Proposal of
UCYP Green & Sustainable Policies and initiatives

Why do we need Green & sustainable policies and initiatives?

1 To show our dedication to environmental management and sustainability

2 There is a growing need to incorporate these values into organisational work culture in order to promote environmental sustainability and conservation

3 UCYP seeks to be ranked on the UI Green Metric World University Ranking which is required to include this criterion.
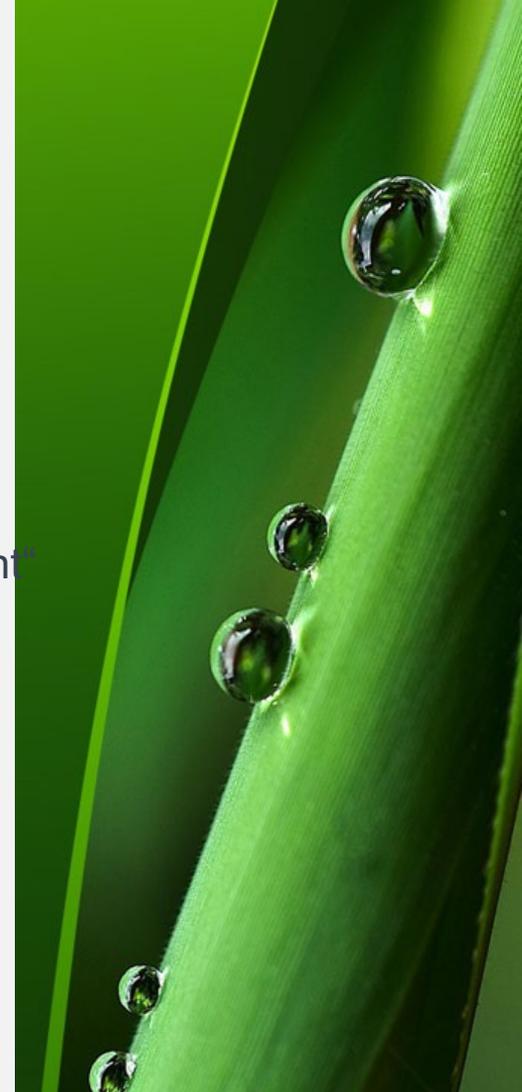
UCYP GREEN POLICIES

UCYP is committed to preserving the environment, promoting sustainability, and ensuring the wellbeing of our campus community. We strive to minimise our carbon footprint, prevent pollution, enhance environmental performance, and prioritise safety. Through proactive initiatives and resource-efficient practises, we aim to foster a sustainable campus environment and promote sustainable behaviours among our community members.
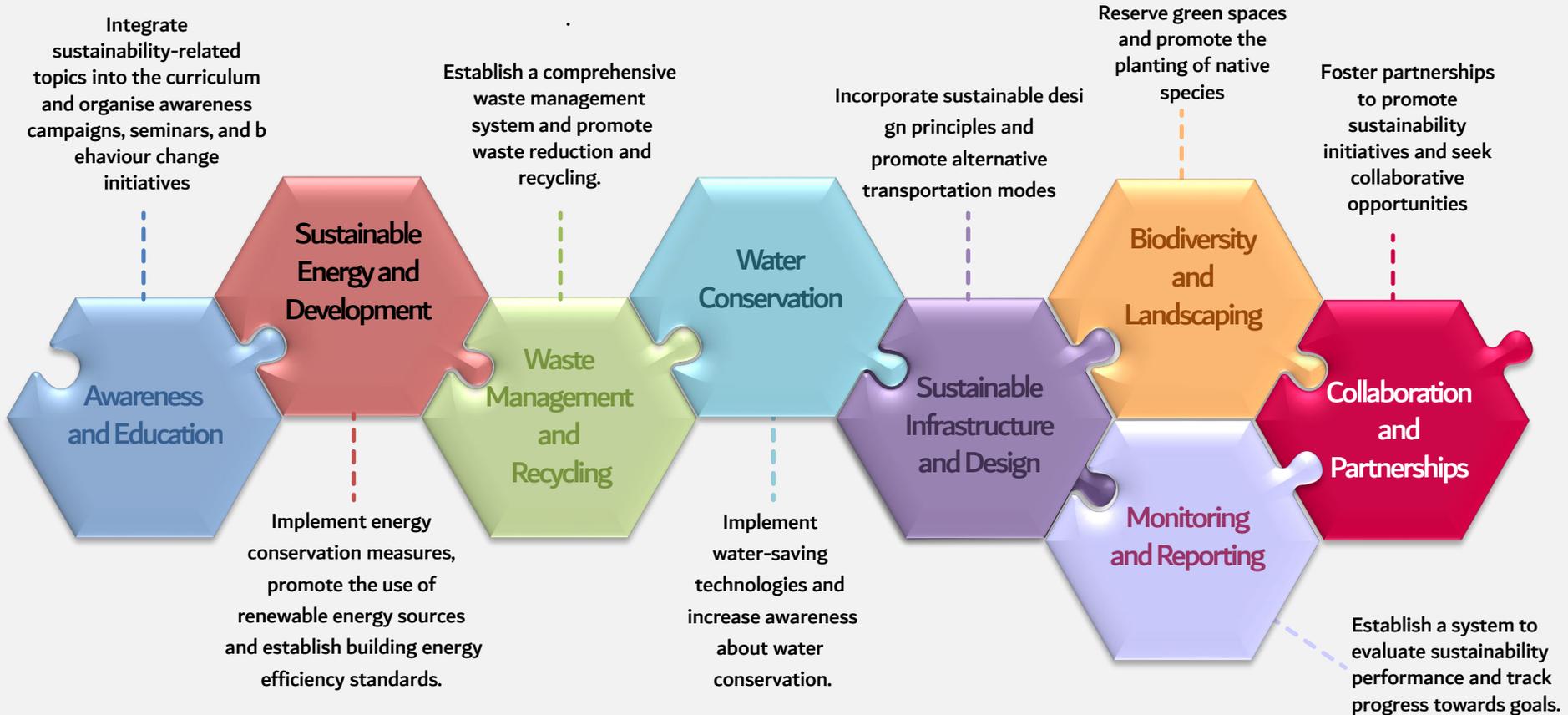
Suggestion of Green Policies Theme

