

University Profile

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PIC Profile

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Setting and Infrastructure		
Question	Answer	
1.1()	Type of higher education institution	<input type="radio"/> Comprehensive <input checked="" type="radio"/> Specialized higher education institution
1.2()	Climate	<input type="radio"/> Tropical Wet <input checked="" type="radio"/> Tropical Wet and Dry <input type="radio"/> Semiarid <input type="radio"/> Arid <input type="radio"/> Mediterranean <input type="radio"/> Humid Subtropical <input type="radio"/> Marine West Coast <input type="radio"/> Humid Continental <input type="radio"/> Subartic <input type="radio"/> Humid Subtropis
1.3()	Number of campus site	6
1.4()	Main campus setting	<input type="radio"/> Rural <input checked="" type="radio"/> Suburban <input type="radio"/> Urban <input type="radio"/> In city center <input type="radio"/> High rise building
1.5()	Total main campus area (meter square)	3540000
1.6()	Total main campus ground floor area of buildings (meter square)	127726.78
1.7()	Total main campus buildings area (meter square)	262021.02
1.8(SI.1)	The ratio of open space towards total area. Formula: $((1.5 - 1.6 / 1.5) * 100\%)$	<input type="radio"/> < 1 <input type="radio"/> 1 - 70% <input type="radio"/> > 70 - 85% <input type="radio"/> > 85 - 92% <input checked="" type="radio"/> > 92%
1.9(SI.2)	Total area on campus covered in forest vegetation (please provide total area in meter square)	<input type="radio"/> < 1 % <input type="radio"/> 1 - 2% <input type="radio"/> > 2 - 9% <input type="radio"/> > 9 - 22% <input checked="" type="radio"/> > 22%: 2,985,300(84%) m²
1.10(SI.3)	Total area on campus covered in planted vegetation (please provide total area in meter square)	<input type="radio"/> < 1 % <input type="radio"/> 1 - 9% <input checked="" type="radio"/> > 9 - 19%: 527,213 (14.89%) m² <input type="radio"/> > 19 - 34% <input type="radio"/> > 34%
1.11(SI.4)	Total area on campus for water absorption besides forest and planted vegetation (please provide total area in meter square)	<input type="radio"/> < 1 <input type="radio"/> 1 - 2% <input type="radio"/> > 2 - 14% <input type="radio"/> > 14 - 29% <input checked="" type="radio"/> > 29%: 331723 (93.7%) m²
1.12()	Total number of regular students (part time and full time)	10422
1.13()	Total number of online students (part time and full time)	0
1.14()	Total number of academic and administrative staff	1753
1.15(SI.5)	The total of open space area divided campus population. Formula: $((1.5 - 1.6) / (1.12 + 1.14))$	<input type="radio"/> < 1 m ² <input type="radio"/> 1 - 3 m ² <input type="radio"/> > 3 - 27 m ² <input type="radio"/> > 27 - 83 m ² <input checked="" type="radio"/> > 83 m ²
1.16()	Total university budget (in US Dollars)	49028096.00
1.17()	University budget for sustainability effort (in US Dollars)	8171349.33
1.18(SI.6)	Percentage of University budget for sustainability effort within a year	<input type="radio"/> < 1 % <input checked="" type="radio"/> 1 - 3% <input type="radio"/> > 3 - 5% <input type="radio"/> > 5 - 10% <input type="radio"/> > 10%
Energy and Climate Change		
Question	Answer	
2.1(EC.1)	Energy efficient appliances usage	<input type="radio"/> < 1% <input checked="" type="radio"/> 1 - 25% <input type="radio"/> > 25 - 50% <input type="radio"/> > 50 - 75% <input type="radio"/> > 75%

