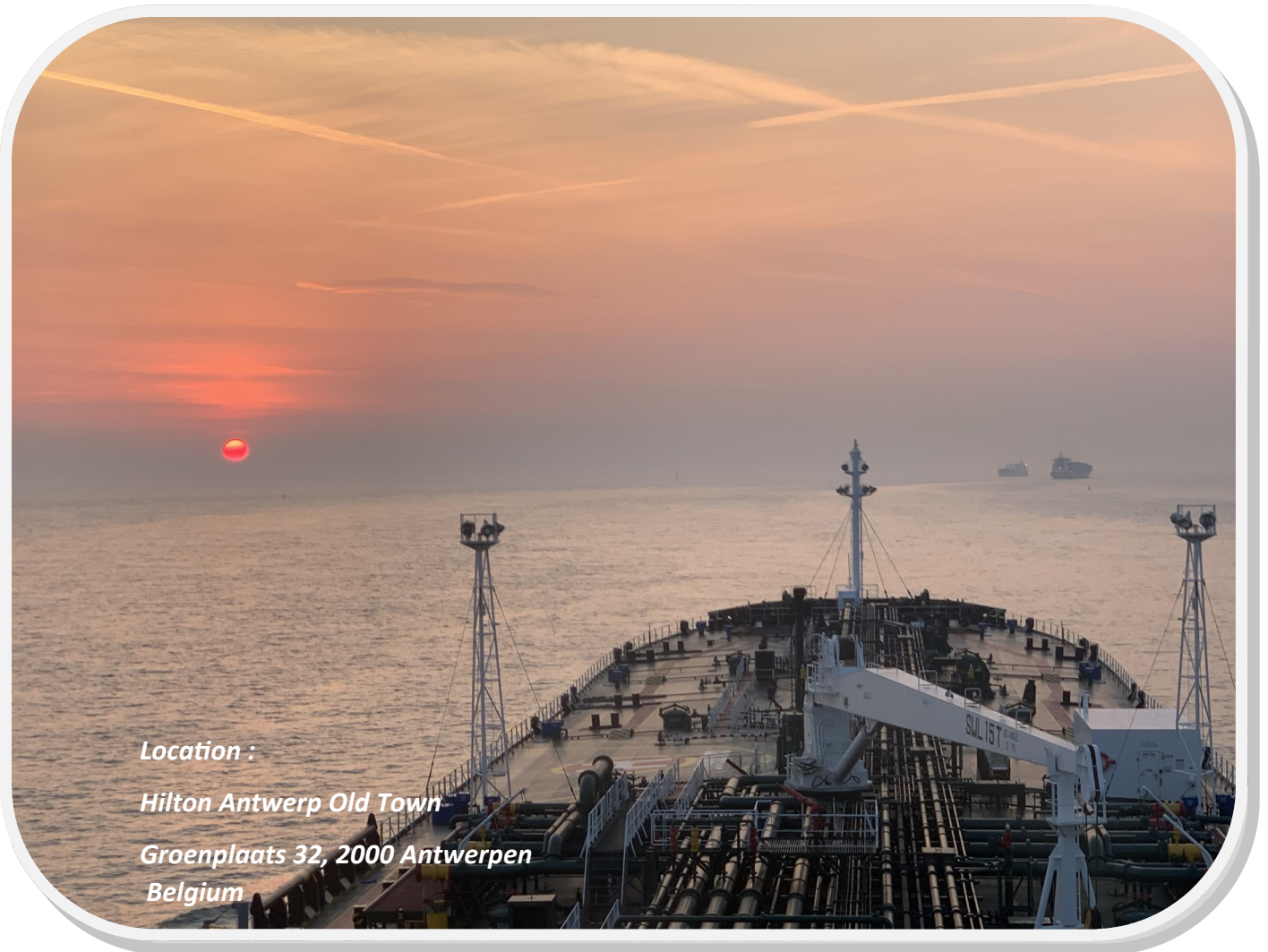


# 56th EMPA General Meeting

## Antwerp

### 27<sup>th</sup> — 28<sup>th</sup> April 2022

## EMPA Pilots addressing the Climate Emergency & Digitalisation and Cyber Threats



Location :

Hilton Antwerp Old Town

Groenplaats 32, 2000 Antwerpen

Belgium

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# 56th EMPA General Meeting

## 27th April

- 8.30-9.00 DeepSea Pilots' Committee meeting
- 8.30-9.00 Coffee
- 9.00-10.30 Opening General Meeting by Capt. Erik Dalege, EMPA President  
Prof. Kurt Bodewig, European Coordinator Motorways of the Sea  
Maja Markovčić Kostelac, Executive Director EMSA
- 10.30-11.00 Coffee
- EMPA Pilots Addressing the Climate Emergency**
- 11.00-12.00 Prof. Stefan Rahmstorf, Professor of Physics of the Oceans, University of Potsdam on climate change
- 12.00-12.30 Damien Meadows, Head of Unit, DG CLIMA, European Commission, on the transformation towards zero-emission
- 12.30-14.00 Lunch
- Actions Pilots can take in reaching the goals set by the European Green Deal**
- 14.00-14.30 Dr. Simon Berrow, Marine Biologist, Atlantic Technological University, Galway and the Irish Whale and Dolphin Group, on what Pilots can do to protect Environment
- 14.30-15.00 Hywel Pugh, Chairman UKMPA, on hybrid pilot cutter Thames
- 15.00-15.30 Coffee
- 15.30-16.15 Industry Measures: Carsten Wibel, Managing Director, Abeking & Rasmussen, on alternative fuels
- 16.15-17.15 Stakeholders Actions:  
Sotiris Raptis, Acting Secretary General, European Community Shipowners' Associations  
Anna Maria Darmanin, Secretary General, European Tugowners' Association
- 17.15-17.45 Miguel Vieira de Castro, Chairman Technical & Training Committee, EMPA Overview on measures taken by Member Associations to reduce emissions and conserve energy
- 17.45-18.15 Networking drink
- 19.00 Dinner @ Fiera

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# 56th EMPA General Meeting

## 28th April

8.00-9.00 T&T Committee Meeting  
- Arie Palmers on Pilot Transfer Arrangements

9.00-9.30 Coffee

### Digitalisation and Cyber Threats in Pilotage and the Maritime Sector

**Welcome by Capt. Erik Dalege, EMPA President**

9.30-10.15 Erwin Verstraelen, Chief Digital Information & Innovation Officer, Port of Antwerp, on APICA & Port of Antwerp Digital Twin

10.15-11.00 Edward Banks, Policy Officer, DG MOVE, on Cyber threats

11.00-11.30 Coffee

11.30-12.00 Luca Gargano, Project Officer for Maritime Security, EMSA

12.00-12.30 Dr. Kimberly Tam, Lecturer in Cyber Security, University of Plymouth, on Cyber Security in Maritime Transport

12.30-12.50 Pierre-Antoine Rochas, Marine Advisor (Safety, Security & Ports), Armateurs de France, on Cyber threats to the shipping industry

12.50-13.10 Joost Mathôt, Director Products, Damen Shipyards group, on Damen's journey to Cyber Security

13.10-14.00 Lunch

14.00-15.00 CLOSED SESSION

15.00-15.30 Coffee

15.30-17.30 CLOSED SESSION

**Closing General Meeting by Capt. Erik Dalege, EMPA President**

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