

UI Green Metric World University Rankings



University Name: Universidad Central de Venezuela

Responsible:

Date of Establishment:

Address

Longitude

Latitude

URL of the official website

Region (Based on region classification)

Rector/President/Vice Chancellor of University

Sustainability Director

PIC/Sustainability

Director PIC/Sustainability Director's e-mail address

Partnership Sustainability

a. Networks:

1. Local (please select from the available networks' names below or add additional network)

2. Regional (please select from the available networks' names below or add additional network)

3. International (please select from the available networks' names below or add additional network)

b. Partners:

1. Government

2. Community and/or Business

3. Educational Institution

Scopus Affiliation ID (8 Digit):

No	CRITERIA	INDICATIVE PERFORMANCE MEASURE					Point	Evidence
1	Setting and Infrastructure (SI)							
1.1.	Type of higher education institution	[1] Comprehensive	[2] Specialized higher education institution					
1.2.	Climate	[1] Tropical wet	[2] Tropical wet and dry	[3] Semi arid	[4] Arid	[5] Mediterranean		
		[6] Humid subtropical	[7] Marine west coast/Oceanic Climate	[8] Humid continental	[9] Subarctic			
1.3.	Number of campus sites	Provide number						required
1.4.	Campus setting	[1] Rural	[2] Suburban	[3] Urban	[4] City center	[5] High rise building area		required
1.5.	Total campus area (m ²)	Provide number						required
1.6.	Total campus ground floor area of buildings (m ²)	Provide number						
1.7.	Total campus buildings area (m ²)	Provide number						required
1.8.	SI1 The ratio of open space area to total area	[1] ≤ 1%	[2] > 1-80%	[3] > 80-90%	[4] > 90-95%	[5] > 95%	200	required
1.9.	SI2 Total area on campus covered in forest vegetation	[1] ≤ 2%	[2] > 2-9%	[3] > 9-22%	[4] > 22-35%	[5] > 35%	100	required
1.10.	SI3 Total area on campus covered in planted vegetation	[1] ≤ 10%	[2] > 10-20%	[3] > 20-30%	[4] > 30-40%	[5] > 40%	200	required
1.11.	SI4 Total area on campus for water absorption besides the forest and planted vegetation	[1] ≤ 2%	[2] > 2-10%	[3] > 10-20%	[4] > 20-30%	[5] > 30%	100	required
1.12.	Total number of regular students (part-time and full-time)	Provide number						
1.13.	Total number of online students (part-time and full-time)	Provide number						
1.14.	Total number of academic and administrative staff	Provide number						
1.15.	SI5 The total open space area divided by total campus population	[1] ≤ 10m ² /person	[2] > 10-20m ² /person	[3] > 20-40m ² /person	[4] > 40-70m ² /person	[5] > 70m ² /person	200	

