

People. Development. Impact.

Breaking away from "tradition"
Labour issues in the shipbuilding and marine equipment industries

The viewpoint of universities and research

C-WP6 Workshop

Dr. Khanssa Lagdami

ITF Seafarers Trust

Assistant Professor

Maritime Labour Law and Policy

OECD, Paris 21 November 2023



ABOUT WMU

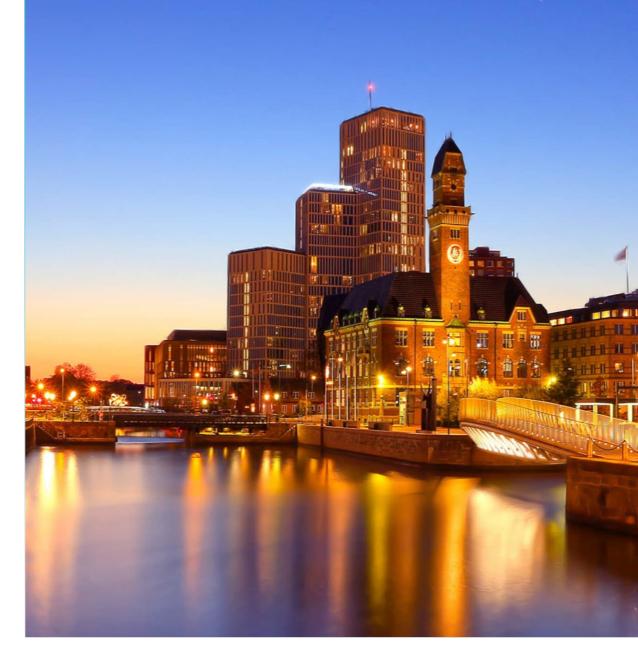
Established in 1983 within the framework of the International Maritime Organization (IMO), a Specialized Agency of the United Nations.

MISSION

To be the world centre of excellence in postgraduate maritime and oceans education, professional training and research, while building global capacity and promoting sustainable development.

VISION

To inspire leadership and innovation for a sustainable maritime and oceans future.



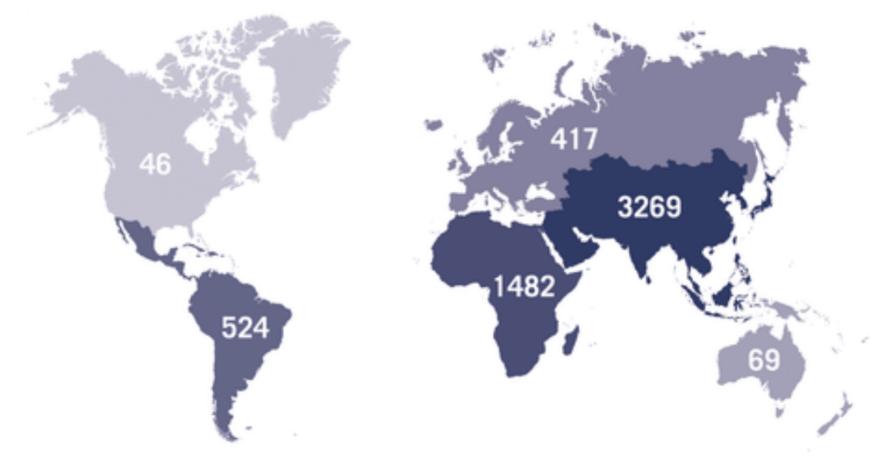


GLOBAL IMPACT

5,807 Alumni

170 Countries and Territories

1,295 Female Graduates







OUR COMMITMENT TO THE UN SDGs



ensure inclusive & equitable quality education & promote lifelong learning opportunities for all



achieve gender equality and empower all women and girls



ensure access to affordable, reliable, sustainable and modern energy for all



promote inclusive and sustainable economic growth, employment and decent work for all



build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation



take urgent action to combat climate change & its impacts



promote just, peaceful and inclusive societies



strengthen the means of implementation and revitalize the global partnership for sustainable development



Conserve and sustainably use the oceans, seas and marine resources for sustainable development





GOVERNANCE



IMO Assembly (175 IMO Member States & 3 Associate Members) President: H.E. Mr. Antonio Manuel R. Lagdameo



IMO Council (40 IMO Member States)
Chair: Víctor Jiménez



WMU Board of Governors (30 appointees by IMO SG)
Chair: Chancellor Kitack Lim
WMU Alumnus



WMU Executive Board (10 appointees by IMO SG)
Chair: Gerardo Borromeo



World Maritime University
President: Professor Maximo Q. Mejia





OUR CONTRIBUTIONS



Masters Programmes



PhD Programme



LLM and Postgraduate Diplomas via distance learning



Capacity Building



English and Study Skills Programme



Customized Professional Education



Solution focused and policy relevant Maritime and Ocean Research



Technical Cooperation Support at request of IMO





WMU's FUTURE OF WORK PROGRAM



The world of work is facing unprecedented changes. New technologies, such as artificial intelligence, robotics, automation, and digitalization of the economy, along with changes in socio-political patterns and climate change, are shifting the nature of work.

