Arab Academy for Science, Technology & Maritime Transport
for Science, Technology & Maritime Transport

Arab Academy for Science, Technology & Maritime Transport

AASTMT
SUSTAINABLE
DEVELOPMENT
GOALS

Report 2022 / 2023

SDG 11

Our Aim in 2022 -2023

AASTMT aims to promote the development of inclusive, safe, resilient, and sustainable cities and communities through innovative solutions and fostering inclusive urban planning, alongside initiatives that support art and cultural heritage.

THE Impact Ranking Scores 2021-2022

SDG 11

SUSTINABLE CITIES AND COMMUNICATIONS

Key Milestones in 2022-2023

Arab Academy for Science, Technology and Maritime Transport (AASTMT) has made significant strides towards achieving SDG 11, which focuses on making cities and human settlements inclusive, safe, resilient, and sustainable. AASTMT demonstrates its commitment to advancing SDG 11 by fostering sustainable urban development and engaging with both academic and local communities through education, research, and consultancy. AASTMT has worked on SDG11 through two main integrated pivots, which are:

In-Campus Community (Internally)

1. Encouraging more students, academic and administrative staff to be involved in SDG11 activities through raising awareness about the other 16 different related SDGs.
2. AASTMT has expanded the integration of sustainability concepts into its academic programs, particularly in fields related to urban planning and environmental management. This includes courses that emphasize sustainable urban development practices and the importance of resilient infrastructure.
3. Launching a "Student Competition for Sustainable Development".
4. AASTMT has implemented various sustainability measures on its campuses, such as energy-efficient buildings, waste reduction and recycling programs, green spaces, and the promotion of public sustainable transportation among students and staff. These initiatives not only reduce the university's carbon footprint but also serve as a model for sustainable practices in urban settings.
5. Increasing the expenditure on arts and heritage by 80% compared to the previous year's expenditure.

Out-Campus Community (Externally)

1. AASTMT has formed partnerships with governmental and non-governmental organizations to enhance its impact on urban sustainability. Collaborations with local municipalities have led to joint projects that aim to improve urban infrastructure and public services, aligning with the goals of SDG 11. Matrouh agreement is a good example of these collaborations.
2. Growth of AASTMT "Aswan" and "El Alamein" branches are initiatives for reconstructing one of unpopulated areas.
3. Expanding AASTMT library role in serving the public society.
4. Elevating the awareness of Electric Vehicles as clean and sustainable transportation facility.

**SDG11 Progress
2022-2023**

**INTERNALLY
(IN-CAMPUS)**

**EXTERNALLY
(OUT-CAMPUS)**

* Encouraging more students, academic and administrative staff to be involved in SDG11 activities through raising awareness about the other 16 different related SDGs.

* Expanding the integration of sustainability concepts into its academic programs, particularly in fields related to urban planning and environmental management.

* Launching a "Student Competition for Sustainable Development".

* Implementing various sustainability measures on its campuses to reduce the university's carbon footprint and serve as a model for sustainable practices in urban settings.

* Increasing the expenditure on arts and heritage by 80% compared to the previous year's expenditure.

* Partnerships with governmental and non-governmental organizations to enhance its impact on urban sustainability. Collaborations with local municipalities have led to joint projects that aim to improve urban infrastructure and public services, aligning with the goals of SDG 11. Matrouh agreement is a good example of these collaborations.

* Growth of AASTMT "Aswan" and "El Alamein" branches are initiatives for reconstructing one of unpopulated areas.

