coordinator in each country. To make it work, Dr. Junaidi formulated a strategic framework for the network. Currently, there are 39 national coordinators in Asia, America, Africa and Europe. Each voluntarily organizes national workshop inviting other universities in their country. Since its establishment in 2010, it has been increasingly recognized as the first university ranking on sustainability and has been used by participating universities to benchmark and do continuous improvement in the area of sustainability.

As a member of IREG, more activities and collaboration among participating universities are expected to achieve our common goal: sustainable university for sustainable future. UI GreenMetric itself developed its own ranking system by studying other ranking systems such as: The Times Higher Education World University Rankings (THE) sponsored by Thompson Reuters, the QS World University Rankings, the Academic Ranking of World Universities (ARWU) published by Shanghai Jiao Tong University (SJTU), and the Webometrics Ranking of World Universities (Webometrics), published by Cybermetrics Lab, CINDOC-CSIC in Spain.

## Methodology

UI GreenMetric collects data through an online questionnaire. All participants complete the questionnaire with evidence. After that, UI GreenMetric expert members and reviewers validate the answers based on the evidence that participants provide. This

Table 1. UI GreenMetric Timeline

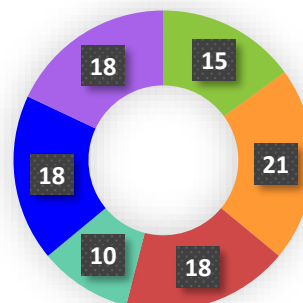
UI GreenMetric Timeline	
2010	UI GreenMetric published for 95 Universities
2011	UI GreenMetric added 11 new indicators within 5 categories
2012	Education became one of the categories
2015	Introducing Carbon Footprint and fact file document
2016	Focusing on university action toward sustainability
2017	UIGWURN established
2018	Focusing on SDGs and enlargement of memberships
2019	Improving questionnaire and data collection method
2020	Three new questions on social and economic impacts, such as (1) Startup for the green economy; (2) Public access to open spaces; (3) Community services
2021	Introducing social, cultural, economic, and pandemic aspects in the questionnaire
2022	Adding an indicator related to water pollution and adjustment related to the current pandemic condition

year's categories and weighting of points are shown as follows. The specific indicators and their points awarded are shown in Table 3. Each indicator has been uniquely identified by a category code and a number (e.g., SI 5).

In our list, universities with the same total score will be ranked according to the highest weighted indicators, i.e firstly based on its Energy and Climate Change (EC) score, then based on the total score for Waste (WS), Transportation (TR), Education (ED). Subsequently it will be based on its Setting and Infrastructure (SI) score, and last will depend on its Water (WR) score.

Table 2. Categories used in the ranking and their weighting

No	Category	Percentage of Total Points (%)
1	Setting and Infrastructure (SI)	15
2	Energy and Climate Change (EC)	21
3	Waste (WS)	18
4	Water (WR)	10
5	Transportation (TR)	18
6	Education (ED)	18
	<b>TOTAL</b>	<b>100</b>



The specific indicators and their points awarded are shown in Table 3. Each indicator has been uniquely identified by a category code and a number (e.g., SI 5).

