### **ROTTERDAM AND IMO2020**



Ronald Backers 23 October 2019, IEA Joint SEQ/SOM Meeting



# We develop the port together with our customers and stakeholders.

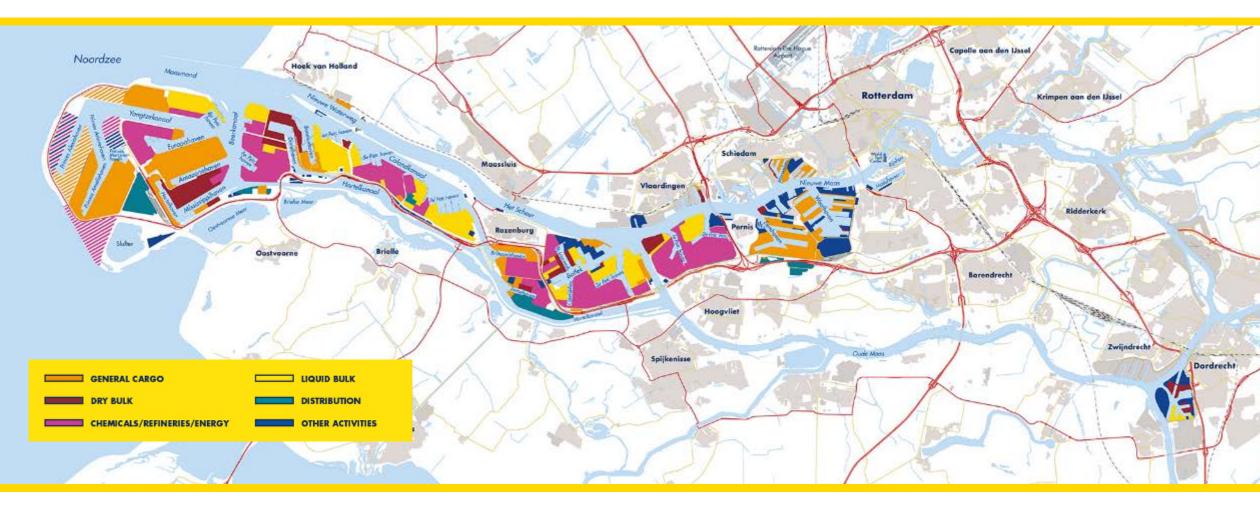
- Non-listed public ltd company
- Municipality (70%), State (30%)
- €707 million revenues (2018)
- € 408 million investments (2018)
- 1,150 staff
- Main responsiblities:
  - Development, construction and management of the port and industrial cluster
  - Efficient & safe vessel traffic management



#### Foto onderschrift



### The port and industrial area is divers, stretched out over 40 km and has expanded westward over the years.





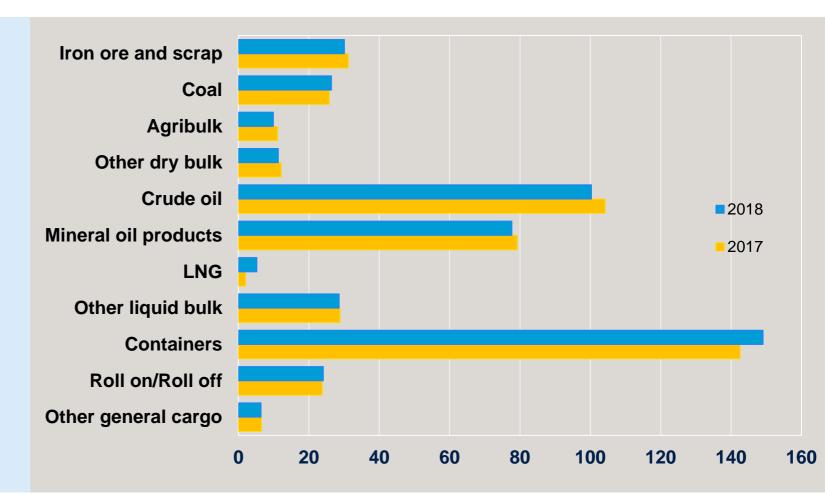
# Liquid bulk is 45% of throughput of 469 million ton (2018).

