



Qualifying for Employment



Introduction:

Port Training Institute (PTI) at Arab Academy for Science, Technology, and Maritime Transport (AASTMT) plays a vital role in building capacity within the ports sector. As a specialized organization of the League of Arab States, PTI serves as a leading Arab advisory center for expertise in maritime transport work, port operation, and various related fields. This includes marine, engineering, and administrative disciplines.

PTI Mission:

- To deliver high-quality, industry-relevant training programs for port and logistics personnel in Egypt, the Arab world, and Africa.
- To foster collaboration and knowledge exchange with international partners, ensuring our curriculum reflects the latest advancements in the field.
- To equip graduates with the skills and expertise necessary to optimize port operations, enhance efficiency, and elevate the overall performance of the Arab world's maritime sector.

Scope of Services: PTI offers a comprehensive range of services to enhance Egyptian and Arab ports, including:

- **Training Programs:** PTI provides a diverse portfolio of training programs, from certificate courses to diplomas and specialized workshops, catering to all levels of port personnel.
- **Consultancy Services:** PTI offers expert consultancy services to port authorities and companies, assisting them in optimizing operations, implementing best practices, and achieving strategic objectives.
- **Research and Development:** PTI actively conducts research and development initiatives, focusing on emerging trends and technologies within the ports and logistics sector, ensuring its training programs remain at the forefront of the industry.
- **International Partnerships:** PTI fosters strong partnerships with esteemed organizations worldwide, facilitating knowledge transfer and the development of joint training programs.

Project Objective:

The project aims to bridge the skills gap in the ports sector by providing targeted training programs for young graduates (20-30 years old) seeking careers in operational and technical fields. These programs equip participants with the necessary knowledge and skills to excel in their chosen professions, preparing them for immediate employment within the industry.

PTI acts as a vital intermediary, collaborating with companies to identify specific skill needs. By tailoring training programs accordingly, PTI ensures graduates possess the qualifications sought by potential employers. This collaborative approach fosters a win-win situation, providing companies with a readily available pool of qualified talent while equipping graduates for successful careers in the ports sector.

Project Phases:

1. **First phase:** candidates' selection according to customized assessments

2. **Second phase: Simulator-Based Training**

Selected candidates undergo a 3-day training course using simulators at PTI. This phase aims to familiarize participants with the operation and control of container handling equipment in a simulated environment.

Through hands-on practice with simulators, candidates gain a solid understanding of equipment functionality and develop essential operational skills. This prepares them for the transition to hands-on training on actual equipment in the subsequent phase.

3. **Third phase: On Job Paid Training**

Candidates receive hands-on training (Paid) on actual container handling equipment at the company's premises

The hands-on training emphasizes practical application, allowing candidates to refine their skills, gain confidence, and develop the ability to handle equipment safely and efficiently in a port environment. This phase culminates in a comprehensive assessment to evaluate candidates' proficiency and readiness for employment.

Relevant UN SDGs:

This project directly addresses the UN Sustainable Development Goals as following:



SDG 1: No Poverty By providing paid on-the-job training, the project directly addresses poverty reduction. Trainees receive a monthly salary, allowing them to meet basic needs and build financial security, lifting themselves and potentially their families out of poverty



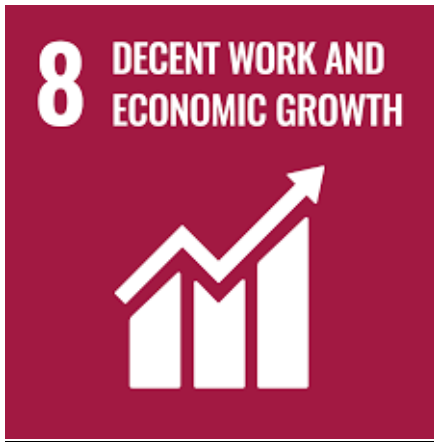
By implementing a customized selection process, the project reflects **SDG 4: Quality Education** by ensuring training targets the specific needs of the industry and individual learners

PTI offers all programs in accordance with the requirements of the International Maritime Organization (IMO) and the United Nations Trade and Development Program (UNCTAD) and in line with the rules of the International Labor Organization (ILO) and the United Nations Development Program (UNDP).