Ver 1.0

Light Green Indicates New Questions Introduced in 2023		INDICATIVE PERFORMANCE MEASURE					Point	Evidence
No	CRITERIA							
1	Setting and Infrastructure (SI)							
1.16.	Total university budget (in USDollars)	Provided number						
1.17.	University budget for sustainability effort (in USDollars)	Provided number						required
1.18.	SI6 Percentage of university budget for sustainability efforts	[1] ≤ 1%	[2] > 1-5%	[3] > 5-10%	[4] > 10-15%	[5] > 15%	200	
1.19.	SI7 Percentage of operation and maintenance activities of building in one year period	[1] < 25%	[2] > 25-50%	[3] > 50-75%	[4] > 75-99%	[5] 100%	100	required
1.20.	SI8 Campus facilities for disabled, special needs and/or maternity care	[1] None	[2] Policy is in place	[3] Facilities are in planning stage	[4] Facilities are partially available and operated	[5] Facilities exist in all buildings and are fully operated	100	required
1.21.	SI9 Security and safety facilities	[1] Passive security system	[2] Security infrastructure (CCTV, emergency hotline/button) available and fully function	[3] Security infrastructure (CCTV, emergency hotline/button, personnel, fire extinguisher, hydrant) available and fully function	[4] Security infrastructure is available and fully functions and security responding time for accidents, crime, fire, and natural disasters is more than 10 minutes	[5] Security infrastructure is available and fully functions and security responding time for accidents, crime, fire, and natural disasters is less than 10 minutes	100	required
1.22.	SI10 Health infrastructure facilities for students, academics and administrative staffs' well-being	[1] Health infrastructure (first aid) is not available	[2] Health infrastructure (first aid, emergency room, clinic and personnel) available	[3] Health infrastructure (first aid, emergency room, clinic and certified personnel) available	[4] Health infrastructure (first aid, emergency room, clinic, hospital and certified personnel) available	[5] Health infrastructure available (first aid, emergency room, clinic, hospital and certified personnel), system accessible for public	100	required
1.24	SI11 Conservation: plant (flora), animal (fauna), or wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities	[1] Conservation program in repair	[2] Conservation program 1-25% implemented	[3] Conservation program 25-50% implemented	[4] Conservation program 50-75% implemented	[5] Conservation program fully implemented	100	required
2	Energy and Climate Change (EC)							
2.1.	EC1 Energy efficient appliances usage	[1] < 1%	[2] 1-25%	[3] > 25-50%	[4] > 50-75%	[5] > 75%	200	required
2.2.	Total campus' smart building area (m ²)	Provided number						
2.3.	EC2 Smart building implementation	[1] < 1%	[2] 1-25%	[3] > 25-50%	[4] > 50-75%	[5] > 75%	300	required
2.4.	EC3 Number of renewable energy sources on campus	[1] None	[2] 1 source	[3] 2 sources	[4] 3 sources	[5] > 3 sources	300	
2.5.	Renewable energy sources and their amount of the energy produced	[1] None	[2] Biodiesel	[3] Clean biomass	[4] Solar power	[5] Geothermal		required
2.6.	Electricity usage per year (in kilowatt hours)	[6] Wind power	[7] Hydropower	[8] Combine Heat and Power				required
2.7.	EC4 Total electricity usage divided by total campus population (kWh per person)	[1] ≥ 2424 kWh	[2] ≥ 1535-2424 kWh	[3] ≥ 633-1535 kWh	[4] ≥ 279-633 kWh	[5] < 279 kWh	300	
2.8.	EC5 The ratio of renewable energy production divided by total energy usage per year	[1] ≤ 0.5%	[2] > 0.5-1%	[3] > 1-2%	[4] > 2-25%	[5] > 25%	200	
2.9.	EC6 Elements of green building implementation as reflected in all construction and renovation policies	[1] None (There is no green building implementation in your university)	[2] 1 element	[3] 2 elements	[4] 3 elements	[5] > 3 elements	200	required
2.10.	EC7 Greenhouse gas emission reduction program	[1] None (Reduction program is needed, but nothing has been done)	[2] Program in preparation (e.g. feasibility study and promotion)	[3] Program(s) aimed to reduce one out of three scopes emissions (Scope 1 or 2 or 3)	[4] Program(s) aimed to reduce two out of three scopes (Scope 1 and 2 or Scope 1 and 3 or Scope 2 and 3)	[5] Program(s) aimed to reduce all three scopes emissions (Scope 1, 2 and 3)	200	required