1. "Sustainable Campus: Nurturing a Greener Future"

2. "UCYP Eco-Care: Preserving Our Environment Together"

3. "Green Horizons: Shaping a Sustainable Community"

4. "Sustainability in Action: UCYP's Commitment to the Environment"

5. "Harmony with Nature: UCYP's Green Initiative"

6. "UCYP Green Pathways: Pioneering Sustainability on Campus"

7. "UCYP Eco-Care: Empowering A Greener Future "

8. "Sustainability Beyond Boundaries: UCYP Leading the Way"

UCYP'S Green & Sustainable Goals

1
1.Awareness and Education

2
1.Sustainable Energy and Development

3
1.Waste Management and Recycling

4
1.Water Conservation

5
1.Sustainable Infrastructure and Design

6
1.Biodiversity and Landscaping

7
1.Collaboration and Partnerships

8
1.Monitoring and Reporting

Green & Sustainable Initiatives Objectives

Integrate sustainability-related topics into the curriculum and organise awareness campaigns, seminars, and behaviour change initiatives

Establish a comprehensive waste management system and promote waste reduction and recycling.

Incorporate sustainable design principles and promote alternative transportation modes

Reserve green spaces and promote the planting of native species

Foster partnerships to promote sustainability initiatives and seek collaborative opportunities

Awareness and Education

Sustainable Energy and Development

Waste Management and Recycling

Water Conservation

Sustainable Infrastructure and Design

Biodiversity and Landscaping

Monitoring and Reporting

Collaboration and Partnerships

Implement energy conservation measures, promote the use of renewable energy sources and establish building energy efficiency standards.

Implement water-saving technologies and increase awareness about water conservation.

Establish a system to evaluate sustainability performance and track progress towards goals.

