

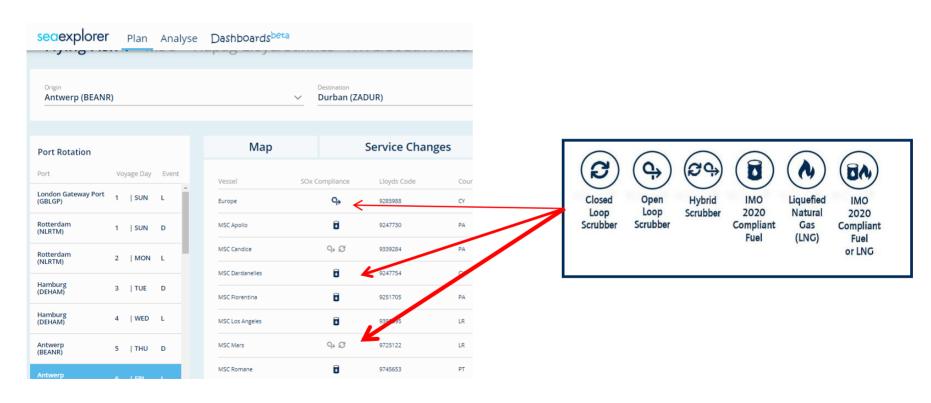
IMO 2020

Entering a New Energy Environment

IMO 2020 Sulphur (SOX) compliance



Shown on seaexplorer.com



IMO 2020 - Cost

Consumption Factors

- Distance x Consumption
- More transparent approach to deal with huge cost impact
- Shippers able to retrace their fuel bill on a TEU level
- Plausibility:
 - CO2 reporting / backward calculations
 - Mandatory filings as IMO DCS



SAF until contracts expirel

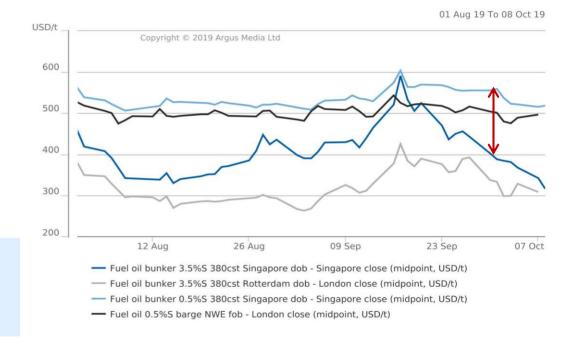
Price volatility

Not only due to IMO 2020

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- Geopolitical woes
- Actions of OPEC
- Supply / demand due to global economic development

→ 30% to 40% volatility



Secured Energy Plan

KN Risk Management Solution





Security and predictability for budgeting



Accurate calculation / prediction of costs for future shipments



Effective management of fuel cost volatility

- Total energy exposure can be calculated on TEU level (Trade Factors)
- Mitigated financial risks from energy price volatility