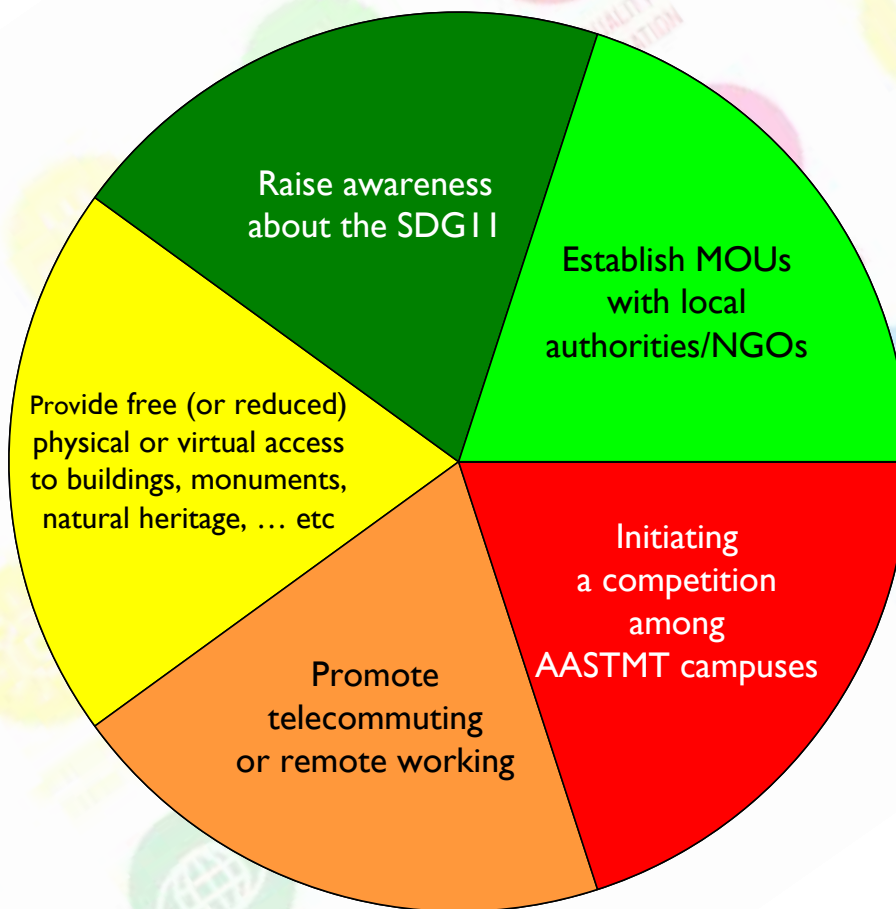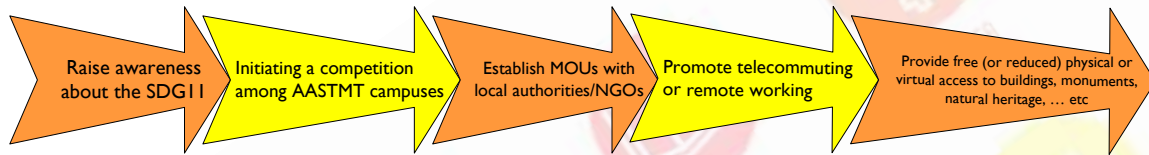* Expanding AASTMT library role in serving the public society.

* Elevating the awareness of Electric Vehicles as clean and sustainable transportation facility.

Community Engagement

AASTMT engagement is reflected in several initiatives and programs aimed at promoting sustainable community development, as follows:

1. Raise awareness about the SDG11 through spreading knowledge about SDG11 by giving one tip each month to be shown on the electronic boards on campuses.
2. Launching a competition among AASTMT campuses. Also, AASTMT hosts workshops, seminars, and conferences that focus on sustainable urban development. These events bring together experts, students, and community members to discuss and promote best practices in creating sustainable cities.
3. Establish MOUs with local authorities/NGOs to address planning issues and development to ensure the inclusiveness of all the community members and the right to access the heritage and the building of value. AASTMT collaborates with various stakeholders, including governmental and non-governmental organizations, to enhance community engagement in sustainability efforts. These partnerships are essential for sharing knowledge and resources to achieve the goals of SDG 11.

4. Promote and allow telecommuting or remote working for employees as a matter of policy or standard practice, or offer a condensed working week to reduce employee commuting.
5. Provide free physical or virtual access or reduce the amount of access to buildings and/or monuments or natural heritage landscapes of cultural significance, as well as green spaces.

