



# Information Session of UI GreenMetric 2024

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Friday, 3<sup>rd</sup> May 2024

Vilnius University, Lithuania





# UI GreenMetric Questionnaire and Data Submission Process

Friday, 3<sup>rd</sup> May 2024

Vilnius University, Lithuania

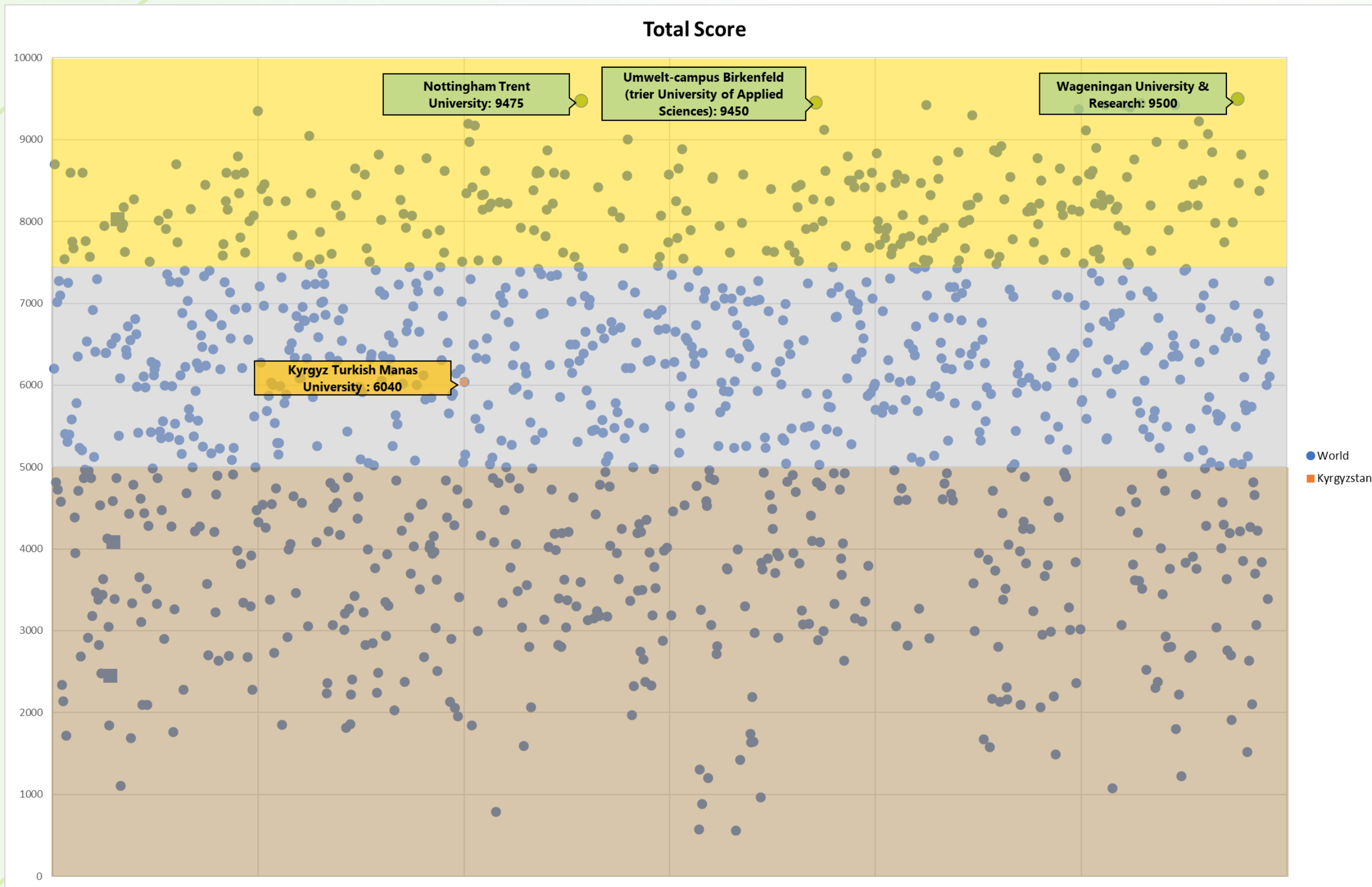
Dr. Ruki Harwahyu, M.T., M.Sc  
Expert Member of UI GreenMetric



