SUSTAINABILITY AT MAERSK
PARTNERING ON SHIP TSUNAMI MONITORING PROJECT
Our Sustainability strategy

- **Our Sustainability strategy**
  - **Internal compliance**
  - **External leverage**
  - **Companies are problems**
  - **Companies are solution providers**
  - **Stakeholder drive**
  - **Investor demand**

**SHARED VALUE PROJECTS**
- Drive transformation
- Positive impact at scale

**RESPONSIBLE BUSINESS PRACTICES**
- Managing responsibilities or risks
- Mitigate negative impacts

- **Health, safety & environment**
- **Human & labour rights**
- **Responsible tax practices**
- **Responsible procurement**
- **Diversity & Inclusion**
- **Ocean health**

- **Help decarbonise logistics**
- **Contribute to halving food loss**
- **Lead change in the ship recycling industry**

- **Inside-out**
- **Outside-in**
Our ocean fleet

Our vision
To provide our customers with an end-to-end offering of products and services across digital platforms and an end-to-end delivery network, taking the complexity out of global supply chains.

Connecting and simplifying global value chains

- **LOGISTICS & SERVICES**
- **MANUFACTURING & OTHERS**
- **OCEAN**
- **TERMINALS & TOWAGE**
Help Multiply the Benefits of Trade

**AMBITION**
To act in accordance with our values by using our leverage and logistics capabilities to support response efforts to large natural disasters and in complex emergencies.

**6 Vessels**
Participating in passive carriage Tsunami monitoring equipment on international voyages since 2014. Collecting real time data from deep ocean.

**TARGET**
Pilot network of GPS-equipped ships enabling each vessel to act as an open-ocean tide gauge supporting Tsunami monitoring.
Supporting Tsunami Monitoring

**WHAT**

- Passive carriage of monitoring equipment on Ships
- Ships act as mobile Tsunami monitoring stations at sea
- Data automatically transfers through VSAT with very little / no human intervention
- Cost-effective way of acquiring many more observations to augment the current detection networks

**HOW**

- Ships fitted with monitoring, GPS & Comms equipment
- Once equipment is power up no monitoring needed onboard
- No impact to Ship operations
- Monitoring agency directly communicates with ship
- Support to Monitoring agencies and institutions from ship - if needed
Supporting Tsunami Monitoring

EQUIPMENT

• Independent measuring equipment with data storage and VSAT comms & GPS antenna

• Easy to Install: Once sent to vessel. Approx. One day’s work for a skilled tech crewmember on any vessel

• Data automatically transfers through VSAT, Only needs power source from ship
The Future

- Technology could be scaled and installed on a large number of ships

- Creation of a dense global observing network to support the efforts of tsunami warning centres, to provide the best possible prediction of tsunami hazard to coastal communities

- Companies such as Maersk act as role models, with the ocean fleets acting as key supporter of Disaster Response SDG’s