Raise awareness about the SDG11 → Initiating a competition among AASTMT campuses → Establish MOUs with local authorities/NGOs → Promote telecommuting or remote working → Provide free (or reduced) physical or virtual access to buildings, monuments, natural heritage, … etc

Raise awareness about the SDG11

Establish MOUs with local authorities/NGOs

Initiating a competition among AASTMT campuses

Promote telecommuting or remote working

Provide free (or reduced) physical or virtual access to buildings, monuments, natural heritage, … etc

Events

Public Access to Buildings

AASTMT provides public access to buildings and/or monuments or natural heritage landscapes of cultural significance.

A Visit to Pyramids of Giza and Al-Muizz Street.

Public Access to Buildings on AASTMT webpage

The AASTMT organizes international trips to visits the iconic landmarks and historical sites around the world such as Greece and Albania.

Public Access to Buildings on AASTMT webpage

Public Access to Libraries

The Academy Library offers facilities for scientific research for the public for sustainable development in reading.

In El Alamein campus the Arab Academy provide bookstore. The Library serves the College of Dentistry, College of Pharmacy, College of Artificial Intelligence, College of Engineering and Technology, and the College of Management and Technology, and the College of International Transport and Logistics

Public Access to Libraries on AASTMT webpage
Public Access to Libraries on AASTMT webpage

The Academy Library plays a pivotal role in promoting sustainable development in reading by offering comprehensive facilities for scientific research accessible to the public.

Public Access to Libraries on AASTMT webpage
Video for *Public Access to Libraries* on AASTMT webpage

Public Access to Museums

The Academy provides physical and virtual tours to museums, exhibition spaces or galleries.

Students from the College of Archaeology and Cultural Heritage are currently engaged in hands-on training in conservation and restoration at the Egyptian Museum.

Public access to museums. on AASTMT webpage
Public access to museums on AAST college of archaeology and cultural heritage facebook page

Public Access to Green Spaces

The Arab Academy for Science, Technology and Maritime Transport (AASTMT) Main Campus in Alexandria proudly hosted the Champions of the UIPM U17 World Championship 2023 on its eco-friendly grounds.

Public access to green spaces on AASTMT webpage
Public access to green spaces on UIPM World pentathlon webpage
Public access to green spaces on AASTMT-Student Affairs-Alexandria facebook page
Video for *Public access to green spaces* on AASTMT-Student Affairs-Alexandria facebook page

Permanent Free Access to All Campus Grounds:

The Arab Academy for Science, Technology & Maritime Transport (AASTMT) implements a free access policy outside regular hours, providing students with the invaluable opportunity to utilize campus grounds for their projects and experiments.

Permanent free access to all campus grounds on AAST Webpage

Occasional Free Access to All Campus Grounds:

The Academy takes pride in hosting various competitions on its green fields throughout the month of Ramadan, fostering a spirit of community and engagement among students and participants.

Occasional Free Access to All Campus Grounds on AAST webpage
Occasional Free Access to All Campus Grounds on AAST Aswan Student Affairs facebook page

Arts and Heritage Contribution

The Academy recently conducted a wood painting workshop aimed at showcasing the cultural talents of its students.

Arts and Heritage Contribution on AASTMT webpage
Arts and Heritage Contribution on facebook page

Record and Preserve Cultural Heritage

The Faculty of Antiquities and Civilizational Heritage offers a degree in this specialty in Egypt in accordance with international quality standards.

The unique location of Aswan campus is a point of excellence in terms of proximity to archaeological sites, museums, heritage and rich culture in Aswan City and makes it the perfect place to study antiquities and cultural heritage.

Record and Preserve Cultural Heritage on AASTMT webpage
Record and Preserve Cultural Heritage on AAST College of Archaeology and Cultural Heritage facebook page

Sustainable Practices

Sustainable Practices Targets

Arab Academy of Sciences and Technology students enjoyable time riding bicycles and more fun activities.