PTI obtained a quality certificate in maritime education and training according to the international classification from the Association (DNV.GL)



SDG 5: Gender Equality The project actively encourages applications from women, promoting equal opportunities in the traditionally male-dominated ports sector. Earning a steady income empowers women, fosters their economic independence, and contributes to overall gender equality.



SDG 8: Decent Work and Economic By equipping young graduates with the specific skills demanded by the ports industry, the project empowers them to secure quality jobs and contribute to the economic growth of their communities.



The use of advanced simulation technology contributes to **SDG 9: Industry, Innovation and Infrastructure** and promotes the development of a more skilled workforce and strengthens the innovation capacity of the ports sector.



The project contributes to **SDG 11: Sustainable Cities and Communities** by fostering a skilled workforce, the initiative contributes to the development of efficient ports. Efficient ports are essential for the smooth flow of goods, which in turn supports economic activity and development within cities and surrounding communities.



The project fosters **SDG 17: Partnership for the Goals** through PTI's collaboration with companies. This partnership ensures training programs are aligned with industry needs, creating a win-win situation for both graduates and employers.

Collaborative Parties:

1. Suez Canal Container Terminal (SCCT) – 2014 till present



MANAGED BY
APM TERMINALS

Suez Canal Container Company in East Port Said Port "SCCT", one of the subsidiaries of Maersk International

SCCT opened in 2004 on a 49-year concession. It is a Joint Venture with APM Terminals the majority shareholder (55%) and operator. Other key shareholders include COSCO (20%), the Suez Canal Authority (10.3%), Egyptian private sector (9.7%) and the National Bank of Egypt (5%).

2. Damietta Container & Cargo Handling Co (DCHC) – 2023 till present



**Damietta Container
& Cargo Handling Co.**

Keep Container Move

DCHC is jointly owned by the holding company for Maritime and inland transportation (HCMIT) (42%), Damietta port Authority (25.0%), the Canal Company for Shipping Agency (20.0%), Port Said Container and Cargo Handling Company 3% and private sector/individuals (10.0%). DCHC has excellent road and rail links to the main industrial centers of Egypt. DCHC also benefits from its close proximity to the Nile River, which enables cargo to be transported by barge from hinterland.

1. Port Said Container & Cargo Handling Co. (PSCCHC) 2024 till present



Port Said Container & Cargo Handling Co. Subsidiary of "Holding Co. for Land & Maritime Transport"

PSCCHC was established to be operated in handling, storing & transporting containers to the designated yards or warehouses. Container handling activity started since 1988 with a handling volume 25479TEU.

It began to grow year after year as a result of the continuous development incurred in the terminal including quays, yards, equipment, and computer system. Container handling activity represents 90% of the company activities and accordingly it represents 90% of its income.

Targeted Professions:

The training program equips graduates for various in-demand professions within the ports sector, including:

- Crane operators (STS, RTG, Reach Stacker)
- Terminal tractor drivers
- Deckers, Checkers, and Planning personnel
- Gate, Safety, and Yard Operation specialists
- D&W, WOW, and Truck Driver roles
- Human Resources, Procurement, and Research & Development professionals
- Accounting, Electrical Engineering, and Web Development positions

Project Achievements

	Partner	<i>Time scope</i>	<i>No. of Applicants</i>	<i>On-the-job training (Paid)</i>
<input type="checkbox"/>	SCCT	Starting 2014 – till present	2500	400
<input type="checkbox"/>	DCHC	Starting 2023 – till present	500	140
<input type="checkbox"/>	PSCCHC	Starting 2024	200	35

Conclusion

The project offers a unique opportunity for young graduates to gain the necessary qualifications and practical experience to launch successful careers within the dynamic and growing ports sector. By combining targeted training programs with industry collaboration, the project equips graduates with the skills and knowledge that are in high demand by leading port companies. This, in turn, fosters a more skilled workforce and contributes to the overall growth and efficiency of the Arab world's maritime industry.