13.3.5 Environmental Education: Collaborate with NGO

2024-2025

AASTMT collaborates with local and international non-governmental organizations (NGOs) on activities related to climate change adaptation, environmental awareness, and the protection of marine and coastal ecosystems. These collaborations involve initiatives such as environmental education, public awareness campaigns, and community engagement addressing climate-related challenges. Through these activities, AASTMT contributes academic expertise and technical knowledge to support environmental awareness, climate adaptation and community participation in sustainability initiatives.

AASTMT Participates in Joint Workshop on Marine Environmental Sustainability and Climate Resilience in Northern Egypt

On 8 September 2025, the Arab Association for Navigation (AIN), in cooperation with the Hanns Seidel Foundation, organized a workshop entitled "Safety in the Fisheries Sector and Socioeconomic Conditions in Northern Egypt: Recommendations for Sustainable Development" at the Hilton Green Plaza Hotel in Alexandria, Egypt.

AIN is an Alexandria-based, non-governmental and non-profit civil society organization, established in 1978 and officially registered under No. 667/79. It is a separate civil society organization and is not an administrative unit of AASTMT. The Hanns Seidel Foundation's cooperation with AIN included the presentation of a comprehensive review of marine environmental degradation and its impacts on fisheries in Northern Egypt.

AASTMT participated in the workshop through its academic and scientific expertise in maritime studies, marine environmental protection and sustainable development. The discussions addressed the findings of the environmental review, the challenges affecting fisheries and coastal livelihoods in Northern Egypt, and potential strategies and capacity-building training programmes to address environmental challenges in the Delta region. Representatives of governmental institutions attended the presentation and contributed their perspectives on the findings and their potential application in relevant capacity-building programmes.

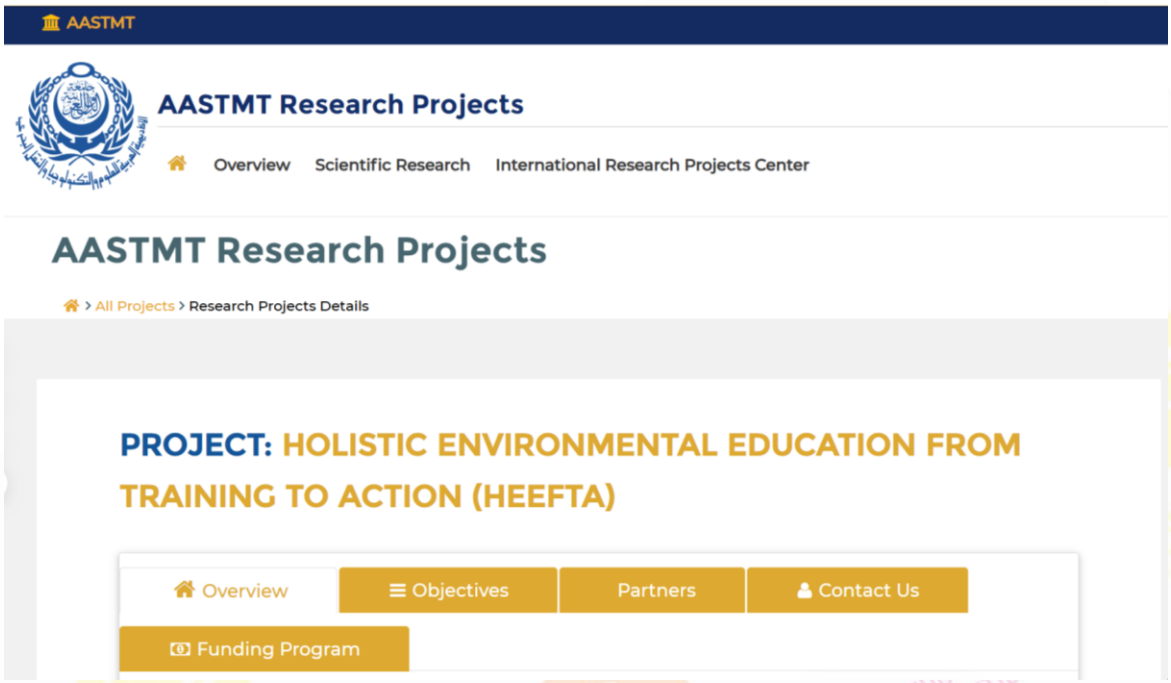


AASTMT Participates in Joint Workshop on Marine Environmental Sustainability and Climate Resilience in Northern Egypt

HEEFTA: Holistic Environmental Education from Training to Action Collaborates with EGET Foundation

AASTMT participates as an Egyptian partner in the European Union-funded *Holistic Environmental Education from Training to Action (HEEFTA)* project (Reference: A_Y_3.1_0232_HEEFTA), implemented under the Interreg NEXT MED Programme from October 2025 to October 2027. The project is coordinated by the National Technological Centre for the Food and Canning Industry (CTNC), Spain, and brings together six partners from Egypt, Spain, Italy, Greece, Türkiye and Tunisia, including the Education, Geriatrics, Ecological Farming and Tourism Foundation (EGET), a foundation based in Türkiye that serves as the Turkish co-coordinator.