UCYP Green & Sustainable goals and policies are align with the elements of the Sustainable Development Goals (SDGs) and UI GreenMetrics world University rankings requirements

1 Awareness and Education

Initiatives

1. **Integrate sustainability education into the curriculum of multiple disciplines.**
2. **Encourage campus-wide sustainability education and awareness**
3. **Integrate sustainability - related topics by organising awareness campaigns, seminars, and behaviour change initiatives**

SDG

SDG 4

Quality Education

❑ **by integrating sustainability education into the curriculum and raising awareness about sustainability**

UI Green Metrics

Education And Research (ED)

ED1 The ratio of sustainability courses to total courses/subjects
ED 2 The ratio of sustainability research funding to total research funding
ED 3 Number of scholarly publications on sustainability
ED 4 Number of events related to sustainability
ED 5 Number of student organizations related to sustainability
ED 6 University-run sustainability website
ED 8 Number of cultural activities on campus
ED 9 Number of university program(s) to improve teaching and learning

2 Sustainable Energy and Development

Initiatives

1. **Implement energy conservation measures, promote the use of renewable energy sources, and establish building energy efficiency standards.**

2. **Encourage the adoption of energy-efficient lighting and lighting system.**

SDG

SDG 7

Renewable and Clean Energy

❑ **by promoting the use of renewable energy sources**

UI Green Metrics

Energy and Climate Change (EC)
EC 1 Energy-efficient appliances usage
EC 2 Smart building implementation
EC 3 Number of renewable energy sources on campus
EC 4 Total electricity usage divided by total campus population EC 5 The ratio of renewable energy production divided by total energy usage per year
EC 6 Elements of green building implementation as reflected in all construction and renovation policies
EC 7 Greenhouse gas emission reduction program
EC 8 Total carbon footprint
EC 9 The number of innovative program(s) in Energy and Climate change
EC10 Impactful university program(s) on climate change

3 Waste Management and Recycling

Initiatives

1. **Establish a comprehensive waste management system that includes recycling programmes, decomposition facilities, and protocols for disposing of hazardous waste.**

2. **Encourage waste reduction on campus and promote the use of sustainable materials.**
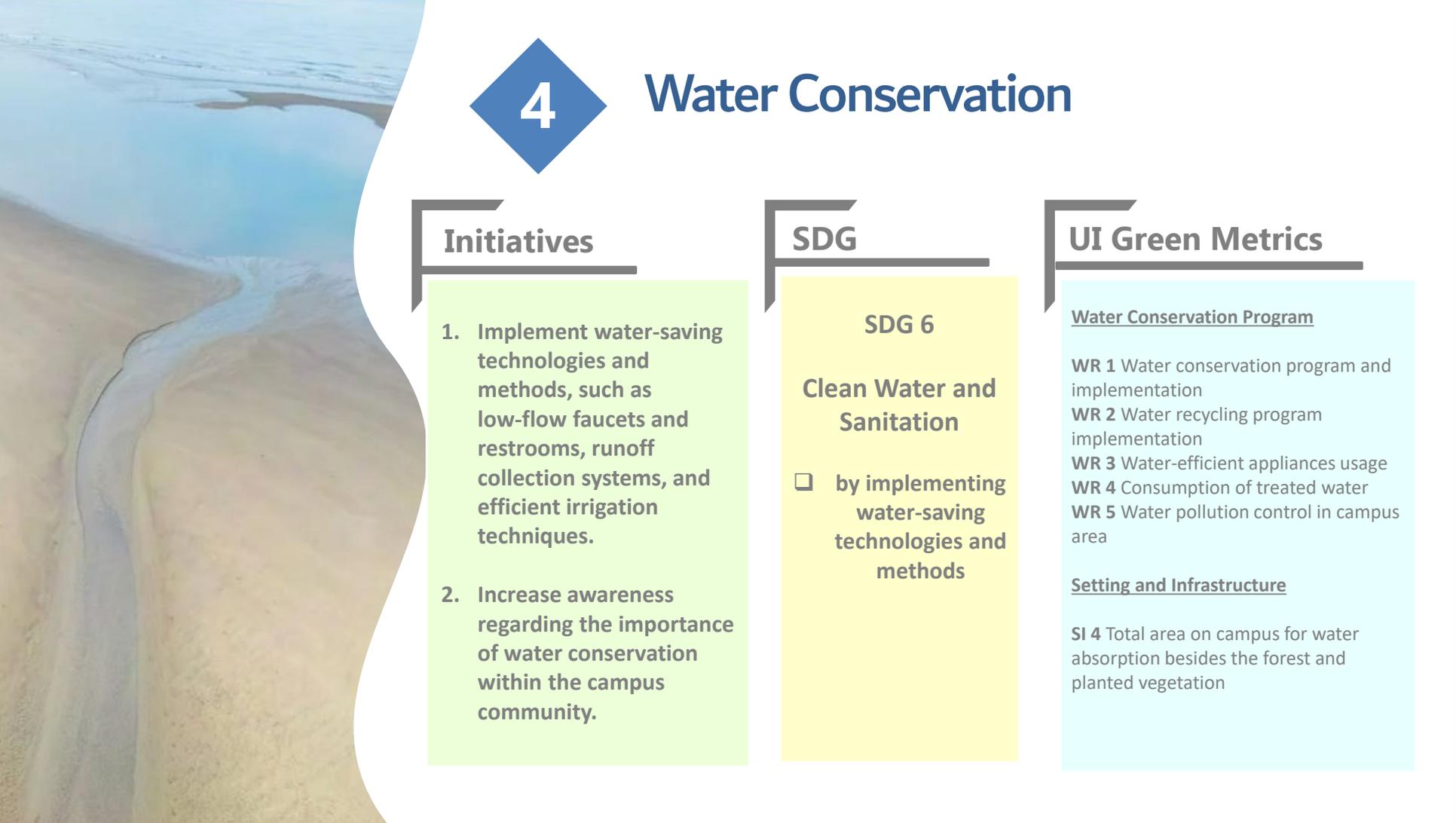
SDG

