

Training and Organizational Development Conference **TOD'25**

The Impact of
Artificial Intelligence
on the Future of the Human Workforce



Dr. Tarek Elbakly

Chief Human Resources Officer, Arab Academy for Science, Technology and Maritime Transportation (AASTMT)

Dr Elbakly is one of the leading educational and maritime institutions in the Middle East. He brings a distinct blend of executive leadership, deep academic experience, and extensive operational expertise to his role, driving the human capital strategy across the Academy.

Dr. Elbakly is a highly credentialed professional with a strong academic foundation, holding a Ph.D. in Marine Engineering and Naval Architecture* from Alexandria University, alongside both Master's and Bachelor's degrees in Marine Engineering from AASTMT. His long-standing tenure at the Academy includes serving as a *Senior Lecturer* in the Marine Engineering Technology Department, where he contributed significantly to research in fields such as ship structures integrity, emissions from ships, and dual-fuel propulsion systems.

Complementing his academic expertise is a distinguished maritime career. Dr. Elbakly holds a *Marine Chief Engineer* certificate and served for years in senior operational roles at sea, including positions as *Chief Engineer* and *Second Engineer*. His shore-based experience further includes roles as an **Engineer Superintendent* and a specialized *Flag State Inspector*. This operational background demonstrates an ability to manage large teams, ensure strict regulatory compliance, and oversee complex logistical and technical operations—core competencies that inform his approach to executive leadership and human resources management at AASTMT.

In his role as CHRO, Dr. Elbakly leverages his comprehensive understanding of institutional needs and high-level operational requirements to foster a culture of excellence and professional development for AASTMT's staff and faculty.

"Building Today's Talent, Achieving Tomorrow's Excellence "

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