The WMU Future of Work Programme looks at how to make this shift inclusive. Through interdisciplinary research, we are developing ways to adapt to these unprecedented changes in the world of work within maritime and related industries. Taking into account hard data, combined with people's perspectives and experiences, we aim to shape policy and decision-making within the maritime transport sector for an inclusive and sustainable future for all.





WMU's FUTURE OF WORK PROGRAM

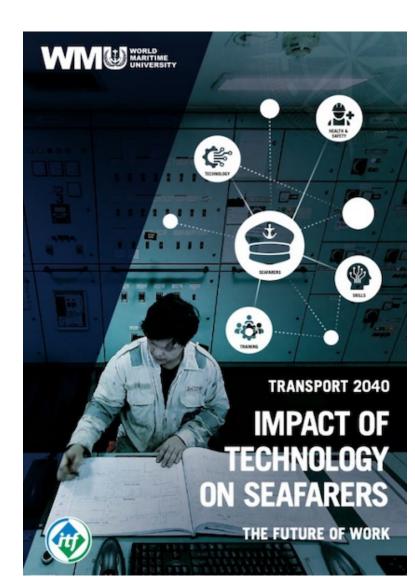




International Chamber of Shipping Summit Manila, 2023

Shaping the Future of Shipping – Seafarer 2050 Conference

Monday 26th June 2023







WMU's FUTURE OF WORK PROGRAM

Phase II of Transport 204:

- Continuous Assessment of Trends in Automation and Technology (Technology evolution roadmap)
- Future maritime skills, competencies and career opportunities
- Four case studies on Occupational Health and Safety



What does current ship look like?

LNG/LPG



Bulk Carrier



Chemical Tanker



Cruise Ship



Ferry



What does future ship look like?

Ships will be more digitalised, greener, safer and automated



FastRig wing-sails developed by UK company Smart Green Shipping

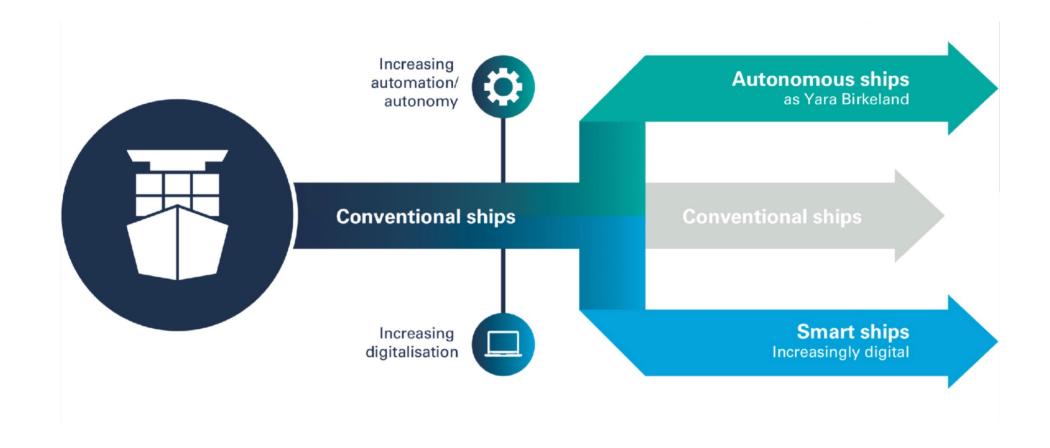


Source: Concerornetwork.com

Yara Birkeland Ship



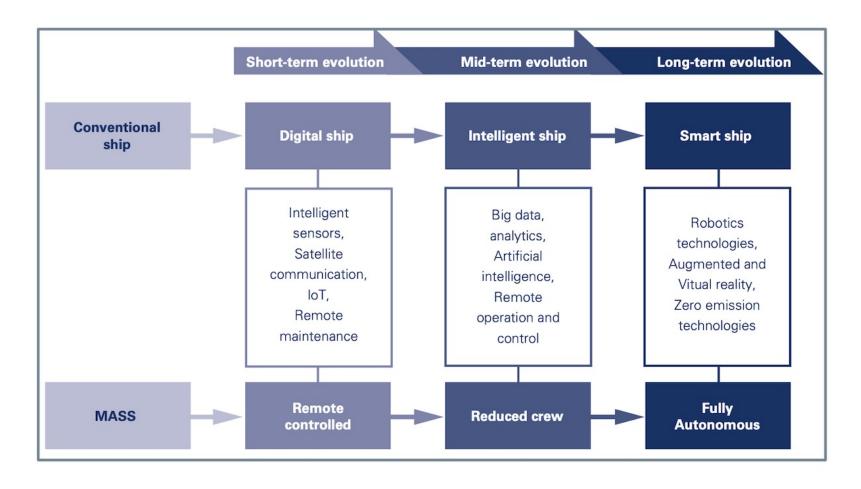
Burification in shipping developement



Source: ITF/WMU Transport 2040, Automation, Technology, Employment, The future of Work