Table 3 Indicators and categories

No	CRITERIA	Point	Weighting
<b>1</b>	<b>Setting and Infrastructure (SI)</b>		<b>15%</b>
<b>SI1</b>	The ratio of open space area to total area	200	
<b>SI2</b>	Total area on campus covered in forest vegetation	100	
<b>SI3</b>	Total area on campus covered in planted vegetation	200	
<b>SI4</b>	Total area on campus for water absorption besides the forest and planted vegetation	100	
<b>SI5</b>	The total open space area divided by total campus population	200	
<b>SI6</b>	Percentage of university budget for sustainability efforts	200	
<b>SI7</b>	Percentage of operation and maintenance activities of building in one year period	100	
<b>SI8</b>	Campus facilities for disabled, special needs and or maternity care	100	
<b>SI9</b>	Security and safety facilities	100	
<b>SI10</b>	Health infrastructure facilities for students, academics and administrative staff's wellbeing	100	
<b>SI11</b>	Conservation: plant, animal and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities	100	
	<b>Total</b>	<b>1500</b>	
<b>2</b>	<b>Energy and Climate Change (EC)</b>		<b>21%</b>
<b>EC1</b>	Energy efficient appliances usage	200	
<b>EC2</b>	Smart building implementation	300	
<b>EC3</b>	Number of renewable energy sources on campus	300	
<b>EC4</b>	Total electricity usage divided by total campus' population (kWh per person)	300	
<b>EC5</b>	The ratio of renewable energy production divided by total energy usage per year	200	
<b>EC6</b>	Elements of green building implementation as reflected in all construction and renovation policies	200	
<b>EC7</b>	Greenhouse gas emission reduction program	200	
<b>EC8</b>	Total carbon footprint divided by total campus' population (metric tons per person)	200	
<b>EC9</b>	Number of the innovative program(s) in Energy and Climate Change	100	
<b>EC10</b>	Impactful university program(s) on climate change	100	

	<b>Total</b>	<b>2100</b>	
<b>3</b>	<b>Waste (WS)</b>		<b>18%</b>
<b>WS1</b>	Recycling program for university's waste	300	
<b>WS2</b>	Program to reduce the use of paper and plastic on campus	300	
<b>WS3</b>	Organic waste treatment	300	
<b>WS4</b>	Inorganic waste treatment	300	
<b>WS5</b>	Toxic waste treatment	300	
<b>WS6</b>	Sewage disposal	300	
	<b>Total</b>	<b>1800</b>	
<b>4</b>	<b>Water (WR)</b>		<b>10%</b>
<b>WR1</b>	Water conservation program & implementation	200	
<b>WR2</b>	Water recycling program implementation	200	
<b>WR3</b>	Water-efficient appliances usage	200	
<b>WR4</b>	Consumption of treated water	200	
<b>WR5</b>	Water pollution control in the campus area	200	
	<b>Total</b>	<b>1000</b>	
<b>5</b>	<b>Transportation (TR)</b>		<b>18%</b>
<b>TR1</b>	The total number of vehicles (cars and motorcycles) divided by the total campus' population	200	
<b>TR2</b>	Shuttle services	300	
<b>TR3</b>	Zero Emission Vehicles (ZEV) policy on campus	200	
<b>TR4</b>	The total number of Zero Emission Vehicles (ZEV) divided by total campus population	200	
<b>TR5</b>	Ratio of ground parking area to total campus' area	200	
<b>TR6</b>	Program to limit or decrease the parking area on campus for the last 3 years (from 2019 to 2021)	200	
<b>TR7</b>	Number of initiatives to decrease private vehicles on campus	200	
<b>TR8</b>	Pedestrian path on campus	300	
	<b>Total</b>	<b>1800</b>	
<b>6</b>	<b>Education and Research (ED)</b>		<b>18%</b>
<b>ED1</b>	The ratio of sustainability courses to total courses/subjects	300	
<b>ED2</b>	The ratio of sustainability research funding to total research funding	200	
<b>ED3</b>	Number of scholarly publications on sustainability	200	
<b>ED4</b>	Number of events related to sustainability	200	
<b>ED5</b>	Number of student organizations related to sustainability	200	
<b>ED6</b>	University-run sustainability website	200	
<b>ED7</b>	Sustainability report	100	
<b>ED8</b>	Number of cultural activities on campus	100	
<b>ED9</b>	Number of university program(s) to improve teaching and learning	100	
<b>ED10</b>	Number of sustainability community services project organized and/or involving students	100	
<b>ED11</b>	Number of sustainability-related startups	100	
	<b>Total</b>	<b>1800</b>	

Note : Light green indicates new questions introduced in 2022