# UI GreenMetric Questionnaire



# 2023 Participants Performance



## 2023 Participants Performance:

- **Gold Cluster:**

World : 258 Universities (21.81%)

- **Silver Cluster:**

World : 530 Universities (44.80%)

Kyrgyz : 1 Universities (100%)

- **Bronze Cluster:**

World : 395 Universities (33.39%)

# Setting and Infrastructure (SI)

15%

## Setting and Infrastructure (SI)

Basic information of the university policy towards green environment. Include space for greenery and in safeguarding environment, as well as developing sustainable energy.

### Key indicators:

- The ratio of open space area to the total area
- Total area on campus covered in forest vegetation
- Total area on campus covered in planted vegetation
- Total area on campus for water absorption besides the forest and planted vegetation
- The total open space area divided by the total campus population
- Percentage of university budget for sustainability efforts
- Percentage of operation and maintenance activities of building in one year period
- Campus facilities for disabled, special needs, and/or maternity care
- Security and safety facilities
- Health infrastructure facilities for students, academics, and administrative staff's wellbeing
- Conservation: plant (flora), animal (fauna), and wildlife, genetic resources for food, and agriculture secured in either medium or long-term conservation facilities

# Energy and Climate Change (EC)

21%

## Energy and Climate Change (EC)

The university's attention to the use of energy and climate change issues. Universities are expected to increase the effort in energy efficiency on their buildings, nature and resources.

### Key indicators:

- Energy-efficient appliances usage
- Smart building implementation
- Number of renewable energy sources on campus
- Total electricity usage divided by total campus' population (kWh per person)
- The ratio of renewable energy production divided by total energy usage per year
- Elements of green building implementation as reflected in all construction and renovation policies
- Greenhouse gas emission reduction program
- Total carbon footprint divided by total campus' population (metric tons per person)
- Number of the innovative program(s) in energy and climate change
- Impactful university program(s) on climate change

# Waste (WS)

18%

## Waste (WS)

Waste treatment and recycling programs are major factors in creating a sustainable environment. Universities must take note on its waste production as well as recycling efforts.

### Key indicators:

- 3R (Reduce, Reuse, Recycling) program for university's waste \*)
- Program to reduce the use of paper and plastic on campus
- Organic waste treatment
- Inorganic waste treatment
- Toxic waste treatment
- Sewage disposal

\*) indicates new questions introduced in 2023

# Water (WR)

10%

## Water (WR)

Universities are expected to decrease water usage, increase conservation program, and protect the habitat. This may include water conservation program and piped water usage.

