11.4.7 Local Authority Collaboration Regarding Planning and Development

2024/2025

The Arab Academy for Science, Technology and Maritime Transport (AASTMT) is directly engaged with governmental and local authorities, applying its educational, engineering, maritime and environmental expertise to practical challenges in urban planning, urban development and municipal infrastructure. Its documented institutional approach in the 2024–2025 academic cycle combined formal public-sector cooperation, joint supervision of local infrastructure, urban-policy knowledge exchange and engagement with decision-makers. AASTMT's distinctive contribution is to connect technical evidence, specialist education and public authorities so that sustainable cities and communities can benefit from better informed planning, more resilient infrastructure, safer solid waste services and inclusive dialogue around urban needs. These collaborations are an important enabling condition for responsible development and, where separately demonstrated, more accessible and affordable housing.

This is a multi-location mission rather than a single-campus programme. In Alexandria, the Main Campus and the Abu Qir-based institutional units supported World Cities Day alongside the governorate and national ministries, contributed to government-managed municipal landfill oversight in Damietta and Sohag, and brought coastal waste monitoring directly before Parliament's Local Development Committee. In Cairo, AASTMT's Smart Village academics contributed urban planning knowledge and urban design proposals at World Urban Forum 12, while national-level cooperation protocols with the Ministry of Housing were signed at the Cairo forum. For El Alamein, those protocols establish a named technical-consultancy framework concerning the beaches and artificial lake of New Alamein City, connecting the Academy's regional presence to government-led management of an evolving urban landscape.

AASTMT also maintains direct engagement with public authorities in Port Said and Aswan. During the reporting period, formal discussions with the Port Said Governorate explored training and government-capacity priorities relevant to sustainable development, while the AASTMT President's meeting with the Governor of Aswan advanced institutional cooperation aligned with Egypt Vision 2030. These engagements are presented as partnership channels.

Joint Government–AASTMT Oversight of a Sanitary Landfill Cell in Damietta

AASTMT contributed to the joint intergovernmental committee supervising, monitoring and handing over an additional sanitary landfill cell at Abu Griada, Faraskour District, Damietta. Working with the Ministries of Environment and Local Development, Damietta Governorate and technical partners, the Academy supported an urban development priority: strengthening municipal solid waste infrastructure and reducing the risks associated with uncontrolled dumping. The new cell covers 7 feddans and represents EGP 45 million in investment; the broader site includes water reservoirs and a leachate drainage system to support environmentally safer disposal. This is substantive planning-and-development

collaboration beyond the university campus, connecting institutional expertise with local authority implementation and improved public-health protection. The costs and areas describe the government infrastructure reported by the source, not expenditure by AASTMT.



Joint Government–AASTMT Oversight of a Sanitary Landfill Cell in Damietta

Two AASTMT–Ministry of Housing Cooperation Protocols for New Alamein Urban Development

On 7 November 2024, AASTMT and Egypt's Ministry of Housing, Utilities and Urban Communities signed two cooperation protocols during the World Urban Forum 12, establishing a documented framework for planning and development collaboration. The first provides for technical consultancy on an integrated management proposal for New Alamein City's beach, artificial lake and coastal resources, addressing environmental safeguards, resource efficiency and the quality of a strategically important urban landscape. The second covers professional training, postgraduate learning, consultancy and collaborative research for Ministry personnel and Academy students. This agreement is especially relevant to AASTMT's El Alamein regional role: it connects higher-education expertise with a public planning authority and a named urban development area.



Two AASTMT–Ministry of Housing Cooperation Protocols for New Alamein Urban Development AASTMT News

