

# THREAT LANDSCAPE FROM A CRITICAL INFRASTRUCTURE OPERATOR PERSPECTIVE



Mark de Pater  
Co-chair, EM-ISAC | Cyber Security and Risk Officer Port of Rotterdam



Part of  
Rotterdam

# AGENDA

## Port of Rotterdam

Port and industrial area

Engine of the Dutch economy

Role and responsibility

## Threat landscape

Threat landscape from a port authority perspective

Desired end state

# THE PORT INDUSTRIAL COMPLEX



# PORT AND INDUSTRIAL AREA



# PORT OF ROTTERDAM: ENGINE OF THE ECONOMY

Biggest Port in Europe, 11th in the world

- Port area : **12.464 ha** (industrial: 7.966, water: 4.498 ha)
- Employment: **565.000** people (direct/indirect)
- Added Value **€63 billion** (8,2% GNP)
- Number of Companies **3.000**
- transshipment 2021: **468,7 million tons**  
**15,2 million. TEU** (containers)
- Port Depth: **75 ft (= 24 m)**
- Port visits: **28.876** Sea-going vessels  
**99.558** Inland navigation



# ROLES AND RESPONSIBILITY



# THREAT LANDSCAPE



# THREAT LANDSCAPE FOR THE PORT AUTHORITY



# THE BIGGEST RISK FOR THE PORT



One threat

of the  
port

# BUT THREAT ARE GROWING, DIGITAL AND PHYSICAL



ANTWERP

Coke gang hacked Antwerp port company, demands up to 12 years in prison

# WHAT IS OUR DESIRED END STATE