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2	Energy and Climate Change (EC)								
2.11.		Total carbon footprint (CO ₂ emission in the last 12 months, in metric tons)	Provided number						required
2.12.	EC8	Total carbon footprint divided by total campus population (metric tons per person)	[1] ≥ 2.05 metric tons	[2] > 1.11 - 2.05 metric tons	[3] > 0.42 - 1.11 metric tons	[4] > 0.10 - 0.42 metric ton	[5] < 0.10 metric ton	200	
2.13	EC9	Number of innovative program(s) in energy and climate change	[1] None	[2] 1 program	[3] 2 programs	[4] 3 programs	[5] more than 3 programs	100	required
2.14	EC10	Impactful university program(s) on climate change	[1] None	[2] Program in preparation	[3] Provide training and educational materials for surrounding communities	[4] Provide training and educational materials for surrounding communities at national level	[5] Provide training and educational materials for surrounding communities, at national level, and at regional and international level	100	required
3	Waste (WS)								
3.1.	WS1	3R (Reduce, Reuse, Recycle) program for university waste	[1] None	[2] 3R program in preparation	[3] 3R program 1 – 50% implemented	[4] 3R program > 50 – 75% implemented	[5] 3R program > 75% implemented	300	required
3.2.	WS2	Program to reduce the use of paper and plastic on campus	[1] None	[2] 1 program	[3] 2 programs	[4] 3 programs	[5] More than 3 programs	300	required
3.3.		Total volume organic waste produced	Provided number						required
3.4.		Total volume organic waste treated	Provided number						required
3.5.	WS3	Organic waste treatment	[1] Open dumping	[2] Partial (1-25% treated)	[3] Partial (>25-50% treated)	[4] Partial (>50-75% treated)	[5] Extensive (>75% treated)	300	required
3.6.		Total volume inorganic waste produced	Provided number						required
3.7.		Total volume inorganic waste treated	Provided number						required
3.8.	WS4	Inorganic waste treatment	[1] Burned in open	[2] Partial (1-25% treated)	[3] Partial (>25-50% treated)	[4] Partial (>50-75% treated)	[5] Extensive (>75% treated)	300	required
3.9.		Total volume toxic waste produced	Provided number						required
3.10.		Total volume toxic waste treated	Provided number						required
3.11.	WS5	Toxic waste treatment	[1] Not managed	[2] Partial (1-25% treated)	[3] Partial (>25-50% treated)	[4] Partial (>50-75% treated)	[5] Extensive (>75% treated) or campus produces a minimum amount of toxic waste	300	required
3.12.	WS6	Sewage disposal	[1] Untreated into waterways	[2] Treated with preliminary treatment	[3] Treated with primary treatment	[4] Treated with secondary treatment	[5] Treated with tertiary treatment	300	required
4	Water (WR)								
4.1.	WR1	Water conservation program & implementations	[1] None (Conservation program is needed, but nothing has been done)	[2] Program in preparation (e.g. feasibility study and promotion)	[3] 1 - 25% implemented at early stage (e.g. measurement of potential surface runoff volume)	[4] > 25-50% water conserved	[5] > 50% water conserved	200	required
4.2.	WR2	Water recycling program implementation	[1] None (Water recycling program is needed, but nothing has been done)	[2] Program in preparation (e.g. feasibility study and promotion)	[3] 1 - 25% implemented at early stage (e.g. measurement of wastewater)	[4] > 25-50% water recycled	[5] > 50% water recycled	200	required
4.3.	WR3	Water efficient appliances usage	[1] None (Water efficient appliances are needed, but nothing has been done)	[2] Program in preparation (e.g. feasibility study and promotion)	[3] 1 - 25% of water efficient appliances installed	[4] > 25 - 50% of water efficient appliances installed	[5] > 50% of water efficient appliances installed	200	required
4.4.	WR4	Consumption of treated water	[1] None	[2] 1 - 25% treated water consumed	[3] > 25-50% treated water consumed	[4] > 50-75% treated water consumed	[5] > 75% treated water consumed	200	required
4.5	WR5	Water pollution control in campus area	[1] Policy and programs for water pollution control are in the designing stage	[2] Policy and programs for water pollution control are in the construction stage	[3] Policy and programs for water pollution control are in the early implementation stage	[4] Policy and programs for water pollution control are fully implemented and monitored occasionally	[5] Policy and programs for water pollution control are fully implemented and monitored regularly	200	required