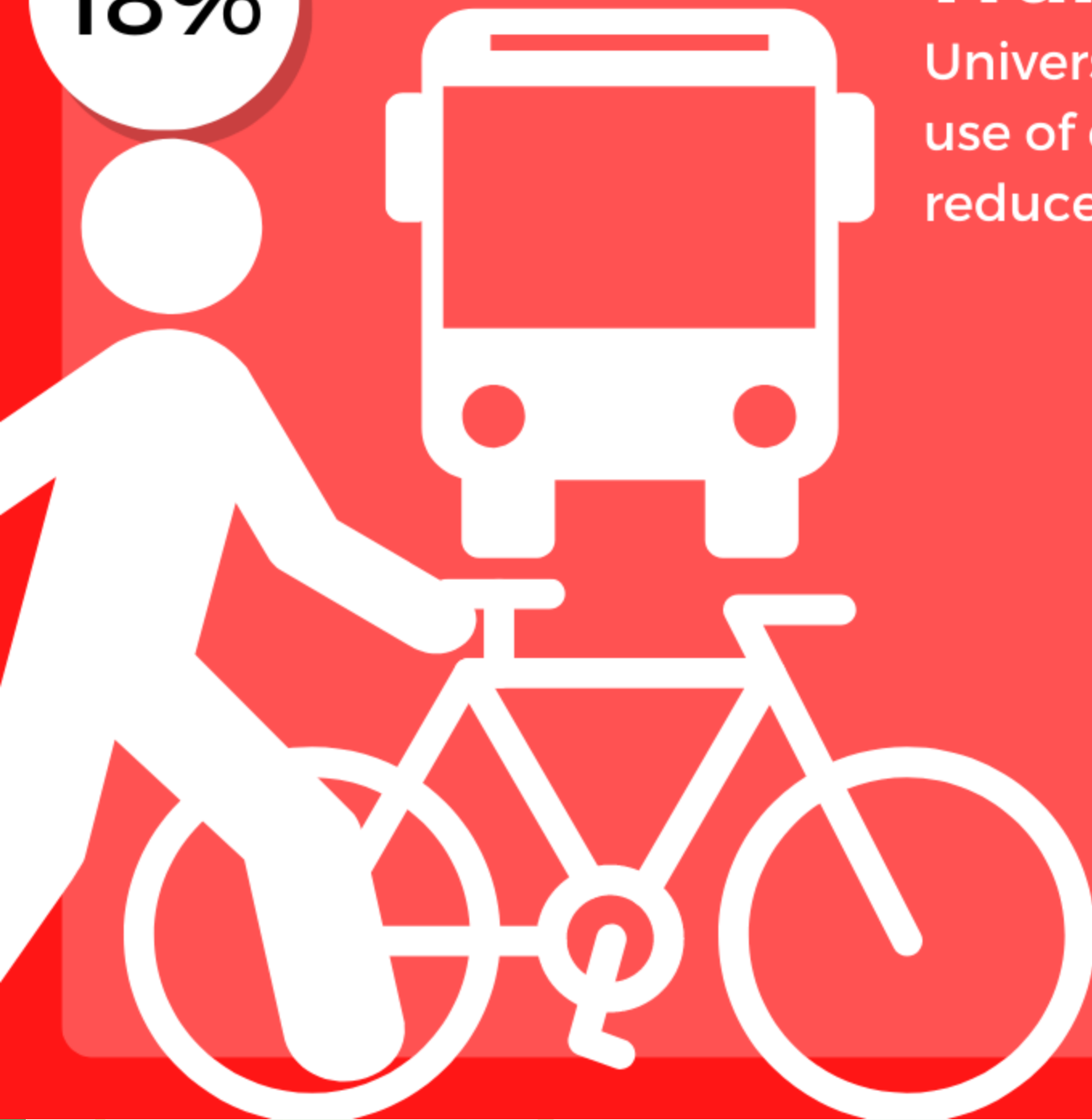
### Key indicators:

- Water conservation program & implementation
- Water recycling program implementation
- Water-efficient appliances usage
- Consumption of treated water
- Water pollution control in the campus area



# Transportation (TR)

18%



## Transportation (TR)

Universities policies in limiting the number of motor vehicles in campus. The use of campus bus and bicycle to encourage a healthier environment and reduce universities carbon footprint.

### Key indicators:

- The total number of vehicles (cars and motorcycles) divided by the total campus' population
- Shuttle services
- Zero-Emission Vehicles (ZEV) policy on campus
- The total number of Zero-Emission Vehicles (ZEV) divided by the total campus population
- The ratio of the ground parking area to the total campus' area
- Program to limit or decrease the parking area on campus for the last 3 years (from 2020 to 2022)
- Number of initiatives to decrease private vehicles on campus
- The pedestrian path on campus

# Education and Research (ED)

18%

## Education and Research (ED)

University effort in creating and supporting the new generation concern with sustainability issues.