Sustainable practices targets on AAST Aswan Student Affairs facebook page

Promote Sustainable Commuting

AASTMT works on integrating all the related initiatives of the 17 SDGs to fulfil more clean, eco-friendly and sustainable commuting. AASTMT has taken early initiative in the field of Electric Vehicles (EV).

Promote sustainable commuting on AAST instagram

The Transport Department of the Arab Academy offers a distinctive transportation service to transport our students and working on a fleet of bus with the latest technical means. All buses have free Wi-Fi service, and all vehicles have GPS devices that make the service safer to locate and move all vehicles to ensure the safety of passengers during daily trips. Transport service covers all regions.

Promote sustainable commuting on AAST webpage

Allow Remote Working

Promote or allow telecommuting or remote working for employees as a matter of policy or standard practice, or offer a condensed working week to reduce employee commuting.

AASTMT has created effective online learning and learning experiences in a collaborative environment for all students using AASTMT Moodle that helps students in the educational process.

Allow remote working on AASTMT Moodle webpage

AASTMT establishes a paperless to facilitate dealings between the Academy's staff to save time and effort.
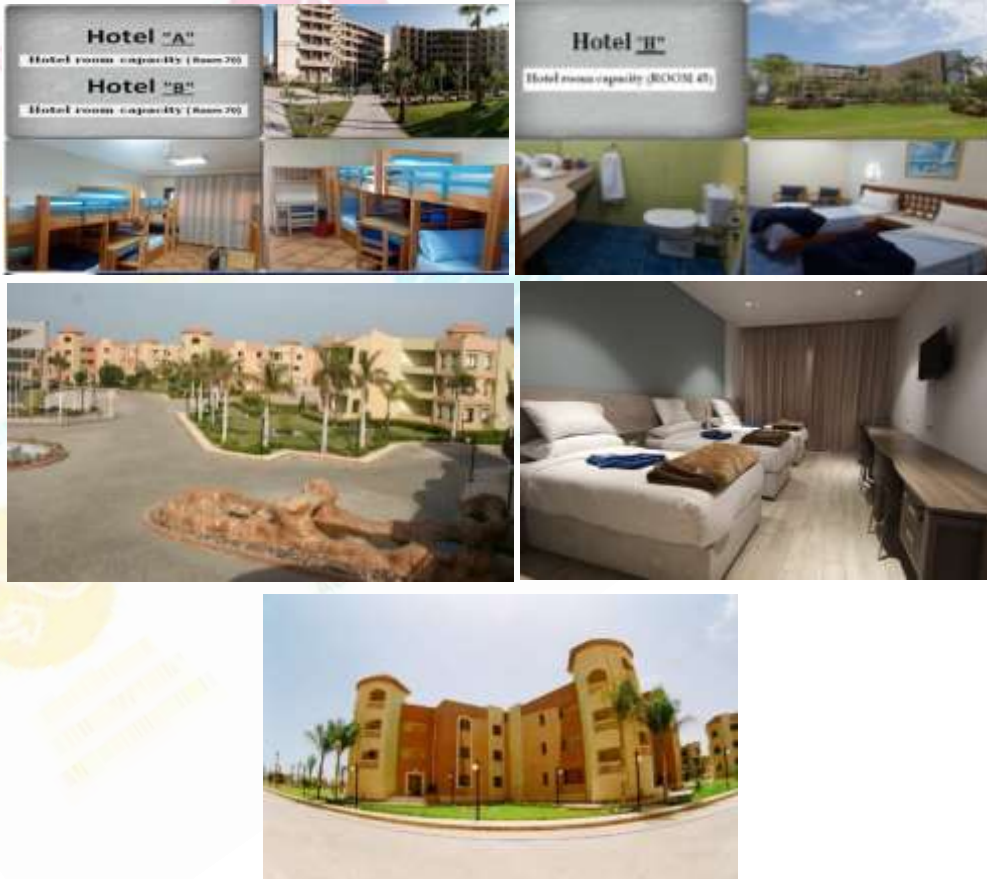
Allow remote working on AASTMT webpage
Allow remote working on AASTMT webpage

Affordable Housing for Students

Student housing at the academy is one of the main factors affecting positively the life of the student within the framework of providing the best atmosphere for the student and provide more comfort and services through the Housing and Subsistence Department, which seeks to provide an educational - social - psychological - cultural - sports - disciplinary environment that provides students with many opportunities to develop their abilities.

