Questionnaire Data

University Profile

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University Name	: Shinawatra University
University Leader	: President : Associate Professor Zhou Fei

PIC Profile

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Setting and Infrastructure

Question		Answer
1.1()	Type of higher education institution	[1] **Comprehensive**
1.2()	Climate	[1] **Tropical Wet**
1.3()	Number of campus site	1
1.4()	Campus setting	[2] **Suburban**
1.5()	Total campus area (m^2)	480000
1.6()	Total campus ground floor area of buildings (m^2)	13043
1.7()	Total campus buildings area (m^2)	40120
1.8(SI.1)	The ratio of open space to total area.	[5] **> 95%**
1.9(SI.2)	Total area on campus covered in forest vegetation (please provide total area in square meters)	[4] **> 22 - 35%**: **136800 m2**
1.10(SI.3)	Total area on campus covered in planted vegetation (please provide total area in square meters)	[4] **> 30 - 40%**: **303080 m2**
1.11(SI.4)	Total area on campus for water absorption besided forest and planted vegetation (please provide total area in square meters)	[4] **> 20 - 30%**: **65120 m2**
1.12()	Total number of regular students (part time and full time)	1304
1.13()	Total number of online students (part time and full time)	0
1.14()	Total number of academic and administrative staff	510

1.15(SI.5)	The total open space area divided by total campus population.	[5] **> 70 m2 / person**
1.16()	Total university's budget (in US Dollars)	3698098
1.17()	University's budget for sustainability effort (in US Dollars)	644991
1.18(SI.6)	Percentage of University's budget for sustainability effort	[5] **> 15%**
1.19(SI.7)	Percentage of operation and maintenance activities of building in one year period	[2] **> 25 - 50%**
1.20(SI.8)	Campus facilities for disable and maternity care	[3] **Facilities are in planning stage**
1.21(SI.9)	Security and safety facilites	[3] **Security infrastructure (CCTV, emergency hotline/button, personnel, fire extinguisher, hydrant) available and fully function**
1.22(SI.10)	Health infrastructure facilities for students and academic and administrative staff wellbeing	[3] **Health infrastructure (first aid, emergency room, clinic and certified personel) available**
1.23(SI.11)	Conservation: plant (flora), animal (fauna), and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities	[1] **Conservation program in preparation**
1.24()	Planning, implementation, monitoring and/or evaluation of all programs related to Setting and Infrastructure through the utilization of Information and Communication Technology (ICT)	[2] **The program is currently in the planning stage**

Energy and Climate Change

Question		Answer
2.1(EC.1)	Energy efficient appliances usage	[3] **> 25 - 50%**
2.2()	Total campus smart building area (m^2)	25137
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).	[4] **> 50% - 75%**
2.4(EC.3)	Number of renewable energy sources in campus (solar power, bio diesel, wind power, etc)	[2] **1 source**

2.5()	Renewable energy sources and their amount of the energy produced (in kilowatt-hour)	[2] **Bio Diesel**: **17 kWh**
2.6()	Electricity usage per year (in kilo watt hour)	1367920
2.7(EC.4)	The total electricity usage divided by total campus population (kWh per person).	[3] **>633 - 1535 kWh**
2.8(EC.5)	The ratio of renewable energy production divided by total energy usage per year	[4] **> 2 - 25%**
2.9(EC.6)	Elements of green building implementation as reflected in all construction and renovation policies	[5] **> 3 elements**
2.10(EC.7)	Greenhouse gas emission reduction program	[3] **Program(s) aims to reduce one out of three scopes emissions (Scope 1 or 2 or 3)**
2.11()	Please provide the total carbon footprint (CO_2 emission in the last 12 months, in metric tons)	1475
2.12(EC.8)	The total carbon footprint divided by total campus population (metric tons per person).	[3] **> 0.42 - 1.11 metric tons**
2.13(EC.9)	The number of innovative program(s) in Energy and Climate Change	[1] **None**
2.14(EC.10)	Impactful university program(s) on climate change	[3] **Provide training, educational materials, seminars/conferences, and activities which are implemented by surrounding communities**
2.15()	Planning, implementation, monitoring and/or evaluation of all programs related to Energy and Climate Change through the utilization of Information and Communication Technology (ICT)	[2] **The program is currently in the planning stage**

Waste

Question		Answer
3.1(WS.1)	3R (Reduce, Reuse, Recycle) program for university's waste	[4] **3R program > 50 – 75% implemented**
3.2(WS.2)	Program to reduce the use of paper and plastic on campus	[3] **4 - 6 programs**
3.3()	Total volume organic waste produced (ton)	69.3

