

7.4.4. Policy Development for Clean Energy Technology

2023–2024

AASTMT develops local, regional, national and global initiatives, plans and agreements to inform and support governments in developing clean energy policies and establishing energy efficiency plans to reduce energy consumption, divert to clean renewable energy and sustain serving the environment and community. One of the aspects covered by [Green Energy and Energy Management Policy](#) is “Community Engagement and Governments Support”.

[Green Energy and Energy Management Policy](#) on AASTMT webpage


“Community Engagement and Governments Support” aspect includes;

- Sustain Serving the Surrounding Community and the Environment towards clean energy.
- Inform and support governments in clean energy and energy-efficient technology policy development
- Preparing a specialized practical training in the field of energy management and renewable energy for serving the community needs.
- Carrying out consultant services in the field of energy management and environment.

First: AASTMT Cooperation with the Government

With the necessity of being effectively engaging and participating in EGYPT Ultimate Goal of Sustained Transition to Green Energy, AASTMT is keen on the continuous cooperation with different governmental entities in the fields of energy and the environment. Such partnership mirrors AAST key role in supporting community service in such field and sharing its academic knowledge and research capabilities to develop policies and practical solutions that benefit society, such as promoting renewable energy use, improving energy efficiency, and encouraging environmental sustainability.

2023/2024 AASTMT Cooperation

Participation	Overview	Photos
(14 Oct. 2025) Delegation from Nuclear power plants Authority	(AASTMT) received a high-level delegation from the Egyptian Nuclear Power Plants Authority at its headquarters in Abu Qir to discuss ways of future joint cooperation. Delegation from Nuclear Power Plants Authority at AAST	

<p>(26 Oct. 2024)</p> <p>Bilateral cooperation between Egyptian Ministry of Environment and AAST</p>	<p>The Minister of Environment meets AAST President to discuss joint cooperation and future plans to support environmental initiatives and enhance integration between research and sustainable development.</p> <ul style="list-style-type: none"> • Establishing a “Climate Change Information Center” to provide information and data related to climate change & efforts to confront it. • Organizing a celebration to hand over awards for best projects and research. • Announcing a competition for the best ideas in the field of transition to green industry through reuse of waste. <p>Cooperation with Egyptian Ministry of Environment</p>	
<p>(5 Oct. 2024)</p> <p>2024 World Maritime Day</p>	<p>AASTMT president participated in World Maritime Day 2024, which was held in Alexandria under the slogan of (New technology for more environmentally friendly maritime transport) to discuss developments towards green Maritime transport in Egypt.</p> <p>World Maritime Day 2024</p>	
<p>(27/8/2024)</p> <p>Workshop on “Waste Management”</p>	<p>The workshop was organized by AASTMT in cooperation with the Alexandria Governorate, Nahdet Misr Company, and the German Retech Foundation under the auspices of the Ministry of Environment and the Waste Management Regulatory Agency to tackle waste management issue and its importance for decarbonization.</p> <p>Waste Management Workshop</p>	

(30 Oct. 2023)

RENEW – AAST Joint event

With the importance of being effectively engaging in Energy – related organizations, conferences & events, a RENEW – AAST Joint event on “Enhancing Education and Gender Inclusion for Energy Transition and Climate Action in MENA” was organized and held in AAST -headquarter. Egyptian Gas Regulatory Authority (GasReg) has participated in this event to strengthen the engagement between the job market and academia on energy transition.



[AAST-RENEW-MENA](#)


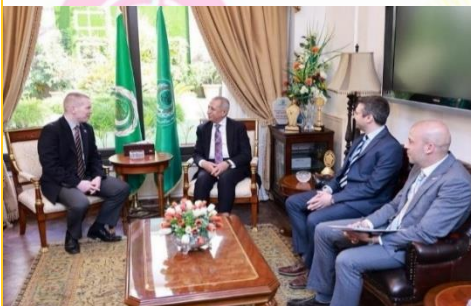




Second: AASTMT Participation Regionally, Nationally and Globally

AASTMT participates in joint co-operations, summits, conferences, workshops and events at the national, regional and international side to develop policies, agreements and plans towards energy sustainability and green environment.

2023/2024 AASTMT Participation

Participation	Overview	Photos
<p>(27-28 Nov. 2024)</p> <p>AASTMT Participation in UniGreen conference "Shaping a Sustainable Future 2024"</p>	<p>AASTMT participated in the activities of this international scientific conference to present the final results of the UniGreen project that was held during at the Ramses Hilton Hotel, organized by the Academy in cooperation with the Life Makers Foundation.</p> <p>AASTMT in UniGreen Conference</p>	
<p>(24-27 Nov. 2024)</p> <p>5th Edition of Arab Sustainable Development Week</p>	<p>AASTMT participated in the 5th Edition of Arab Sustainable Development Week showcasing its commitment to regional collaboration and climate resilience. The event's theme was “Sustainable Solutions for a Better Future – Resilience and Adaptability in an Evolving Arab World”</p> <p>AASTMT in Arab Sustainable Week</p>	