### Key indicators:

- The ratio of sustainability courses to total courses/subjects
- The ratio of sustainability research funding to total research funding
- Number of scholarly publications on sustainability
- Number of events related to sustainability
- **Number of activities organized by student organizations related to sustainability per year \*)**
- University-run sustainability website
- Sustainability report
- Number of cultural activities on campus
- **Number of university sustainability program(s) with international collaborations \*)**
- Number of sustainability community services projects organized by and/or involving students
- Number of sustainability-related startups

\*) indicates new questions introduced in 2023

# Data Submission Process

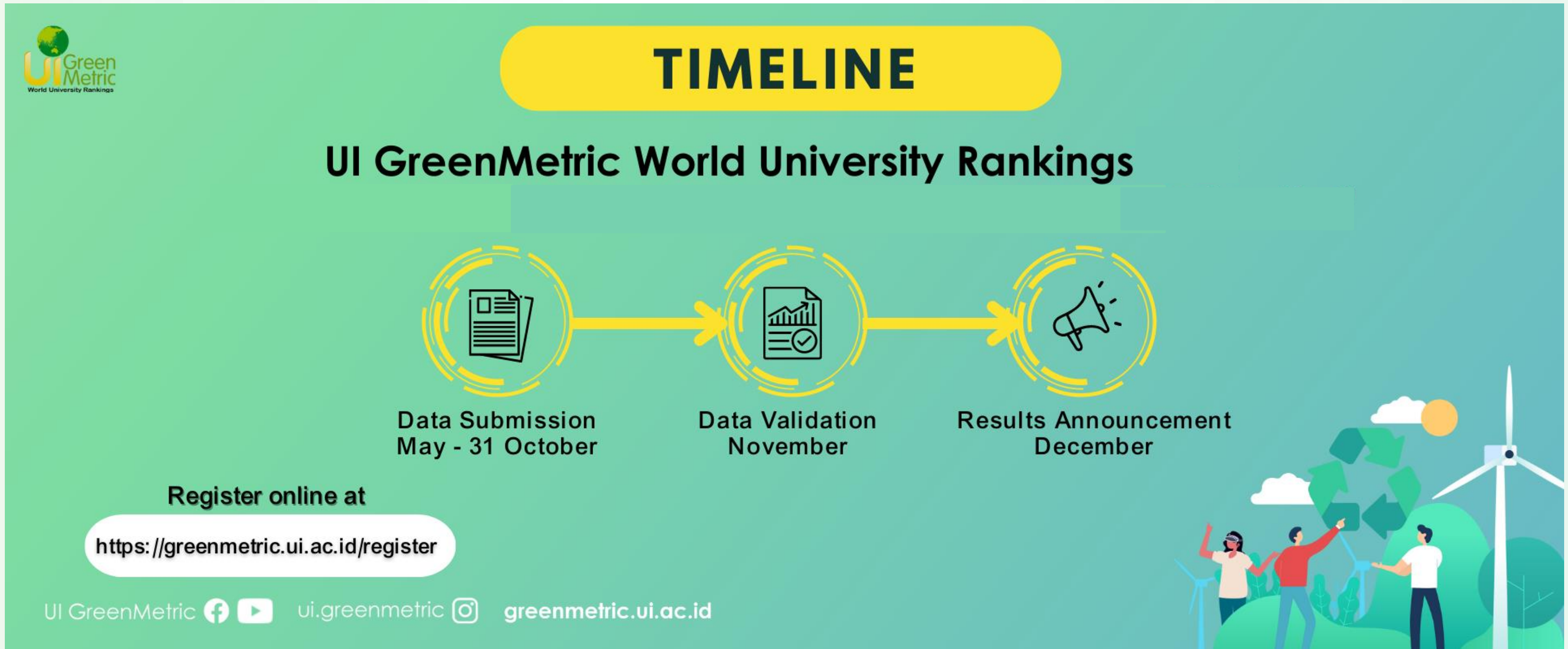


# How to participate?


A screenshot of a web browser displaying the registration form for the UI GreenMetric World University Rankings. The browser window has a purple title bar with standard window controls. The page has a navigation menu at the top with links for 'About', 'Rankings', 'Media & Activities', 'Our Network', 'Useful Resources', and 'Careers'. Below the navigation is a breadcrumb trail showing '> Registration'. The main content area features a large banner with the UI GreenMetric logo and the text 'UI GREENMETRIC WORLD UNIVERSITY RANKINGS'. Below the banner is the title 'UI GreenMetric World University Rankings Registration Form'. The form consists of several input fields: 'University Name', 'University Address', 'University Leader Name', 'University Leader Email', 'University President', and 'University President Email'. Each field has a small label above it and a placeholder text inside the input box.