2.2()	Total main campus smart building area (meter square)	193936
2.3(EC.2)	Smart Building implementation (percentage of the total floor area of smart building to the total all floors building area (smart and non-smart buildings area)). Formula: $((2.2/1.7)*100\%)$	<input type="radio"/> < 1% <input type="radio"/> 1% - 25% <input checked="" type="radio"/> > 25% - 50% <input type="radio"/> > 50% - 75% <input type="radio"/> > 75%
2.4(EC.3)	Number of renewable energy sources in campus (solar power, bio diesel, wind power, etc)	<input checked="" type="radio"/> 0 <input type="radio"/> 1 source <input type="radio"/> 2 sources <input type="radio"/> 3 sources <input type="radio"/> > 3 sources
2.5()	Please specify renewable energy sources in campus and provide capacity produced in kilo watt hour	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Bio Diesel <input type="checkbox"/> Clean Biomass <input type="checkbox"/> Solar Power <input type="checkbox"/> Wind Power <input type="checkbox"/> Geothermal <input type="checkbox"/> Hydropower <input type="checkbox"/> Combine Heat and Power
2.6()	Electricity usage per year (in kilo watt hour)	1440062785.40
2.7(EC.4)	The total electricity usage divided by campus population (kWh per person). Formula: $((2.6)/(1.12+1.14))$	<input checked="" type="radio"/> > 2424 kWh <input type="radio"/> > 1535 - 2423 kWh <input type="radio"/> > 633 - 1535 kWh <input type="radio"/> 279 - 633 kWh <input type="radio"/> < 279 kWh
2.8(EC.5)	Ratio of renewable energy production towards total energy usage per year	<input checked="" type="radio"/> < 1% <input type="radio"/> 1%-25% <input type="radio"/> > 25%-50% <input type="radio"/> > 50% - 75% <input type="radio"/> > 75%
2.9(EC.6)	Elements of green building implementation as reflected in all construction and renovation policies (e.g. natural ventilation, full natural day-lighting, existence of building energy manager, and existence of Green Building)	<input type="radio"/> None <input type="radio"/> 1 element <input type="radio"/> 2 elements <input type="radio"/> 3 elements <input checked="" type="radio"/> > 3 elements
2.10(EC.7)	Greenhouse gas emission reduction program	<input type="radio"/> None (reduction program is needed, but nothing has been done) <input type="radio"/> Program in preparation (e.g. feasibility study and promotion) <input type="radio"/> Program(s) aims to reduce one out of three sources emissions (Scope 1 or 2 or 3) <input type="radio"/> Program(s) aims to reduce two out of three sources emissions (Scope 1 and 2 or Scope 1 and 3 or Scope 2 and 3) <input checked="" type="radio"/> Program(s) aims to reduce all three sources emissions (Scope 1, 2 and 3)
2.11()	Please provide total carbon footprint (CO2 emission in the last 12 months, in metric tons)	4724.19203
2.12(EC.8)	The total carbon footprint divided by campus population (metric ton per person). Formula: $((2.11)/(1.12+1.14))$	<input checked="" type="radio"/> > 2.05 metric ton <input type="radio"/> > 1.11 - 2.05 metric ton <input type="radio"/> > 0.42 - 1.11 metric ton <input type="radio"/> 0.10 - 0.42 metric ton <input type="radio"/> < 0.10 metric ton

Waste

Question	Answer
3.1(WS.1) Recycling program for university waste	<input type="radio"/> Not Applicable <input checked="" type="radio"/> Partial (1% - 25% of waste) <input type="radio"/> Partial (> 25% - 50% of waste) <input type="radio"/> Partial (> 50% - 75% of waste) <input type="radio"/> Extensive (> 75% waste free)
3.2(WS.2) Program to reduce the use of paper and plastic in campus	<input type="radio"/> Not applicable. If there is no program in your university. <input type="radio"/> 1 program <input type="radio"/> 2 programs. <input type="radio"/> 3 programs. <input checked="" type="radio"/> more than 3 programs.
3.3(WS.3) Organic waste treatment	<input type="radio"/> Open dumping <input checked="" type="radio"/> Partial (1% - 25% of treated) <input type="radio"/> Partial (> 25% - 50% of treated) <input type="radio"/> Partial (> 50% - 75% of treated) <input type="radio"/> Extensive (> 75% treated and recycled)
3.4(WS.4) Inorganic waste treatment	<input type="radio"/> Burned in open <input type="radio"/> Partial (1% - 25% of treated) <input type="radio"/> Partial (> 25% - 50% of treated) <input checked="" type="radio"/> Partial (> 50% - 75% of treated) <input type="radio"/> Extensive (> 75% treated and recycled)
3.5(WS.5) Toxic waste treatment	<input type="radio"/> Not Managed <input type="radio"/> Partial (1% - 25% of treated) <input type="radio"/> Partial (> 25% - 50% of treated) <input checked="" type="radio"/> Partial (> 50% - 75% of treated) <input type="radio"/> Extensive (> 75% treated and recycled)
3.6(WS.6) Sewerage disposal	<input type="radio"/> Untreated to waterways <input type="radio"/> Treated conventionally <input checked="" type="radio"/> Treated technically <input type="radio"/> Treatment for down cycling <input type="radio"/> Treatment for up cycling