Crude oil: 100.3 million ton

**Oil products: 77.7 million ton** 

LNG: 5.2 million ton

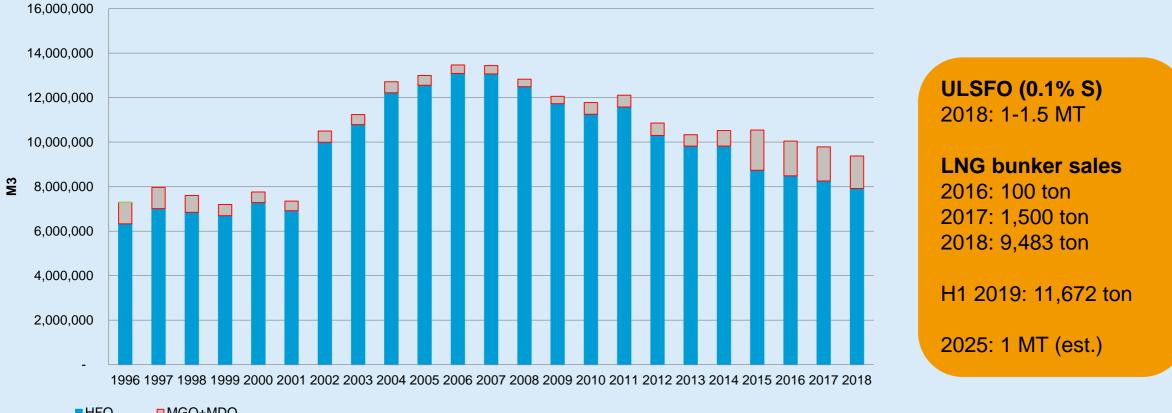
Other Liquid Bulk: 28.6 million ton (chemicals, vegoils, biofuels, orange juice)





### **Rotterdam Bunker Port**

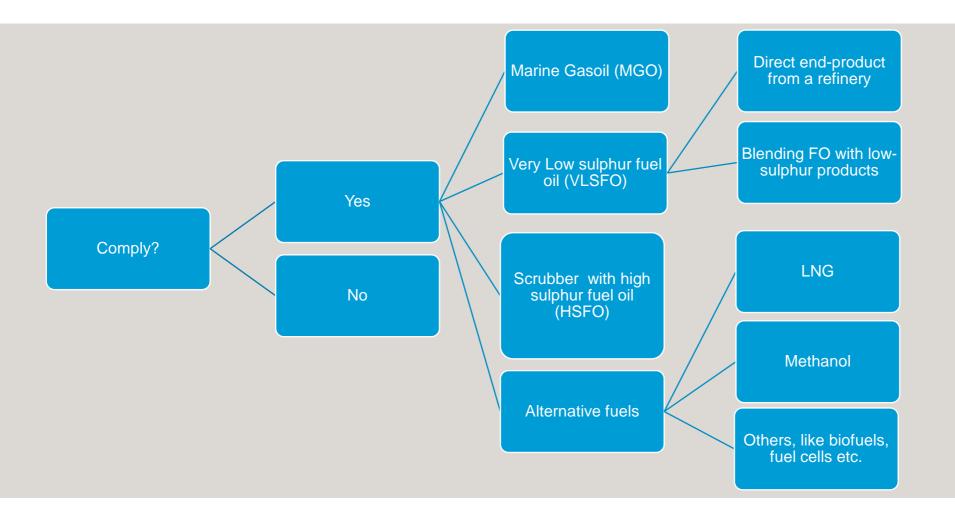
### Sales slowly decreasing because of efficiency of vessels LNG sales increasing