Please register via web at [greenmetric.ui.ac.id/register](https://greenmetric.ui.ac.id/register) or email us at [greenmetric@ui.ac.id](mailto:greenmetric@ui.ac.id)

# UI GreenMetric Timeline





# UI GreenMetric Questionnaire Online Questionnaire - Profile

UI GreenMetric 

Navigation

- Questionnaire
- Profile
  - Profile**
  - Change Password
- Authentication
  - Log Out

## Profile

 **University Profile**   
🏠 / University Profile

Please complete your university profile below.

Username	<input type="text" value="111.ac.id"/>
University's Name*	<input type="text" value="111"/>
Rector/Leader*	<input type="text" value="111"/>
Email*	<input type="text" value="111!111.com"/>
Website*	<input type="text" value="111"/>
Date Establish*	<input type="text" value="06/01/1999"/>
Country of location*	<input type="text" value="Indonesia"/>
Address*	<input type="text" value="asdasd"/>

# UI GreenMetric Questionnaire Online Questionnaire - Profile

Setting & Infrastructure (SI)	Energy & Climate Change (EC)	Waste (WS)	Water (WR)	Transportation (TR)	Education & Research (ED)
Question					
1.1	Type of higher education institution ?	<input checked="" type="radio"/> Co			
1.2	Climate ?	<input checked="" type="radio"/> T			
1.3	Number of campus site ?		5	<input type="button" value="Select Evidence"/>	
1.4	Campus setting ?	<input checked="" type="radio"/> Rural		<input type="button" value="Select Evidence"/>	

**Click one of the criteria to fill each section**

**Click the question mark icon for the detail of the question**

**Upload your evidence**

**Download evidence template**

\*document in .doc/.docx/.pdf format, size 2MB.

[Evidence template](#)

[Evidence template](#)

Activate Windows



Put your university's logo here

Put your university logo here

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

University : ...  
Country : ...  
Web Address : ...

Fill the data correctly





[2] Energy and Climate Change (EC)

[2.5] Renewable Energy Sources in Campus

SAMPLE

Delete this mark

Evidence could be pictures, graphs, tables, data, etc.

	
Example of Biodiesel Combined Cooling Heating and Power Integration Unit (Shandong Normal University - Lishan College, China)	Example of Biomass Pellet Vacuum Boilers Provide Heating for the Building in winter (Shandong Normal University - Lishan College, China)
	
Example of Roof and Façade Mounted Solar Panels (Umwelt-Campus Birkenfeld, Germany)	Example of Windmill Parks (Wageningen University & Research, Netherlands)

Replace data with your university's data

Provide explanation in description section for the pictures submitted

**Description:**

*(Please describe the renewable energy sources on your campus. The following is an example of the description. You can describe more related items if needed.)*

1. The combined cooling, heating and power (CCHP) unit in Lishan College using biodiesel as fuel, is located in the square of the school's restaurant. The rated power of the generator is 30kW, whose waste heat can be used for heating bathing hot water.
2. On roofs of administration building, library, laboratory building, school factories and other teaching buildings and dormitories, solar PV power station of total 1.6MW is installed. 1# energy station has 2 biomass vacuum boilers, and each boiler is 7MW, providing heating for most of the school buildings in winter, using the crop straws as fuel. Biomass vacuum boiler can meet Chinese ultra - low emission standards due to the installation of bag type dust collectors and denitration equipment. Biomass pellet fuel and geothermal energy only provide heating in winter.