3.4()	Total volume organic waste treated (tons)	17.325
3.5(WS.3)	Organic waste treatment	[3] **Partial (> 35 - 65% treated)**
3.6()	Total volume inorganic waste produced (tons)	39.9
3.7()	Total volume inorganic waste treated (tons)	43.38
3.8(WS.4)	Inorganic waste treatment	[3] **Partial (> 35 - 65% treated)**
3.9()	Total volume toxic waste produced (tons)	0.1116
3.10()	Total volume toxic waste treated (tons)	0.01674
3.11(WS.5)	Toxic waste treatment	[4] **Partial (> 65 - 85% treated)**
3.12(WS.6)	Sewage disposal	[4] **Treated with secondary treatment**
3.13()	Planning, implementation, monitoring and/or evaluation of all programs related to Waste Management through the utilization of Information and Communication Technology (ICT)	[2] **The program is currently in the planning stage**

Water

Question		Answer
4.1(WR.1)	Water conservation program and implementation	[4] **> 25 - 50% water conserved**
4.2(WR.2)	Water recycling program implementation	[4] **> 25 - 50% water recycled**
4.3(WR.3)	Water efficient appliance usage	[2] **20 - 40% of water efficient appliances installed**
4.4(WR.4)	Consumption of treated water	[4] **> 50% - 75% treated water consumed**
4.5(WR.5)	Water pollution control in campus area	[3] **Policy and programs for water pollution control are in the early implementation stage**
4.6()	Planning, implementation, monitoring and/or evaluation of all programs related to Water Management through the utilization of Information and Communication Technology (ICT)	[2] **The program is currently in the planning stage**

Transportation

Question	Answer

5.1()	Number of cars actively used and managed by University	16
5.2()	Number of cars entering the university daily	229
5.3()	Number of motorcycles entering the university daily	100
5.4(TR.1)	The total number of vehicles (cars and motorcycles) divided by total campus population.	[3] **> 0.125 - 0.5**
5.5(TR.2)	Shuttle service	[5] **Shuttle service is provided by university, regular, and environment friendly. Or shuttle use is not possible (not applicable)**
5.6()	Number of shuttles operated in your university	0
5.7()	Average number of passengers of each shuttle	0
5.8()	Total trips of shuttle services each day	0
5.9(TR.3)	Zero Emission Vehicles (ZEV) policy on campus	[5] **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	52
5.11(TR.4)	The total number of Zero Emission Vehicles (ZEV) divided by total campus population.	[5] **> 0.02**
5.12()	Total ground parking area (m^2)	3262
5.13(TR.5)	Ratio of parking area to total campus area.	[5] **< 1%**
5.14(TR.6)	Transportation program designed to limit or decrease the parking area on campus for the last 3 years (from 2021 to 2023)	[2] **Program in preparation (e.g. feasibility study and promotion)**
5.15(TR.7)	Number of initiatives to decrease private vehicles on campus	[4] **3 initiatives**
5.16(TR.8)	Pedestrian path on campus	[4] **Pedestrian paths are available, designed for safety and convenience**
5.17()	Approximate daily travel distance of a vehicle inside campus only (in Kilometers)	8
5.18()	Planning, implementation, monitoring and/or evaluation of all programs related to Transportation through the utilization of Information	[2] **The program is currently in the planning stage**

	and Communication Technology (ICT)	

Education and Research

Question		Answer
6.1()	Number of courses/subjects related to sustainability offered	51
6.2()	Total number of courses/subjects offered	299
6.3(ED.1)	The ratio of sustainability courses to total courses/subjects	[4] **> 10 - 20%**
6.4()	Total research funds dedicated to sustainability research (in US Dollars) (average per annum over the last 3 years).	70044
6.5()	Total research funds (in US Dollars) (average per annum over the last 3 years).	105902
6.6(ED.2)	The ratio of sustainability research funding to total research funding	[5] **> 40%**
6.7(ED.3)	Number of scholarly publications on sustainability published. (average annualy for the past 3 years)	[2] **1 - 20**
6.8(ED.4)	Number of events related to sustainability. (average annualy for the past 3 years)	[2] **1 - 5**
6.9(ED.5)	Number of activities organized by student organizations related to sustainability per year	[2] **1 - 5**
6.10(ED.6)	University-run sustainability website	[4] **Website is available, accessible, and updated occasionally**
6.11()	Sustainability website address (URL) if available	esg.siu.ac.th
6.12(ED.7)	Sustainability report	[5] **Sustainability report is accessible and published annually**
6.13()	Sustainability report link address (URL) if available	https://esg.siu.ac.th/wp-content/uploads/2024/04/UI-GreenMetric-Report-1.pdf
6.14(ED.8)	Number of cultural activities on campus	[4] **7 - 10 events per year**
6.15(ED.9)	Number of university program(s) with international collaborations	[1] **None**
6.16(ED.10)	Number of community services related to sustainability organized by university and involving students	[2] **1 - 3 projects per year**

6.17(ED.11)	Number of sustainability-related startups	[1] **None**
6.18()	Total number of graduates with green jobs (for the last 3 years)	0
6.19()	Availability of units or offices that coordinate or are related to sustainability	[5] **Unit(s) or office(s) with university leader decree of establishment, structure and duties has been operational and lead the university implementation of sustainability**
6.20()	Planning, implementation, monitoring and/or evaluation of university governance through the utilization of Information and Communication Technology (ICT)	[2] **The program is currently in the planning stage**

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