SDG 12 Consumption and Production

❑ **by establishing a comprehensive waste management system and promoting recycling programs**

UI Green Metrics

Waste Management and recycling .

WS1 Recycling program for university's waste

WS 2 Program to reduce the use of paper and plastic on campus

WS 3 Organic treatment

WS 4 Inorganic waste treatment

WS 5 Toxic Waste treatment

WS 6 Sewage Disposal

4 Water Conservation

Initiatives

1. **Implement water-saving technologies and methods, such as low-flow faucets and restrooms, runoff collection systems, and efficient irrigation techniques.**

2. **Increase awareness regarding the importance of water conservation within the campus community.**

SDG

SDG 6

Clean Water and Sanitation

❑ **by implementing water-saving technologies and methods**

UI Green Metrics

Water Conservation Program

WR 1 Water conservation program and implementation
WR 2 Water recycling program implementation
WR 3 Water-efficient appliances usage
WR 4 Consumption of treated water
WR 5 Water pollution control in campus area

Setting and Infrastructure

SI 4 Total area on campus for water absorption besides the forest and planted vegetation

5 Sustainable Infrastructure and Design

1. Incorporate sustainable design principles in construction, renovations and infrastructure development.
2. Implement energy-efficient HVAC systems, optimize natural lighting, and use sustainable building materials.
3. Promote alternative transportation modes to reduce motor vehicle dependency such as walking, cycling, carpooling and public transportation

SDG 9
Industry, Innovation, and infrastructure

❑ by incorporating sustainable design principles in construction and focusing on energy efficiency and the use of sustainable materials

SDG 11
Sustainable Cities and Communities

❑ by encouraging sustainable modes of transportation and reducing reliance on private vehicles

Setting and Infrastructure

SI 1 The ratio of open space area to the total area
SI 3 Total area on campus covered in planted vegetation
SI 5 The total open space area divided by the total campus population
SI 6 Percentage of university budget for sustainability efforts
SI 7 Percentage of operation and maintenance activities of building in one year period
SI 8 Campus facilities for disabled, special needs, and/or maternity care
SI 9 Security and safety facilities
SI 10 Health infrastructure facilities

Transportation(TR)

TR 1 The total number of vehicles (cars and motorcycles with combustion engines) divided by the total campus' population
TR 2 Shuttle services
TR 3 Zero-Emission Vehicles (ZEV) policy on campus
TR 4 The total number of Zero-Emission Vehicles (ZEV) divided by the total campus population
TR 5 The ratio of the ground parking area to total campus area
TR 6 Program to limit or decrease the parking area on campus for the last 3 years
TR 7 Number of initiatives to decrease private vehicles on campus
TR 8 Pedestrian path on campus

6 Biodiversity and Landscaping

Initiatives

1. **Preserve and enhance green spaces on campus, including forests, gardens, and natural ecosystems.**

2. **Promote the planting of native species.**

SDG

SDG 15

Life on Land

❑ **by preserving and enhancing green spaces, promoting the planting of native species, and protecting biodiversity**

UI Green Metrics

Setting and Infrastructure

SI 2 Total area on campus covered in forest Vegetation

SI 3 Total area on campus covered in planted Vegetation

SI 11 Conservation: plant (flora), animal (fauna), and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities

