

[5] Policy and programs for water pollution control are fully implemented and monitored regularly

Evidence is required

4.6. Planning, implementation, monitoring and/or evaluation of all programs related to Water Management through the utilization of Information and Communication Technology (ICT) (WR6)

Please provide information regarding planning, implementation, monitoring, and/or evaluation of all programs related to water management through the utilization of ICT on campus. We recommend dashboard to input your Water data. Please select one of the following options

[1] None

[2] The program is currently in the planning stage

[3] Program has been implemented

[4] Program has been implemented and evaluated

[5] Program has been implemented, evaluated, and is currently revised

Evidence is required

4.7. Impact of Water Management programs in supporting the Sustainable Development Goals (SDGs).

Please indicate the extent to which your university's Water Management (WR) programs contribute to the achievement of the UN Sustainable Development Goals (SDGs). Select the option that best reflects the number of SDGs directly supported by these programs. Please select one of the following options

[1] Low impact (supporting 1–2 SDGs)

[2] Moderate impact (supporting 3–5 SDGs)

[3] Significant impact (supporting 6–9 SDGs)

[4] High impact (supporting 10–13 SDGs)

[5] Very high impact (supporting 14–17 SDGs)

Evidence is required

5. Transportation (TR)

Transportation systems play an important role in carbon emission and pollutant levels in universities. Transportation policies that limit the number of motor vehicles on campus and encourage the use of campus buses, shared vehicles, and zero emission vehicles (i.e. bicycles, canoes, snowboards, electric vehicles (cars, motorcycles, bicycles, scooters) etc.) will encourage a healthier environment. The pedestrian policy will encourage students and staff to walk around campus and minimize the use of private vehicles. The use of environmentally friendly public transportation will decrease the carbon footprint around campus.

5.1. Number of cars actively used and managed by the university

Please indicate the number of cars operated on campus owned and managed by the university (including those outsourced to third parties). Please consider only cars with emissions (i.e. cars with combustion engines).

5.2. Number of cars entering the university daily

Please indicate the average number of cars that enter your university daily based on a balanced sample, taking into consideration terms and holiday periods. Please consider only cars with emissions (i.e., cars with combustion engines).

5.3. Number of motorcycles entering the university daily

Please indicate the average number of motorcycles that enter your university daily based on a balanced sample, taking into consideration terms and holiday periods. Please consider only motorcycles/motorbikes with emissions (i.e., motorcycles/motorbikes with combustion engines).

5.4 The total number of vehicles (cars and motorcycles with combustion engines) divided by the total campus' population (TR.1)

Please provide the total number of vehicles divided by the total campus' population.

Formula: $(5.1+5.2+5.3)/(1.12+1.14)$

Please select one of the following options:

- [1] ≥ 1
- [2] $> 0.5 - 1$
- [3] $> 0.125 - 0.5$
- [4] $> 0.045 - 0.125$
- [5] < 0.045

Evidence is required

5.5. Shuttle services (TR.2)

Please describe the condition of the availability of shuttles for journeys within the campus and whether the ride is free or charged, operated by a university or by other parties. The evidence provided may also include campus maps showing the location, area size, route, or distribution of facilities relevant to the indicators. Please select an option from the following options. If shuttle service is not provided due to positive reason(s) such as the campus area is small, another zero-emission transportation service is available, please select "not applicable".

- [1] Possible but not provided by university
- [2] Provided (by university or other parties) and regular but not free
- [3] Provided (by university or other parties) and the university contributes a part of the cost
- [4] Provided by university, regular, and free
- [5] Provided by university, regular, and zero emission vehicle. Or shuttle use is not applicable

Evidence is required

5.6. Number of shuttles operating in the university

Please indicate the number of campus shuttles operating in your university. The campus shuttle can be in the form of buses, multi-purpose vehicle (MPV) cars, or minivans which are operated inside the campus.

5.7. Average number of passengers of each shuttle

Please indicate the average number of passengers of each shuttle on one trip. You can estimate from the seat availability of the shuttle.

5.8. Total trips of each shuttle service each day

Please indicate the total number of trips for each shuttle service per day.

5.9. Zero Emission Vehicles (ZEV) availability on campus (TR.3)

Please describe the extent to which the use of Zero Emission Vehicles (i.e., bicycles, canoes, snowboards, electric vehicles (cars, motorcycles, bicycles, scooters), etc.) is supported for transportation on your campus. Please select an option from the following list that applies to your campus:

- [1] ZEV are not available
- [2] ZEV use is not possible or practical
- [3] ZEV are available, but not provided by university
- [4] ZEV are available, provided by the university and charged
- [5] ZEV are available, and provided by the university for free*

Evidence is required

*Regularly used by campus academic society

5.10. Average number of Zero Emission Vehicles (ZEV) on campus per day

Please indicate the average number of Zero Emission Vehicles bicycles, canoes, snowboards, electric vehicles (cars, motorcycles, bicycles, scooters), etc.) on your campuses daily which include vehicles both owned by the university and privately owned.

5.11. The total number of Zero Emission Vehicles (ZEV) divided by the total campus population (TR.4)

Please provide the total number of Zero-Emission Vehicles (ZEV) divided by the total campus population.

Formula: $(5.10)/(1.12+1.14)$

Please select one of the following options:

- [1] ≤ 0.002
- [2] $> 0.002 - 0.004$
- [3] $> 0.004 - 0.008$
- [4] $> 0.008 - 0.02$
- [5] > 0.02

5.12. Total ground parking area (m²)

Please provide the information on the total parking area in your university. You can estimate or validate this area by using the Google maps feature.