Water

Question	Answer
4.1(WR.1) Water conservation program implementation	<input type="radio"/> None (Conservation program is needed, but nothing has been done) <input type="radio"/> 1%-25% : Program in preparation (e.g. feasibility study and promotion) <input checked="" type="radio"/> > 25%- 50%: Implemented at early stage (e.g. measurement of potential surface runoff volume) <input type="radio"/> > 50% - 75% water conserved <input type="radio"/> > 75% water conserved
4.2(WR.2) Water recycling program implementation	<input type="radio"/> None (Water recycling program is needed, but nothing has been done) <input type="radio"/> 1%-25% : Program in preparation (e.g. feasibility study and promotion) <input checked="" type="radio"/> > 25%- 50%: Implemented at early stage (e.g. measurement of waste water) <input type="radio"/> > 50% - 75% water recycled <input type="radio"/> > 75% water recycled
4.3(WR.3) Water efficient appliance usage (water tap, toilet flush, etc)	<input type="radio"/> None (Water efficient appliances is needed, but nothing has been done) <input type="radio"/> 1%-25% : Program in preparation (e.g. feasibility study and promotion) <input checked="" type="radio"/> > 25%- 50% of water efficient appliances installed <input type="radio"/> > 50% - 75% of water efficient appliances installed <input type="radio"/> > 75% of water efficient appliances installed