7 Collaboration and Partnerships

Initiatives

1. **Promote sustainability initiatives on and off campus by fostering partnerships with local communities, businesses, and organisations.**
2. **Seek out partnerships for research projects, outreach programmes, and collaborative initiatives to address sustainability issues.**

SDG

SDG 4

Quality Education

❑ **by integrating sustainability education into the curriculum and raising awareness about sustainability**

UI Green Metrics

Education And Research (ED)

ED 4 Number of events related to sustainability

ED 10 Number of sustainability community services project organized and /or involving students

ED 11 Number of sustainability-related startups.

8 Monitoring and Reporting

Initiatives

1. Create a system to evaluate and report the company's sustainability performance, including energy usage, waste management, water use, and greenhouse gas emissions.

2. Set goals, track progress, and improve sustainability through data.

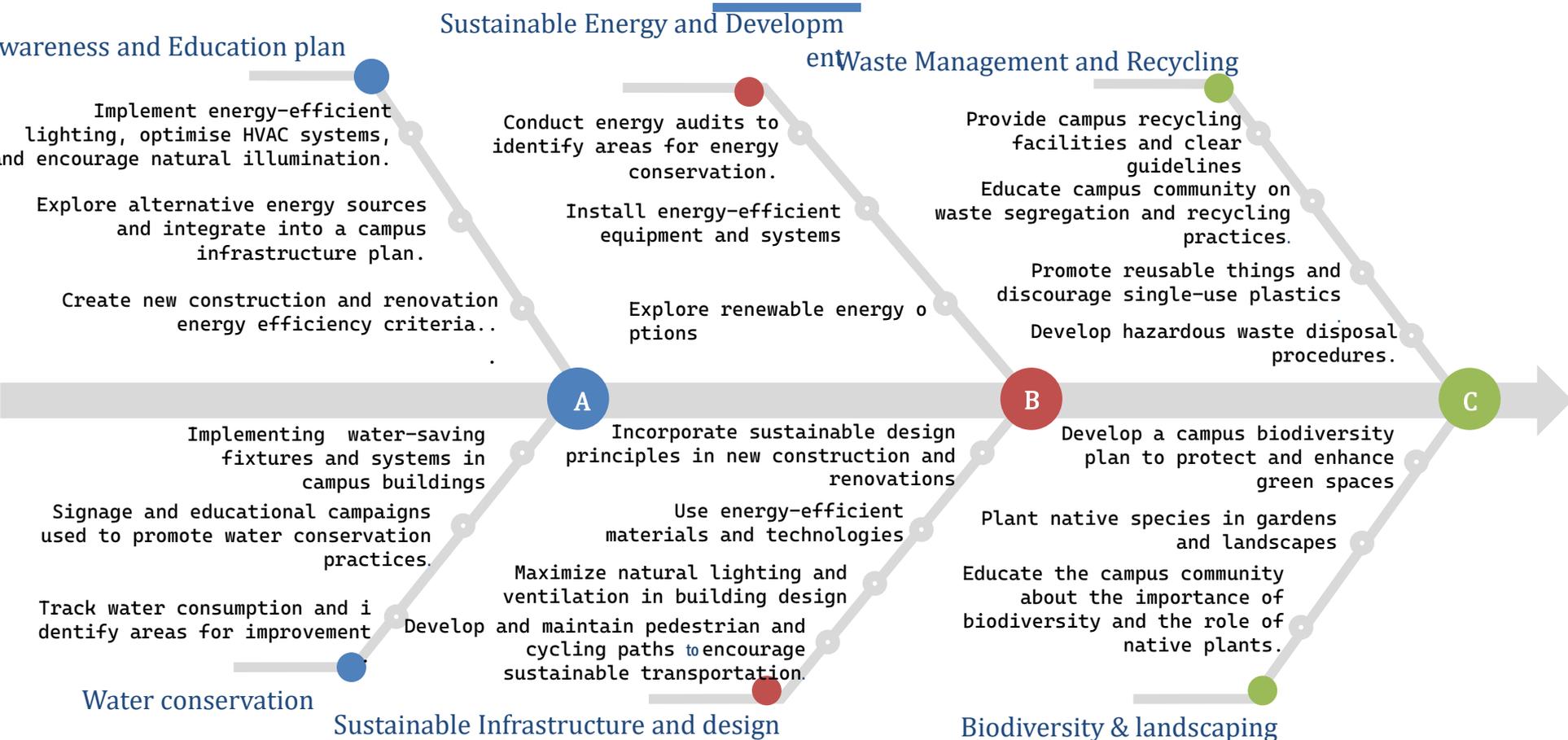## SDG

SDG 12 Responsible Consumption and Production

❑ by creating a system to evaluate and report sustainability performance

UI Green Metrics

Education And Research (ED)