<p>(18 Nov. 2024)</p> <p><i>Climate Summit in Baku, Azerbaijan</i></p>	<p>Dean of AASTMT Port Training Institute and Maritime Research and Consultation Center participated at the Climate Summit in Baku, Azerbaijan, delivering a keynote on education and climate change. His participation highlighted AASTMT's leadership in sustainable development and international cooperation.</p> <p>AASTMT participation in the Climate Summit</p>	
<p>(11 Nov. 2024)</p> <p>Texas A&M University visit</p>	<p>AASTMT President received a delegation of representatives of the Texas A&M University's Energy Institute to discuss possible cooperation in energy sustainability fields.</p> <p>Texas A&M University Visit</p>	
<p>(20 Oct. 2024)</p> <p>International Workshop on "The impacts of Climate Change on Coastal Cities"</p>	<p>AASTMT President Participation this international workshop to discuss the impacts of climate change on coastal cities, and AASTMT's role in addressing major challenges—especially as part of preparations for the upcoming United Nations Ocean Conference scheduled in Nice, France in 2025.</p> <p>Climate Change International Workshop</p>	
<p>(4 July 2024)</p> <p>Clean Energy Summit</p>	<p>Ontario Tech and a key group of international partners brought together leading nuclear and clean technology experts from Africa and the Arab world in this summit which was held at AASTMT. They discussed strategies for future international collaboration on developing innovative and sustainable energy solutions and the challenges of capacity-building in the energy sector.</p> <p>Clean Energy Summit</p>	

<p>(5-6 June 2024)</p> <p>International Workshop on Green Environment and Green Tourism</p>	<p>In cooperation with Italian cultural Institute, center for cultural and World Heritage at the Egypt Future Foundation and a number of Egyptian and Italian universities, AAST organized this international work shop to discuss role of green tourism in protecting the environment and maintaining it green and sustainable.</p> <p>Green Environment Workshop</p>	
<p>(28 March 2024)</p> <p>Arab Day for Disaster Risk Reduction for the year 2024</p>	<p>AASTMT president opened the activities of the day, through which the most important discussed topics were the role of nuclear technologies in reducing the effects of climate change, electronic risks, and how to reduce disasters, and emissions in the Arab region.</p> <p>Arab Day for Disaster Risk Reduction Day-2024</p>	
<p>(14 March 2024)</p> <p>AASTMT - UAE Ministry of Energy and Infrastructure Agreement</p>	<p>AAST president and Minister of Energy and Infrastructure at United Arab Emirates (UAE) signed a strategic partnership agreement to utilize AAST capabilities and staff expertise to develop UAE maritime and energy sector through research, training and development services</p> <p>AASTMT- UAE Agreement</p>	

<p>(3 March 2024)</p> <p>MARLOG 13 – the 13th annual conference on Sustainable Green Blue Infrastructure</p>	<p>AASTMT annually organizes MARLOG conference which brings together a diverse group of experts from the fields of ports, logistics, energy, sustainability, and technology to discuss the latest trends and innovations in sustainable infrastructure. In this episode, energy-related research papers and projects were presented as;</p> <ul style="list-style-type: none"> • Greening Maritime Energy Research: A Sustainable Approach to Hydropower Generation Through Mathematical Modelling in Graving Dock Flooding • Twist Wind-Solar Hybrid System for Green Hydrogen Production Project <p>MARLOG 13</p>	
<p>22 Feb. 2024</p> <p>AASTMT participation in Vision 2030 Forum</p>	<p>Dean of Scientific Research for the Maritime Sector at AASTMT is invited to give a session titled “Impacts of Climate Change on Achieving Sustainable Development Goals”, as part of the “Vision 2030 Forum organized by the Arab Center for Sustainable Civil Society.</p> <p>AASTMT in Vision 2030 Forum</p>	

(6 Dec. 2023)

Conference of the Parties to the United Nations Framework Convention on Climate Change (COPP28)

AASTMT has participated in (COPP28) which was held from the 30th of November – 12th of December 2023 in Dubai, United Arab Emirates. A group of AAST professors have shared discussions on their research in one of the conference sessions on the 6th of Dec. with the theme: Towards a Green and Sustainable Future by integrating interdisciplinary Engineering Knowledge and Technology.

[AASTMT-COPP28](#)



(30 Nov. 2023)

Joint workshop between the Egyptian Ministry of International Cooperation and the United Nations

As representative of universities and Research Centers, AAST participated in this workshop. The joint workshop between the Egyptian Ministry of International Cooperation and the UN was in light of their partnership for sustainable development 2023-2027. The workshop aimed on crystallizing ideas and project proposals related to technology and innovation in various fields of development, including electricity and renewable energy, agriculture, water resources and irrigation, as well as environment, communications and information technology.

[Joint Workshop](#)