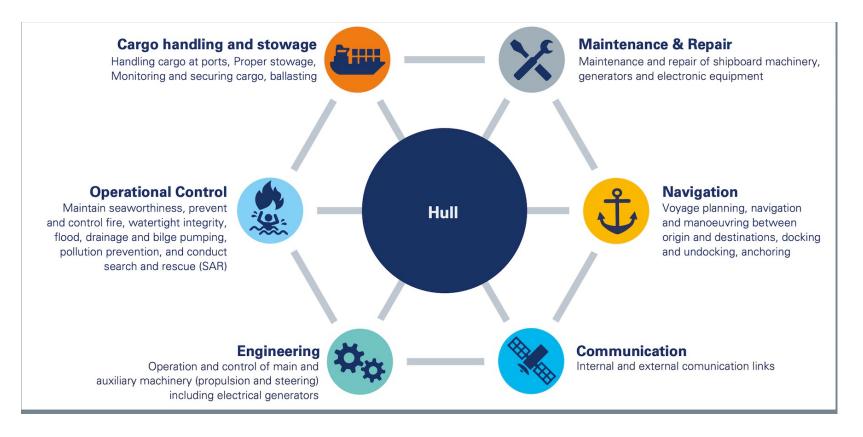


Evolution of the ship

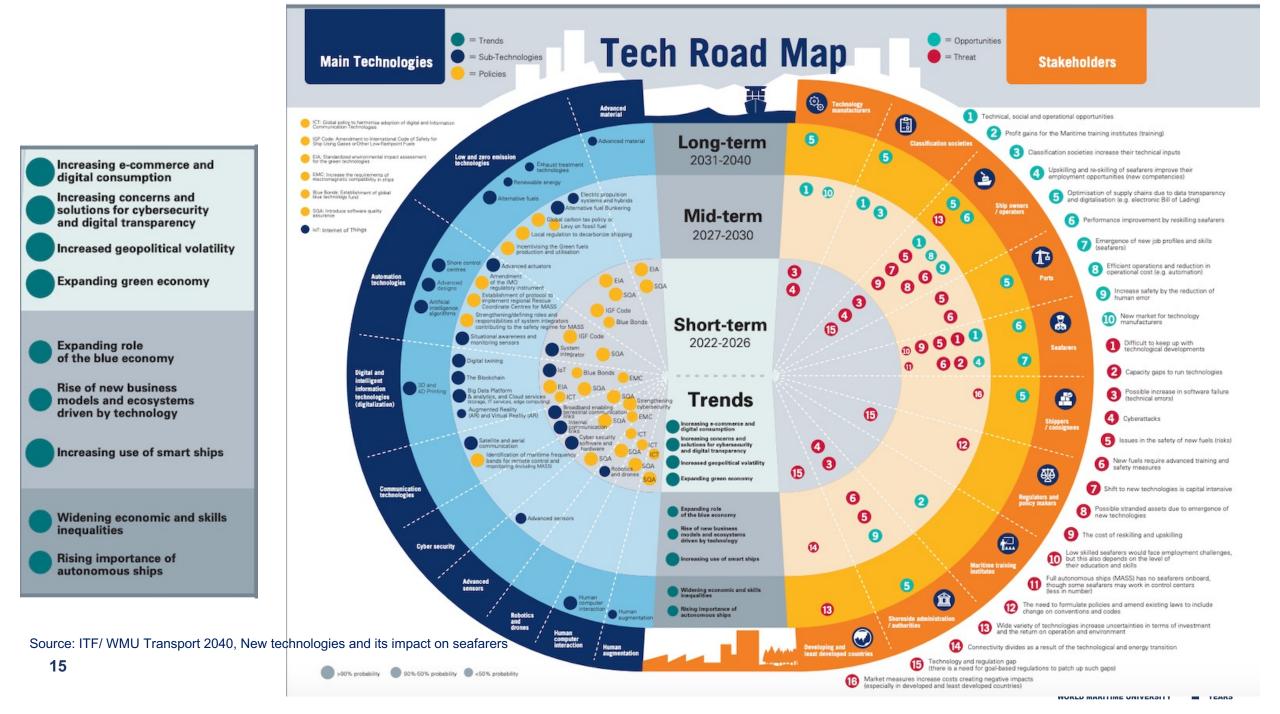




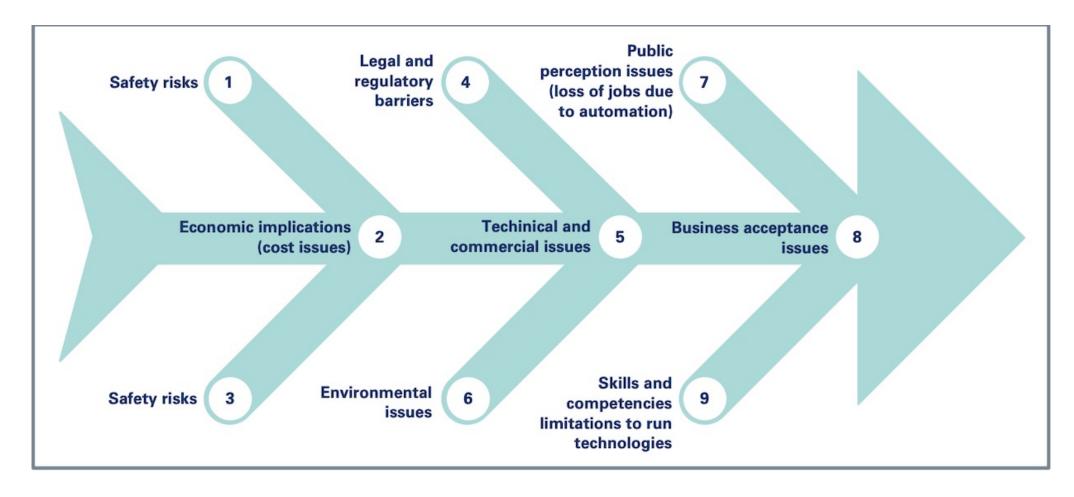
Transformative future ship technologies





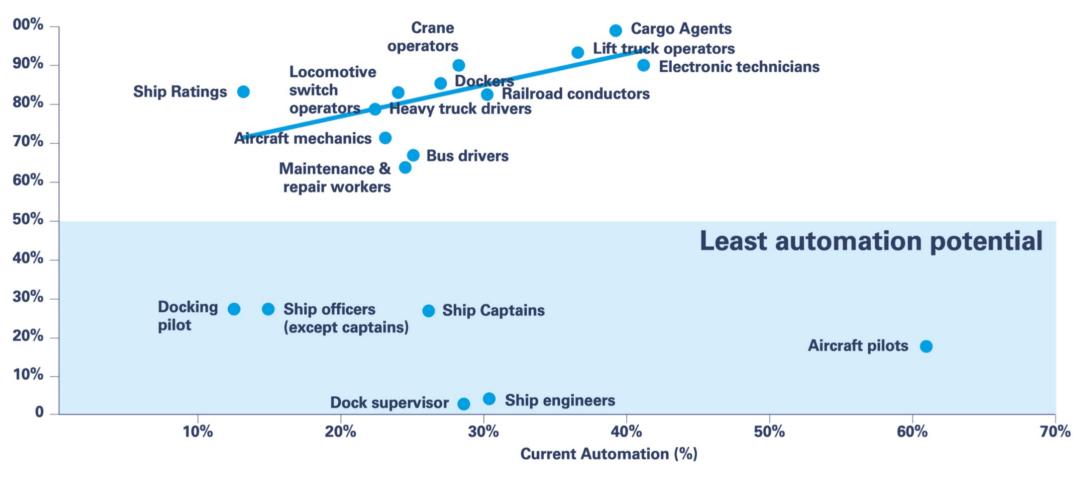


Transformative future ship technologies





Potential impacts on workers

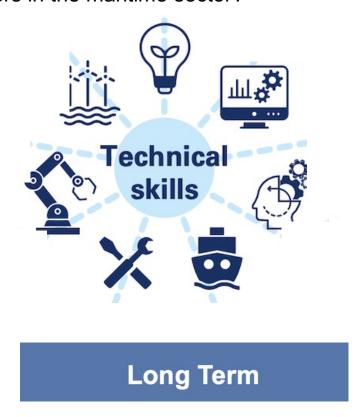


Source: ITF/WMU Transport 2040, Automation, Technology, Employment, The future of Work



New skills and competencies might be needed by shipbuilding workers

What are the actions taken by universities to provide initial and life-long education to train future workers in the maritime sector?





Short/Medium/Long Terms



What are the actions taken by universities to provide initial and life-long education to train future workers in the maritime sector?

Exemple: IMO E-Learning Capacity-Building (in collaboration with WMU)





Creating Evaluating Blen **Analyzing** 0 ed T P **Applying** rning xercise **Understanding** S essons Remembering

Source: WMU MET specialisation, lecture notes



How about a just transition for shibuilding workers?

The cost of the transition must also includes protecting the health and well-being of shipbuilding workers.





People. Development. Impact.

Thank you for your attention