4.4(WR.4)	Treated water consumed (percentage)	<input type="radio"/> None <input type="radio"/> 1% - 25% treated water consumed <input checked="" type="radio"/> > 25% - 50% treated water consumed <input type="radio"/> > 50% - 75% treated water consumed <input type="radio"/> > 75% treated water consumed
Transportation		
Question		Answer
5.1()	Number of cars actively used and managed by University	74
5.2()	Number of cars entering the university daily	3045
5.3()	Number of motorcycles entering the university daily	1304
5.4(TR.1)	The Ratio of Vehicles (cars and motorcycles) divided campus population. Formula: $((5.1+5.2+5.3)/(1.12+1.14))$	<input type="radio"/> >=1 <input type="radio"/> >=0.5 to <1 <input type="radio"/> >=0.125 to <0.5 <input checked="" type="radio"/> >= 0.045 to <0.125 <input type="radio"/> < 0.045
5.5(TR.2)	Shuttle service	<input type="radio"/> Shuttle service is possible but not provided by university <input type="radio"/> Shuttle service is available and the University contributes some parts of its costs <input type="radio"/> Shuttle service is provided by University and regular but not free <input type="radio"/> Shuttle service is provided by University, regular, and free <input checked="" type="radio"/> Shuttle service is provided by university, regular, free, and zero emission. Or shuttle use is not possible
5.6()	Number of shuttles operated in your university	2
5.7()	Average number of passengers of each shuttle	25
5.8()	Total trips of shuttle services each day	25
5.9(TR.3)	Zero Emission Vehicles (ZEV) policy on campus	<input type="radio"/> Zero Emission Vehicles are not available <input type="radio"/> Zero Emission Vehicles use is not possible or practical <input type="radio"/> Zero Emission Vehicles are available, but not provided by university <input checked="" type="radio"/> Zero Emission Vehicles are available, and provided by university and charged <input type="radio"/> Zero Emission Vehicles are available, and provided by university for free
5.10()	Average number of Zero Emission Vehicles (e.g. bicycles, cano, snowboard, electric car, etc.) on campus per day	300
5.11(TR.4)	The Ratio of Zero Emission vehicle divided campus population. Formula: $((5.10)/(1.12+1.14))$	<input checked="" type="radio"/> <= 0.002 <input type="radio"/> > 0.002 to <= 0.004 <input type="radio"/> > 0.004 to <= 0.008 <input type="radio"/> > 0.008 to <= 0.02 <input type="radio"/> > 0.02
5.12()	Total parking area (meter square)	870002
5.13(TR.5)	Ratio of parking area to total campus area	<input type="radio"/> > 8% <input type="radio"/> > 6 - 8% <input type="radio"/> > 4 - 6% <input checked="" type="radio"/> 1% - 4% <input type="radio"/> < 1%
5.14(TR.6)	Transportation program designed to limit or decrease the parking area on campus over the last 3 years (from 2015 to 2017)	<input type="radio"/> Not Applicable <input type="radio"/> Program in preparation (e.g. feasibility study and promotion) <input type="radio"/> Less than 10% decrease <input type="radio"/> Between 10% - 30% decrease <input checked="" type="radio"/> Program resulting in more than 30% decrease in parking or parking is restricted
5.15(TR.7)	Number of transportation initiatives to decrease private vehicles on campus (e.g. car sharing, charging high parking fees, metro / tram / bus services and etc)	<input type="radio"/> Not Applicable <input type="radio"/> 1 initiative <input type="radio"/> 2 initiatives <input type="radio"/> 3 initiatives <input checked="" type="radio"/> > 3 initiatives
5.16(TR.8)	Pedestrian path policy on campus	<input type="radio"/> Pedestrian paths are not applicable <input type="radio"/> Pedestrian paths are available <input type="radio"/> Pedestrian paths are available, and design for safety <input checked="" type="radio"/> Pedestrian paths are available, design for safety and convenient <input type="radio"/> Pedestrian paths are available, design for safety, convenient, and in some part disabled-friendly features.
5.17()	Approximate daily travel distance of a vehicle inside campus only (in Kilometers)	7
Education and Researc		
Question		Answer
6.1()	Number of courses/subjects related to sustainability offered	194
6.2()	Total number of courses/subjects offered	1106
6.3(ED.1)	The ratio of sustainability courses divided by total courses / subjects	<input type="radio"/> < 1% <input type="radio"/> 1% - 3% <input type="radio"/> > 3% - 8% <input type="radio"/> > 8% - 17% <input checked="" type="radio"/> > 17%
6.4()	Total research funds dedicated to sustainability research (in US Dollars) (average per annum over the last 3 years).	158440.35
6.5()	Total research funds (in US Dollars) (average per annum over the last 3 years).	7107086.99
6.6(ED.2)	The ratio of sustainability research funding divided by total research funding	<input type="radio"/> < 1% <input checked="" type="radio"/> 1% - 7% <input type="radio"/> > 7% - 14% <input type="radio"/> > 14% - 30% <input type="radio"/> > 30%
6.7(ED.3)	Number of scholarly publications on sustainability published. (average annually for the past 3 years)	<input type="radio"/> 0 <input type="radio"/> 1 - 20 <input type="radio"/> 21 - 83 <input checked="" type="radio"/> 83 - 300 <input type="radio"/> > 300
6.8(ED.4)	Number of events related to sustainability. (average annually for the past 3 years)	<input type="radio"/> 0 <input type="radio"/> 1 - 4 <input type="radio"/> 5 - 17 <input type="radio"/> 18 - 47 <input checked="" type="radio"/> > 47

6.9(ED.5)	Number of student organizations related to sustainability	<input type="radio"/> 0 <input type="radio"/> 1 - 2 <input type="radio"/> 3 - 4 <input type="radio"/> 5 - 10 <input checked="" type="radio"/> > 10
6.10(ED.6)	Existence of a university-run sustainability website	<input type="radio"/> Not available <input type="radio"/> Website in progress or under construction <input checked="" type="radio"/> Website is available and accessible <input type="radio"/> Website is available, accessible, and updated occasionally <input type="radio"/> Website is available, accessible, and updated regularly
6.11()	Sustainability website address if available	http://avantgardebwc.blogspot.com/ , http://www1.widgetserver.com/?subid4=1540991901.0192846829kw=watch+TVKW1=Dedicated20ServersKW2=Help20Desk20Support20Softwaresearchbox=0domainname=0backfill=0 , http://seatru.umt.edu.my/
6.12(ED.7)	Existence of published sustainability report	<input type="radio"/> Not available <input type="radio"/> Sustainability report is in preparation <input type="radio"/> Sustainability report is available <input type="radio"/> Sustainability report is available and updated annually <input checked="" type="radio"/> Sustainability report is available, accessible, and updated annually

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