#### **Bunker sales Rotterdam**

HFO MGO+MDO

# A shipping line and bunker buyer has several options to comply to the 0.5% cap as of 2020.





### Many refiners announced they will produce VLSFO and terminals have cleaned HSFO tanks

Singapore's September LSMGO, LSFO sales rise Sales of marine fuels from Singapore port in September totalled 3.9mn t, up by 230,000 from August but down by 214,000t from September last year. Filter: Ol products Asie-Pacific	Pertamina to compete in Singapore bunkers market Indonesia's state-owned Pertamina intends to start supplying the Singapore and wider southeest Asia bunkers market. Filter: Oil products Asia-Pacific	Panama o.spc sulphur fuel oil   faces Brazil challenge   Fuel oil with 0.5pc sulphur content in   import-dependent Panama is carrying a   substantial premium to ports in Brazil, which   could lead to changing buying habits.   Filter:   Oil products Latin America and Caribbean
Prax adds bunker barge in preparation IMO 2020 UK-based fuel supplier Prax has chartered a bunker barge for low-sulphur marine fuels in preparation for the new sulphur cap from January 2020. Filter: Dil products Europe	ExxonMobil starts IMO fuel supply in ARA and Singapore ExxonMobil is supplying 0.5pc sulphur marine fuel oil in the Amsterdam- Ratterdam-Antwerp (ARA) hub and in Singapore. Filter: Oil products Asia-Pacific Europe	Monjasa delivers first VLSFO cargo to Cartagena Danish bunker supplier Monjasa said that it delivered a cargo of very low sulphur fuel oil (VLSFO) to Cartagena, Colombia, this month, its first VLSFO shipment in South America. Filter: Ol products Latin America and Caribbean North America
Petrol Ofisi delivers IMO- compliant fuel in Istanbul   Turkish oil product supplier Petrol Ofisi has delivered IMO-compliant 0.5pc sulphur fuel oil in Istanbul for the first time.   Filter:   Ol products Europe	Scandinavian suppliers offer o.spc marine fuel Marine fuel oil with 0.5pc sulphur is available from several suppliers in Denmark and Sweden, and more firms will enter the market by the middle of this month. Filter: Oil products Europe	Bunker barge loadings resume in Piraeus Greek refining company Hellenic Petroleum has resumed loading marine high-sulphur fuel oil (HSFO) onto bunker barges in the port of Piraeus, after a week without loadings. Filter: Oil products Europe



### VPS sees 39 ports that have supply of VLSFO

- Compliant and fit-for-purpose fuels
- Planned and effective fuel management is needed
- Stability, compatibility and catfines (AI+Si) need to be taken in consideration when buying in several locations
- Sediment and waxing require monitoring with storage and handling

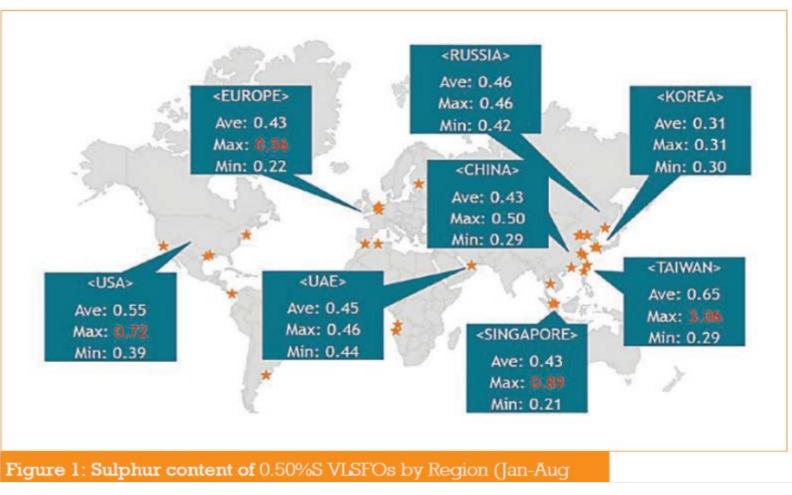




Figure with the courtesy of VPS, "All-in the mix", Bunkerspot Volume 16 number 5 www.v-p-s.com







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