Provide Affordable Housing for Students on AASTMT webpage

Pedestrian Priority on Campus

AASTMT considers the safety and convenience of pedestrians. AASTMT campuses follow the guidelines on prioritizing pedestrian access based on best practices and urban design principles. These guidelines are:

- Sidewalk Connectivity and Accessibility.
- Safe Pedestrian Crossings.
- Pedestrian-Friendly Design.
- Separation from Vehicle Traffic.
- Accessibility for People with Disabilities.

Pedestrian Priority on Campus on AASTMT webpage
Pedestrian Priority on Campus on AASTMT webpage
Pedestrian Priority on Campus on AASTMT webpage

Local Authority Collaboration Regarding Planning and Development

Agreement with Matrouh Governorate for the Development of Visual Identity and Creation of Sustainable Communities: AASTMT designs the visual identity for Matrouh Governorate. This initiative is part of the ongoing collaboration between the Academy and the Governorate, following the signing of a protocol to prepare a guide for the visual identity.

Local authority collaboration regarding planning and development on AASTMT webpage

The international research projects center is the link between Arab Academy for Science, Technology and Maritime Transport and external funding entities that support international research projects.

Local authority collaboration regarding planning and development on AASTMT webpage

Planning Development - New Build Standards

The Academy participated in the Green Environmental Initiative by growing plants to adorn the Academy and preserve the environment.

planning development new build standards on AAST webpage

Building on Brownfield Sites

Build on brownfield sites, where possible

The Academy is always interested in preserving the environment through planning and urban construction to achieve the quality of life for students.

Building on brownfield sites on AAST webpage

Upcoming Goals

Arab Academy for Science, Technology and Maritime Transport (AASTMT) is actively working towards achieving SDG 11, which focuses on making cities and human settlements inclusive, safe, resilient, and sustainable. For the upcoming year, AASTMT has outlined several initiatives and projects aimed at advancing this goal.

Future Goals and Scheduled Plans

Urban Sustainability Projects:

AASTMT plans to launch various urban sustainability projects on its campuses that focus on enhancing the quality of life in urban areas. These projects include initiatives aimed at improving its public transportation systems, increasing green spaces. The emphasis will be on creating urban environments that are not only livable but also environmentally friendly.

Partnerships with Local Governments:

Collaborating with local government entities is a key strategy for AASTMT. By forming partnerships, the academy aims to implement community-based projects that address specific urban challenges. These collaborations will focus on developing policies and practices that promote inclusivity and resilience in urban planning.

Research and Innovation Initiatives:

AASTMT is set to enhance its research efforts related to urban development. This includes conducting studies on urbanization trends and their impacts on sustainability. The findings will inform future projects and help in the development of innovative solutions tailored to the needs of urban populations.

Capacity Building and Training Programs:

To support the implementation of SDG 11, AASTMT will offer training programs aimed at equipping stakeholders, including urban planners and local officials, with the necessary skills and knowledge. These programs will focus on sustainable urban development practices and the importance of community engagement in planning processes.

Awareness Campaigns:

AASTMT plans to launch awareness campaigns to educate the public about the importance of sustainable cities and communities. These campaigns will highlight the role of citizens in contributing to urban sustainability and encourage community participation in local initiatives.

By focusing on these areas, AASTMT aims to make significant strides towards achieving SDG 11 in the coming year, fostering urban environments that are inclusive, safe, and resilient for all residents.