Explanation of evidence should be in English

Add some link for an online evidence

**Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):**



# UI GreenMetric Questionnaire Online Questionnaire - Submit

<input type="radio"/> 2 Programs	<input type="radio"/> 3 Programs	<input type="radio"/> More than 3 Programs	<small>*document in .doc/.docs/.pdf format, size 2MB.</small> <a href="#">Evidence template</a>			
6.15 (ED.10) Number of sustainability community services project organised and/or involving students (new) ?	<input type="radio"/> None	<input checked="" type="radio"/> 1 Project	<input type="radio"/> 2 Projects	<input type="radio"/> 3 Projects.	<input type="radio"/> More than 3 Projects	<a href="#">Select Evidence</a> <small>*document in .doc/.docs/.pdf format, size 2MB.</small> <a href="#">Evidence template</a> and input your list in profile area
6.16 (ED.11) Number of sustainability-related startups (new) ?	<input type="radio"/> None	<input checked="" type="radio"/> 1 - 5 startups	<input type="radio"/> 5- 10 startups	<input type="radio"/> 10 - 15 startups	<input type="radio"/> > 15 startups	<a href="#">Select New Evidence</a> <small>*document in .doc/.docs/.pdf format, size 2MB.</small> <a href="#">Evidence template</a> and input your list in profile area

**Terms and Conditions**

By submitting these data (texts, photos, documents and updated link of your green website), you agree to give UI GreenMetric permission to process and disseminate the results for ranking purposes only.

In addition, in case you are unable to submit data, UI GreenMetric has a right to use the latest available data submitted for the ranking process. The data will be considered valid for 3 years unless you revise the data in the online questionnaire

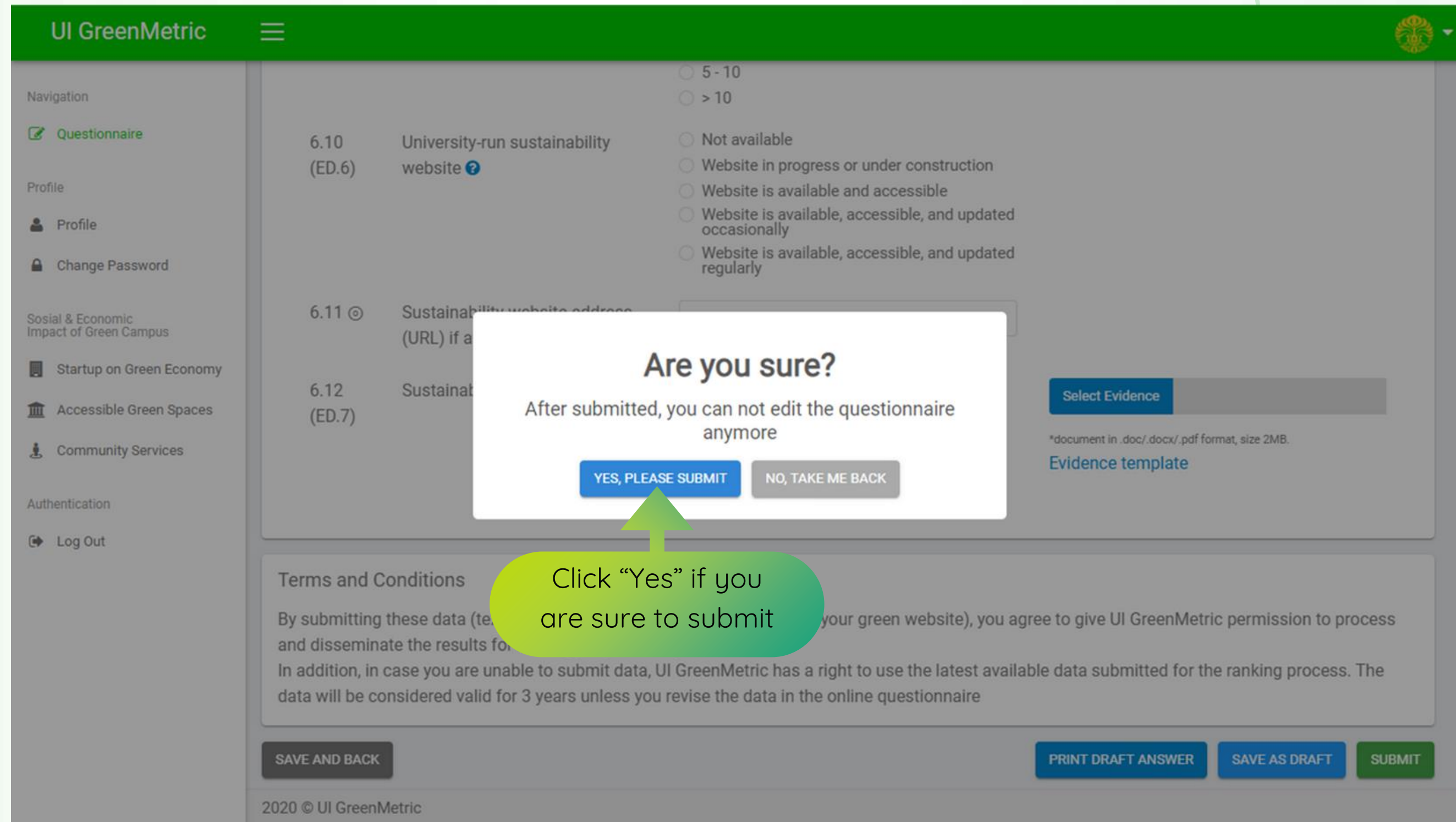
[SAVE AND BACK](#) [PRINT DRAFT ANSWER](#) [SAVE AS DRAFT](#) [SUBMIT](#)