The project aims to strengthen interdisciplinary environmental education among higher-education students and young adults through collaboration between academic institutions and civil-society organizations. Its planned activities include developing a transnational environmental education network, preparing a multidisciplinary training framework, piloting training modules, and promoting environmental awareness and green and blue skills. The online kick-off meeting was held on **7 November 2025**, with the participation of the NEXT MED Joint Secretariat, the Managing Authority, the Western Mediterranean Branch Office and project partners. The project provides a framework for cooperation between AASTMT and EGET in advancing environmental education and supporting the green transition across the Mediterranean region.



HEEFTA: Holistic Environmental Education from Training to Action Collaborates with EGET Foundation

AASTMT-HEEFTA Kick-off Meeting for Climate and Environmental Action

AASTMT participated in the official online kick-off meeting on **November 7, 2025**, for the **"Holistic Environmental Education from Training to Action" (HEEFTA)** project. Co-funded by the European Union under the **Interreg NEXT MED Programme** with a total budget of **€981,602.50**, this 2-year cross-border initiative focuses on climate change mitigation, green transition, and environmental education across the Mediterranean basin by fostering multi-sectoral collaboration between higher education institutions and civil society actors. AASTMT is partnering with key regional stakeholders, including **Centro Tecnológico Nacional de la Conserva y Alimentación (CTNC, Spain - Lead Partner)**, **Education, Geriatrics, Ecological Farming & Tourism Foundation (NGO, Türkiye)**, **Università degli Studi di Firenze (Italy)**, **University of Patras (Greece)**, and **Al Khawarizmi Computing Center (Tunisia)**. Through this transnational partnership with academia and non-governmental organizations, the consortium will develop a Memorandum of Understanding, integrated sustainability training curricula, and the **HEEFTA Network**—a regional alliance aimed at fostering environmental advocacy, building green and blue skills, and taking collective action against climate change.

Online Kick- Off meeting press release Holistic Environmental Education from Training to Action HEEFTA Interreg NEXT MED Program

MAR 11, 2026 AbuKir GENERAL

Online Kick- Off meeting press release

Holistic Environmental Education from Training to Action – HEEFTA

Interreg NEXT MED Programme

Holistic Environmental Education from Training to Action "HEEFTA" project officially started on 3rd October 2025 under the Interreg NEXT MED Programme, co-funded by the European Union. With a total budget of

AASTMT online kick-off meeting in the European Union-funded Holistic Environmental Education from Training to Action (HEEFTA) project

AASTMT- Caritas Egypt Solar-Energy Training

On 3 June 2025, AASTMT organized specialized solar energy training activities at the workshops of its Industry Service Complex in Abu Qir, in collaboration with Caritas Egypt, a non-governmental organization. The training was conducted with European Union support under the "Hand in Hand" project and focused on developing participants' practical skills in solar energy technologies and renewable energy applications. The activities provided technical training in clean-energy technologies and supported capacity building in renewable energy use. This collaboration demonstrates AASTMT's engagement with civil society organizations in promoting environmental education and climate change mitigation through renewable energy technologies.



AASTMT- Caritas Egypt solar-energy training

11th International MELAHA Conference – New Technology in Maritime Transport: Smart Ports and Shipping

On 23 September 2024, the Arab Academy for Science, Technology and Maritime Transport (AASTMT), in collaboration with the Arab Association for Navigation (AIN), co-organized the 11th International MELAHA Conference in Alexandria, Egypt, under the theme "New Technology in Maritime Transport: Smart Ports and Shipping".

The conference addressed technological developments in maritime transport, including digital transformation, smart port management, and sustainable shipping practices. AASTMT contributed to the scientific programme through a research paper presented by Prof. Alaa Mahmoud Morsy entitled "Digital Solutions for Sustainable Port Operations", which examined technological approaches to improving port efficiency and operational sustainability. The conference also facilitated academic and professional knowledge exchange on maritime technologies and resource-efficient port operations. Further scientific dissemination was supported through a dedicated special issue of the Arab Association for Navigation Journal.



AASTMT and AIN NGO–University Collaboration for Climate-Resilient Maritime Transport through MELAHA 2024

AASTMT and AGYA Collaborate to Advance Climate-Resilient Agriculture through Digital Innovation and Smart Environmental Monitoring

On 3–4 December 2025, AASTMT, in collaboration with the Arab-German Young Academy of Sciences and Humanities (AGYA) and its Center for Future Studies and Risk Management, organized an international workshop entitled "Sustainable Farming in the Digital Age: Monitoring, Analytics, and Action for Climate Resilience". The workshop brought together researchers and experts from six countries to examine the impacts of climate change, rising temperatures and changing climatic conditions on agricultural systems and food security.

The programme addressed the application of Artificial Intelligence (AI), the Internet of Things (IoT) and precision agriculture in climate adaptation, environmental monitoring, and the efficient management of water and energy resources. Practical activities included the development of a portable greenhouse gas (GHG) monitoring station, while technical discussions covered CO_2 monitoring, agricultural emissions, emission mitigation and the environmental footprint of agricultural activities. Participants also examined international climate frameworks, including the Paris Agreement, and Egypt's National Climate Change Strategy 2050. The workshop provided an opportunity for scientific exchange and capacity building on climate-resilient agricultural practices, environmental monitoring and sustainable food production.



AASTMT and AGYA Collaborate to Advance Climate-Resilient