AASTMT Supports Local-Authority Handover of a Sanitary Landfill in Sohag

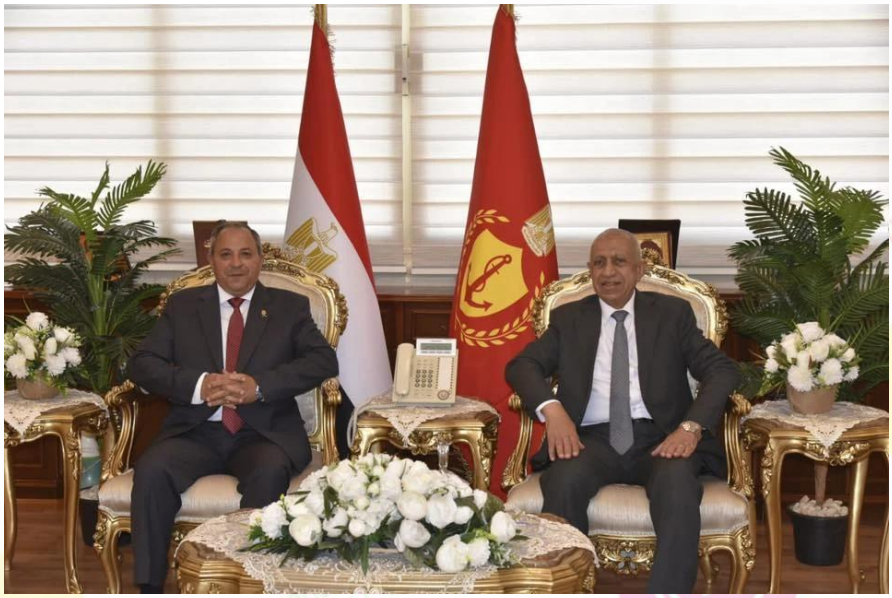
AASTMT served on the technical committee supervising the development and handover of the sanitary landfill cell in Juhayna, Sohag, alongside the Ministries of Environment and Local Development, local government and national engineering partners. The facility spans 10 feddans, cost EGP 60 million and is designed to serve the Juhayna and El-Maragha districts. This tangible municipal infrastructure intervention responds to solid waste management needs and supports safer land use, reduced pollution and protection of soil and groundwater. Through its role in the inter-agency oversight process, AASTMT contributed to a government-led planning and development service benefiting communities beyond its campuses.



AASTMT Supports Local-Authority Handover of a Sanitary Landfill in Sohag

Port Said Governorate and AASTMT Establish Cooperation Priorities

On 21 June 2025, the Governor of Port Said received the President of AASTMT to review cooperation in training, rehabilitation, workforce development and the application of academic expertise to local needs. The discussion established an institutional channel for the Port Said branch to support government capacity and sustainable development objectives. For a major port city, such an interface can help connect professional skills and evidence-informed planning.



Port Said Governorate and AASTMT Establish Cooperation Priorities

Egyptian Parliament's Local Development Committee Reviews AASTMT's TOuMaLi Coastal Waste Pilot

On 27 June 2025, AASTMT hosted a field visit by the Egyptian Parliament's Local Development Committee to the Alexandria coast under the TOuMaLi (Prevention of Tourism Marine Litter) project. The visit demonstrated beach-cleaning equipment and the systematic collection and analysis of litter data, illustrating how local evidence can guide municipal solid waste prevention and coastal public-space management. Members of Parliament reviewed the pilot activities and discussed the potential for legislative support to scale effective practices to other Egyptian coastal areas. This engagement placed a research-led intervention directly before public decision-makers, linking university monitoring capacity to local development deliberations.



Egyptian Parliament's Local Development Committee Reviews AASTMT's TOuMaLi Coastal Waste Pilot

Aswan Governorate and AASTMT Advance an Intergovernmental Sustainability Dialogue

On 17 September 2024, the President of AASTMT met the Governor of Aswan at the Governorate headquarters to examine areas of common interest and strengthen cooperation supporting sustainable development under Egypt Vision 2030. This documented dialogue provides a local-authority entry point for regionally responsive urban development and the exchange of technical expertise. For AASTMT's South Valley presence, the engagement demonstrates a direct channel through which academic capabilities can be aligned with the priorities of a governorate.



Aswan Governorate and AASTMT Advance an Intergovernmental Sustainability Dialogue

World Cities Day 2024: Alexandria's Government–University Platform for Sustainable Cities

AASTMT helped organize and participate in World Cities Day 2024 in Alexandria under the theme "Youth Leading Climate and Local Action for Cities." The event brought together Alexandria Governorate, national ministries, the Academy and international participants to examine how urban planning, inclusive public space, climate action and community-led solutions can improve the future of cities. AASTMT's official coverage reports more than 1,500 experts, young people and decision-makers alongside delegations from 30 countries. The Academy's role in a government-supported urban forum illustrates a practical knowledge-sharing mechanism between research, policymakers and communities. By advancing youth

participation and locally relevant debate on sustainable cities and communities, the event strengthened the partnership environment for future municipal planning.



World Cities Day 2024: Alexandria's Government–University Platform for Sustainable Cities