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No	CRITERIA							
5	Transportation (TR)							
5.1.	Number of cars actively used and managed by university	Provided number						
5.2.	Number of cars entering the university daily	Provided number						
5.3.	Number of motorcycles entering the university daily	Provided number						
5.4.	TR1 The total number of vehicles (cars and motorcycles) divided by total campus' population	[1] >=1	[2] >0.5-1	[3] >0.125-0.5	[4] >0.045-0.125	[5] <0.045	200	required
5.5.	TR2 Shuttle services	[1] Shuttle service is possible but not provided by university [2] Shuttle service is provided (by university or other parties) and regular but not free [3] Shuttle service is provided (by university or other parties) and the university contributes a part of the cost [4] Shuttle service is provided by university, regular, and free [5] Shuttle service is provided by university, regular, and zero emission vehicle. Or shuttle use is not applicable					300	required
5.6.	Number of shuttles operated in the university	Provided number						
5.7.	Average number of passengers of each shuttle	Provided number						
5.8.	Total trips of each shuttle services each day	Provided number						
5.9.	TR3 Zero Emission Vehicles (ZEV) policy on campus	[1] Zero Emission Vehicles are not available	[2] Zero Emission Vehicles use is not possible or practical	[3] Zero Emission Vehicles are available, but not provided	[4] Zero Emission Vehicles are available, provided by university and charged	[5] Zero Emission are available, and provided by university free	200	required
5.10.	Average number of Zero Emission Vehicles (e.g. bicycles, cano, snowboard, electric car, etc.) on campus per day	Provided number						
5.11.	TR4 The total number of Zero Emission Vehicles (ZEV) divided by total campus population	[1] ≤ 0.002	[2] > 0.002 to ≤ 0.004	[3] > 0.004 to ≤ 0.008	[4] > 0.008 to ≤ 0.02	[5] > 0.02	200	
5.12.	Total ground parking area (m ²)	Provided number						
5.13.	TR5 Ratio of ground parking area to total campus area	[1] > 11%	[2] > 7-11%	[3] > 4-7%	[4] > 1-4%	[5] < 1%	200	required
5.14.	TR6 Program to limit or decrease the parking area on campus for the last 3 years (from 2020 to 2022)	[1] None	[2] Program in preparation (e.g. feasibility study and parking promotion)	[3] Program resulting in less than 10% decrease in parking area	[4] Program resulting in 10 - 30% decrease in parking area	[5] Program resulting in more than 30% decrease in parking area or parking area reduction reaching its limit.	200	required
5.15.	TR7 Number of initiatives to decrease private vehicles on campus	[1] No initiative	[2] 1 initiative	[3] 2 initiatives	[4] 3 initiatives	[5] > 3 initiatives, or initiative is no longer required	200	required
5.16.	TR8 Pedestrian path on campus	[1] None	[2] Pedestrian paths are available	[3] Pedestrian paths are available, and designed for safety	[4] Pedestrian paths are available, designed for safety and convenience	[5] Pedestrian paths are available, designed for safety, convenience, and in some parts provided with disabled-friendly features	300	required
5.17.	Approximate daily travel distance of a vehicle inside your campus only (in Kilometers)	Provided number						
6	Education and Research (ED)							
6.1.	Number of courses/subjects related to sustainability offered	Provided number 1						required
6.2.	Total number of courses/subject offered	Provided number 1						required
6.3.	ED1 The ratio of sustainability courses to total courses/subjects	[1] ≤ 1%	[2] > 1-5%	[3] > 5-10%	[4] > 10-20%	[5] > 20%	300	
6.4.	Total research funds dedicated to sustainability research (in USDollars)	Provided number						required
6.5.	Total research funds (in USDollars)	Provided number						required
6.6.	ED2 The ratio of sustainability research funding to total research funding	[1] ≤ 1%	[2] > 1-8%	[3] > 8-20%	[4] > 20-40%	[5] > 40%	200	
6.7.	ED3 Number of scholarly publications on sustainability	[1] 0	[2] 1-20	[3] 21-83	[4] 84-300	[5] > 300	200	required

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No	CRITERIA		INDICATIVE PERFORMANCE MEASURE				Point	Evidence	
6	Education and Research (ED)								
6.8.	ED4	Number of events related to sustainability	[1] 0	[2] 1 - 4	[3] 5-17	[4] 18-47	[5] >47	200	required
6.9.	ED5	Number of activities organized by student organizations related to sustainability per year	[1] 0	[2] 1-2	[3] 3-4	[4] 5-10	[5] >10	200	required
6.10.	ED6	University-run sustainability website	[1] Not available	[2] Website in progress or under construction	[3] Website is available and accessible	[4] Website is available, accessible, and updated occasionally	[5] Website is available, accessible, and updated regularly	200	
6.11.		Sustainability website address (URL) if available	Provide website address (URL)						
6.12.	ED7	Sustainability report	[1] Not available	[2] Sustainability report in preparation	[3] Available but not publicly accessible	[4] Sustainability report is accessible and published occasionally	[5] Sustainability report is accessible and published annually	100	required
6.13.		Sustainability report link address (URL) if available	Provide website address (URL)						
6.14.	ED8	Number of cultural activities on campus (e.g. Cultural Festival) including virtual activities (if any)	[1] None	[2] 1 event per year	[3] 2 events per year	[4] 3 events per year	[5] more than 3 events per year	100	required
6.15.	ED9	Number of university sustainability program(s) with international collaborations	[1] None	[2] 1 Program	[3] 2 Programs	[4] 3 Programs	[5] more than 3 programs	100	required
6.16.	ED10	Number of sustainability community services project organized by and/or involving students	[1] none	[2] 1 Project	[3] 2 Projects	[4] 3 Projects	[5] more than 3 Projects	100	required
6.17.	ED11	Number of sustainability-related startups	[1] none	[2] 1-5 startups	[3] 6-10 startups	[4] 11-15 startups	[5] >15 startups	100	required