Click this button to print your answers to as for approval from your authority before you submit

Click this button to continue filling the data

Click this to submit

# UI GreenMetric Questionnaire Online Questionnaire - Submit



The screenshot shows the 'UI GreenMetric' online questionnaire submission interface. A confirmation dialog box is centered on the screen, asking 'Are you sure?' and stating 'After submitted, you can not edit the questionnaire anymore'. The dialog has two buttons: 'YES, PLEASE SUBMIT' (highlighted with a green arrow) and 'NO, TAKE ME BACK'. Below the dialog, a green callout bubble says 'Click "Yes" if you are sure to submit'. The background shows a questionnaire form with questions 6.10, 6.11, and 6.12. Question 6.10 is 'University-run sustainability website?' with radio button options: '5 - 10', '> 10', 'Not available', 'Website in progress or under construction', 'Website is available and accessible', 'Website is available, accessible, and updated occasionally', and 'Website is available, accessible, and updated regularly'. Question 6.11 is 'Sustainability website address (URL) if a'. Question 6.12 is 'Sustainab'. There are buttons for 'Select Evidence' and 'Evidence template' on the right. At the bottom, there are buttons for 'SAVE AND BACK', 'PRINT DRAFT ANSWER', 'SAVE AS DRAFT', and 'SUBMIT'. The footer says '2020 © UI GreenMetric'.

# Useful Links

## Methodology:

UI GreenMetric World University Rankings: <https://greenmetric.ui.ac.id/about/methodology>

UI GreenMetric Guideline: <https://greenmetric.ui.ac.id/publications/guidelines>

UI GreenMetric Questionnaire: <https://greenmetric.ui.ac.id/publications/questionnaire>

UI GreenMetric Template Evidence: <https://greenmetric.ui.ac.id/publications/evidence-template>

## Results:

UI GreenMetric World University Rankings: <https://greenmetric.ui.ac.id/rankings/overall-rankings-2023>

UI GreenMetric University Rankings by Region: <https://greenmetric.ui.ac.id/rankings/ranking-by-region-2023>

UI GreenMetric University Rankings by Country: <https://greenmetric.ui.ac.id/rankings/ranking-by-country-2023>

UI GreenMetric University Rankings by Category: <https://greenmetric.ui.ac.id/rankings/ranking-by-category-2023>

## Network:

UI GreenMetric World University Rankings Network: <https://greenmetric.ui.ac.id/network/organization>



## CONTACT

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# Thank you!



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[ui.greenMetric](https://www.instagram.com/ui.greenMetric)