



Erasmus+



INtegration of sustainable deVelOpment goaLs in uniVERsities for better climate change management

“INVOLVE”

تكامل أهداف التنمية المستدامة في الجامعات من أجل إدارة أفضل لتغير المناخ

AIMS, OBJECTIVES & MOTIVATION

1. Embodying the principles of the environmental SDGs through organizational governance and strategic management of the Egyptian universities in order to ensure the alliance of their strategies with the SDGs.
2. Building organizational and internal capacity and ownership to the environmental SDGs through the establishment of the Sustainable Development Center “SDC” in the Egyptian Universities, which will be in charge of enhancing and providing necessary knowledge, skills, and motivation to understand and address the environmental SDGs.
3. Fostering the achievement of the environmental SDGs in the Egyptian Universities through boosting their operational capacities in developing environmentally sustainable campuses.

Consortium

Country	University
EGYPT	✓ Alexandria University
	✓ Arab Academy for Science, Technology & Maritime Transport
	✓ Heliopolis University
	✓ Zewail University
SPAIN	✓ Universitat Politècnica de València
ITALY	✓ University of Sassari
PORTUGAL	✓ University of Aveiro
SLOVENIA	✓ Euro-Mediterranean University

Project Activities & Methodology

Work Packages

WP 1: Preparation

- ✓ Mapping Universities contributions to the SDGs

WP 2: Development “Governance and Strategic Management”

- ✓ Organizational Governance and Strategic Management

WP 3: Development “Building Internal Capacity and ownership”

- ✓ Building Internal Capacity and Ownership of the SDGs

WP 4: Development “Operation”

- ✓ Environmentally Sustainable Campus

WP 5: Quality Plan

- ✓ Monitoring and Evaluation of the Project

WP 6: Dissemination and Exploitation

- ✓ Dissemination and Exploitation

WP 7: Management

- ✓ Management of the Project

Equipment

Set of mobile equipment for water audition and measurements

- ✓ Digital water flow meters with data logger, Ultrasonic water flow meter, Portable water quality analyzer, portable wastewater quality analyzer

Set of mobile equipment for air quality measurements

- ✓ Indoor oxygen measure, portable carbon monoxide level measure, Indoor Carbon monoxide portable instrument, Indoor Volatile Organic Gases portable instrument, Indoor Particulate matter portable instrument, (TSP, PM10, PM2.5), Light Intensity meter, Carbon dioxide level meter, Greenhouse gases meter, ventilation rate meter, noise level meter

Set of mobile equipment for energy measurements

- ✓ AC indoor measurements, DC indoor measurements, Remote terminal unit

Set of mobile equipment for monitoring weather conditions

- ✓ Wind speed and direction and the ambient temperature

Set of equipment for videos production

- ✓ HQ video camera, stands sense, filters, light diffuser, green chroma, memory card, sound system

Equipment for the Sustainable Development Center “SDC”

- ✓ 2 laptops, Laser jet multifunction unit, Portable data show, 2 HQ desktop PCs, PC server, UPS, all in one video conference smart board, SATA software for data analysis, licensed software for PCs

Budget

INVOLVE total budget: 836,594.00 €

AASTMT total budget: 135,997.00 € Equipment: 54,792.00 €

Expected Results and Outcomes

At the end of INVOLVE

1. Establishment of the Sustainable Development Center “**SDC**” in each of the participating EG HEIs
2. **20 EG staff trained in EU on establishing the SDC** and developing its mission, vision, strategic plan, organizational structure, and operational procedure.
3. **A promotional video** for the Sustainable Development Center “SDC” on the universities’ websites.
4. **A unified template** for any activity in the university compatible with the environmental SDGs.
5. **A committee/society** composed of students and staff of the university in all EG partners that held on a regular basis to decide action plans and targets and for better communication and dissemination.
6. The link of the **SDC website/hub** on the Egyptian universities’ websites and on any official communication issued from the universities ensuring their commitment to the implementation of the environmental SDGs.
7. **20 EG staff trained in EU on mapping of the curriculum** through the environmental SDGs.

8. **SDGs-related curriculum** in EG HEIs expressed in an official decree of assignment/graduation project in some courses/programmes related to the environmental SDGs.
9. **20 EG staff trained in EU on strategic planning** in the framework of the environmental SDGs.
10. **Updated strategic plans** of EG HEIs integrating the environmental SDGs
11. **Annual SDGs flag/logo award** to the best building/campus within the EG HEIs premises achieving the environmental SDGs.
12. **MoUs and agreements** signed with the non-academic sector (the government, NGOs, private sector) for exchanging good practices in implementing environmental SDGs actions and activities.
13. **36 staff and 36 students in EG HEIs attended 3 summer/winter schools** on the environmental SDGs designed and run by EU and EG experts.
14. **24 EG students had internships to work in the SDC** for professional dealing with the environmental SDGs.
15. **SDC website/hub contains the news, activities**, and all the materials developed by the SDC.
16. **Seven Brochures/Booklets on environmental SDGs** each on one of the environmental SDGs on the EG HEIs and SDC websites.
17. **20 EG staff trained in EU on observation and collection of the environmental data.**
18. **Templates for environmental measurements**; Water, energy, air quality, solid wastes, and more, used in EG HEIs.
19. **Trained students on environmental measurements inside the campus through 7 on-sites activities and campaigns on**: water audition and measurements, Energy saving, University of Future, solid waste management, weather measurements and assessment, reduction of single-used plastic, and indoor air quality measurements and monitoring.
20. **4 EG HEIs campuses with reduced water consumption; energy efficiency** improvement plan and saved energy use; concept document on Inclusive, safe, resilient and sustainable university; **minimized solid wastes**; Identified and developed intervention needed for weather enhancement in the campus; reduced the amount of single-used plastic; and permissible limits of the air parameters.
21. **Annual SDGs day** in the agendas of events in the 4 EG HEIs.

22. A proceeding of the conference on the SDGs; The ‘**Development Futures**’, with scientific abstracts.
23. A set of mobile equipment for water audition and measurements in each of EG partner HEIs.
24. A set of mobile equipment for air quality measurements in each of EG partner HEIs.
25. A set of mobile equipment for energy measurements in each of EG partner HEIs.
26. A set of mobile equipment for monitoring weather conditions, wind speed and direction and the ambient temperature in each of EG partner HEIs.
27. A set of equipment for videos production in each of EG partner HEIs.
28. Equipment for the Sustainable Development Center “SDC” in each of EG partner HEIs.

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