ED 7 Sustainability report

GREEN AND SUSTAINABLE ACTION PLANS

Sustainable Energy and Development

Awareness and Education plan

Implement energy-efficient lighting, optimise HVAC systems, and encourage natural illumination.

Explore alternative energy sources and integrate into a campus infrastructure plan.

Create new construction and renovation energy efficiency criteria...

Waste Management and Recycling

Conduct energy audits to identify areas for energy conservation.

Install energy-efficient equipment and systems

Explore renewable energy options

Provide campus recycling facilities and clear guidelines

Educate campus community on waste segregation and recycling practices.

Promote reusable things and discourage single-use plastics

Develop hazardous waste disposal procedures.

A

B

C

Implementing water-saving fixtures and systems in campus buildings

Signage and educational campaigns used to promote water conservation practices.

Track water consumption and identify areas for improvement

Incorporate sustainable design principles in new construction and renovations

Use energy-efficient materials and technologies

Maximize natural lighting and ventilation in building design

Develop and maintain pedestrian and cycling paths to encourage sustainable transportation.

Develop a campus biodiversity plan to protect and enhance green spaces

Plant native species in gardens and landscapes

Educate the campus community about the importance of biodiversity and the role of native plants.

Water conservation

Sustainable Infrastructure and design

Biodiversity & landscaping

NEXT MOVE

LEADERSHIP AND GORVENANCE
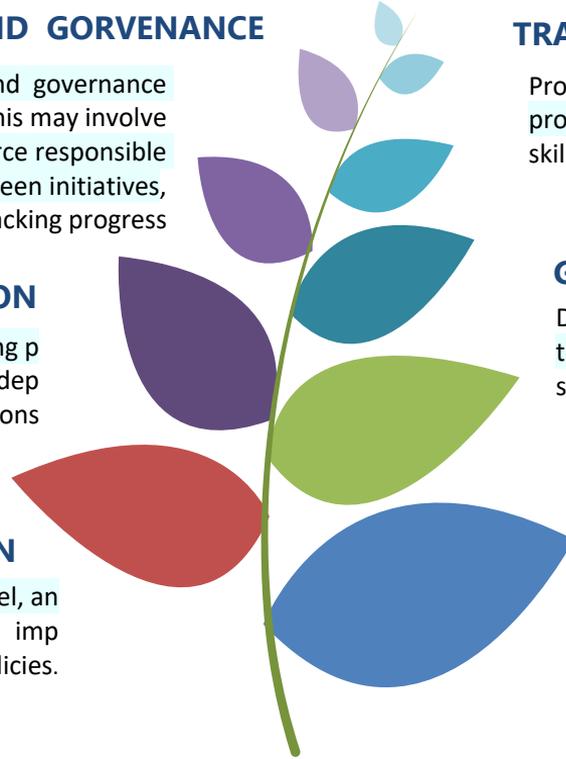
Establish a clear leadership structure and governance framework dedicated to sustainability. This may involve the establishment of sustainable task force responsible with overseeing and coordinating green initiatives, establishing goals, and tracking progress

POLICY INTEGRATION

Integrate sustainability considerations into existing p olicies and procedures across various   dep artments and functions

RESOURCES ALLOCATION

Allocate financial resources, personnel, an d technology to support the   imp lementation of green policies.

TRAINING AND CAPACITY BUILDIGN

Provide training and capacity-building programs to enhance the knowledge and skills of staff

GREEN PROCUREMENT

Develop a green procurement policy that prioritizes the purchase of environmentally friendly and sustainable products and services.

RECOGNITION AND INCENTIVES

Recognize and reward people, teams, and   g roups that show great passion and benefits to sustainability. Consider implementing reward programs or awards to motivate and   e ncourage ongoing involvement in green projects.

THANK YOU