

## Green Horizon: AASTMT Action Plan for SDG 15 - Academic Year 2021/2022



**15** LIFE  
ON LAND



This plan aims to address and fulfill the targets outlined under SDG 15 (Life on Land) specifically tailored for the Arab Academy for Science, Technology & Maritime Transport (AASTMT).

### **Objective:**

To implement sustainable practices that support land ecosystems, conserve biodiversity, and ensure the sustainable use of terrestrial ecosystems, as outlined in the United Nations Sustainable Development Goal 15.

### **Scope:**

This action plan covers educational initiatives, policy implementation, collaboration, waste management, and conservation efforts within the AASTMT campuses and its immediate environment for the academic year 2021/2022.

## **Action Items:**

### **15.2 Supporting Land Ecosystems through Education**

1. Events on Sustainable Land Use
  - 1.1. Schedule and host a series of educational events (webinars, workshops, lectures) on sustainable land use and conservation practices.
  - 1.2. Partner with environmental organizations for guest speakers and expertise.
2. Promotion of Sustainably Farmed Food
  - 2.1. Implement campus-wide policies to source food from sustainable farms.
  - 2.2. Launch a campaign promoting the benefits of sustainably farmed foods in campus dining halls.
3. Biodiversity Maintenance Programs
  - 3.1. Initiate a biodiversity survey to identify and document campus flora and fauna.
  - 3.2. Start programs like 'Adopt a Species' to engage the campus community in conservation efforts.
4. Educational Programs on Ecosystems
  - 4.1. Develop curriculum components on local ecosystems for related study programs.
  - 4.2. Offer free and paid community workshops on understanding and protecting local ecosystems.
5. Sustainable Land Management Outreach
  - 5.1. Create outreach programs targeting local farmers and businesses to promote sustainable land management practices.
  - 5.2. Organize educational tours for students and the community to local, sustainable farms or tourism spots.

### **15.3 Supporting Land Ecosystems through Action**

1. Policy for Land Conservation and Restoration
  - 1.1. Draft and implement a comprehensive policy for the conservation and restoration of terrestrial ecosystems associated with AASTMT.
2. Monitoring Conservation Species
  - 2.1. Establish a monitoring program for IUCN Red Listed and nationally conserved species within campus boundaries.
3. Biodiversity in Planning and Development
  - 3.1. Integrate biodiversity considerations into all new campus planning and development projects.

4. Alien Species Impact Reduction
  - 4.1. Formulate a policy to manage and mitigate the impact of invasive alien species on campus.
5. Collaboration for Land Ecosystems
  - 5.1. Foster partnerships with local stakeholders to promote the shared maintenance of regional ecosystems.

#### **15.4 Land Sensitive Waste Disposal**

1. Water Discharge Standards
  - 1.1. Adopt and enforce water quality standards for all water discharges from the campus.
2. Plastic Waste Reduction Policy
  - 2.1. Introduce a plastic waste reduction initiative aiming to minimize single-use plastics on campus.
3. Hazardous Waste Disposal Policy
  - 3.1. Develop and implement strict guidelines for the disposal of hazardous waste generated by campus activities.

#### **Monitoring and Evaluation:**

- Establish a Sustainability Office to oversee the implementation of the action plan.
- Conduct quarterly reviews to monitor progress and make necessary adjustments.
- Prepare an annual SDG 15 impact report detailing achievements, challenges, and future plans.

#### **Budget:**

- Allocate an appropriate budget for executing the action plan, including educational programs, policy development, and waste management systems.

#### **Timeline:**

- Immediate actions: Policy development, educational program planning, and partnerships.
- Short-term goals (1-6 months): Implementation of policies, launch of educational events, and waste management initiatives.
- Long-term goals (6-12 months): Monitoring species, integrating biodiversity in planning, and assessing the impact.

#### **Conclusion:**

Through the "Green Horizon: AASTMT Action Plan for SDG 15," AASTMT commits to fostering a sustainable campus environment that contributes positively to the conservation and sustainable use of terrestrial ecosystems. Through education, policy, and action, AASTMT aims to be a regional leader in sustainability and environmental stewardship.