5.13. The ratio of the ground parking area to total campus area (TR.5)

Please select a ratio of the parking area to the total campus area of your university. The evidence provided may also include campus maps showing the location, area size, or distribution of facilities relevant to the indicators.

Formula: $((5.12/1.5) \times 100\%)$

Please select one of the following options:

- [1] $> 11 \%$
- [2] $> 7 - 11 \%$
- [3] $> 4 - 7 \%$
- [4] $> 1 - 4 \%$
- [5] $< 1 \%$

Evidence is required

5.14. Program to limit or decrease the parking area on campus for the last 3 years (TR.6)

Please select a condition that reflects the current university program on transportation designed to limit or decrease the parking area on your campuses. Evidence can include campus maps showing which areas were reduced, and before-and-after proof. Please select an option that best describes your university from the following options:

- [1] None
- [2] In preparation
- [3] Less than 10% decrease in parking area
- [4] 10 - 30% decrease in parking area
- [5] More than 30% decrease in parking area or parking area reduction reaching its limit

Evidence is required

5.15. Number of initiatives to decrease private vehicles on campus (TR.7)

Please select a condition that reflects your university's current initiatives on the availability of transportation to limit or decrease the number of private vehicles on your campuses (i.e., car-free days, car sharing, charging high parking fees, metro/tram/bus services, bike-sharing, low fare subscriptions, limiting student's car, etc.). Please select an option that best describes your university from the following:

- [1] No initiative
- [2] 1 initiative
- [3] 2 initiatives
- [4] 3 initiatives
- [5] > 3 initiatives or initiative is no longer required

Evidence is required

5.16. Pedestrian path on campus (TR.8)

Please describe the extent to which the use of the pedestrian path is supported. Your university can provide information such as pedestrian way network map as evidence. The evidence provided may also include maps showing the location, area size, or distribution of facilities relevant to the indicators. Please select an option from the following list that applies to your campus:

- [1] None
- [2] Available
- [3] Available, and designed for safety
- [4] Available, designed for safety and convenience
- [5] Available, designed for safety, convenience, and in some parts provided with disabled-friendly features

Evidence is required

Note:

- **Safety:** equipped with enough lighting, separator between road for vehicle and pedestrian path, and some handrail.
- **Convenience:** Level difference with a mild slant for walking alongside the pavement, some area covered, using soft (rubber, woods, etc.) material, availability of location information and directions
- **Disabled-friendly:** ramps and guiding blocks that have a suitable design for pedestrians having physical disabilities.

5.17. The approximate daily travel distance of a vehicle inside your campus only (in Kilometers)

Please provide the approximate daily travel distance of a vehicle (i.e., bus, car, motorcycle) inside your campus only in kilometers.

5.18. Planning, implementation, monitoring and/or evaluation of all programs related to Transportation through the utilization of Information and Communication Technology (ICT) (TR.9)

Please provide information regarding planning, implementation, monitoring, and/or evaluation of all programs related to transportation through the utilization of ICT on campus. We recommend dashboard to input your Transportation data. Please select one of the following options

- [1] None
- [2] The program is currently in the planning stage
- [3] Program has been implemented
- [4] Program has been implemented and evaluated
- [5] Program has been implemented, evaluated, and is currently revised

Evidence is required

5.19. Impact of Transportation programs in supporting the Sustainable Development Goals (SDGs).

Please indicate the extent to which your university's Transportation (TR) programs contribute to the achievement of the UN Sustainable Development Goals (SDGs). Select the option that best reflects the number of SDGs directly supported by these programs. Please select one of the following options

- [1] Low impact (supporting 1–2 SDGs)
- [2] Moderate impact (supporting 3–5 SDGs)
- [3] Significant impact (supporting 6–9 SDGs)

[4] High impact (supporting 10–13 SDGs)

[5] Very high impact (supporting 14–17 SDGs)

Evidence is required

6. Education and Research (ED)

The university's education and research information provide basic information about the university's policies and actions in creating and supporting their students, academic and non-academic staff with sustainability awareness. This criterion also encourages universities to report their sustainability activities, strategies, and targets to their stakeholders.

6.1. Number of courses/subjects related to sustainability offered

The number of courses/subjects of which the contents are related to sustainability offered at your university. Some universities have already tracked how many courses/subjects are available for this. The definition of the extent to which a course can be seen as related to sustainability (environmental, social, cultural, economics) or both, can be defined according to your university's situation. If a course/subject contributes in more than a minor or passes the way to increase awareness, knowledge, or action related to sustainability, then it counts. The number of courses/subjects can be counted by specifying related sustainability keywords used in the subjects. For example, Environmental Chemistry is the subject of the Chemistry study program.

Evidence is required

6.2. Total number of courses/subjects offered

It is the total number of courses/subjects offered at your university yearly. This information will be used to calculate to what extent environment and sustainability education have been defined in your university teaching and learning.

Evidence is required

6.3. Total number of study program related to sustainability offered

It is the total number of study program related to sustainability offered at your university. This information will be used to calculate to what extent environment and sustainability education have been defined in your university teaching and learning.

Evidence is required

6.4. The ratio of sustainability courses to total courses/subjects (ED.1)

Please select the ratio of sustainability courses to the total number of courses (subjects) in your university.

Formula: $((6.1/6.2) \times 100\%)$

Please select one of the following options:

[1] $\leq 1\%$

[2] $> 1 - 5\%$

[3] $> 5 - 10\%$

[4] $> 10 - 20\%$

[5] $> 20\%$

6.5. Total research funds dedicated to sustainability research (in US Dollars)

Please provide the average funding for research on sustainability per annum over the last 3 years.

Evidence is required

6.6. Total research funds (in US Dollars)

The average total research funds per annum over the last 3 years. This information will be used to calculate