

Your promise. Delivered.

Slush 2016

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FLEET OPTIMISATION AND DIGITISATION IN MAERSK LINE

The History

+ 30 years

- Long history of data collection and performance monitoring

+ 900 ships

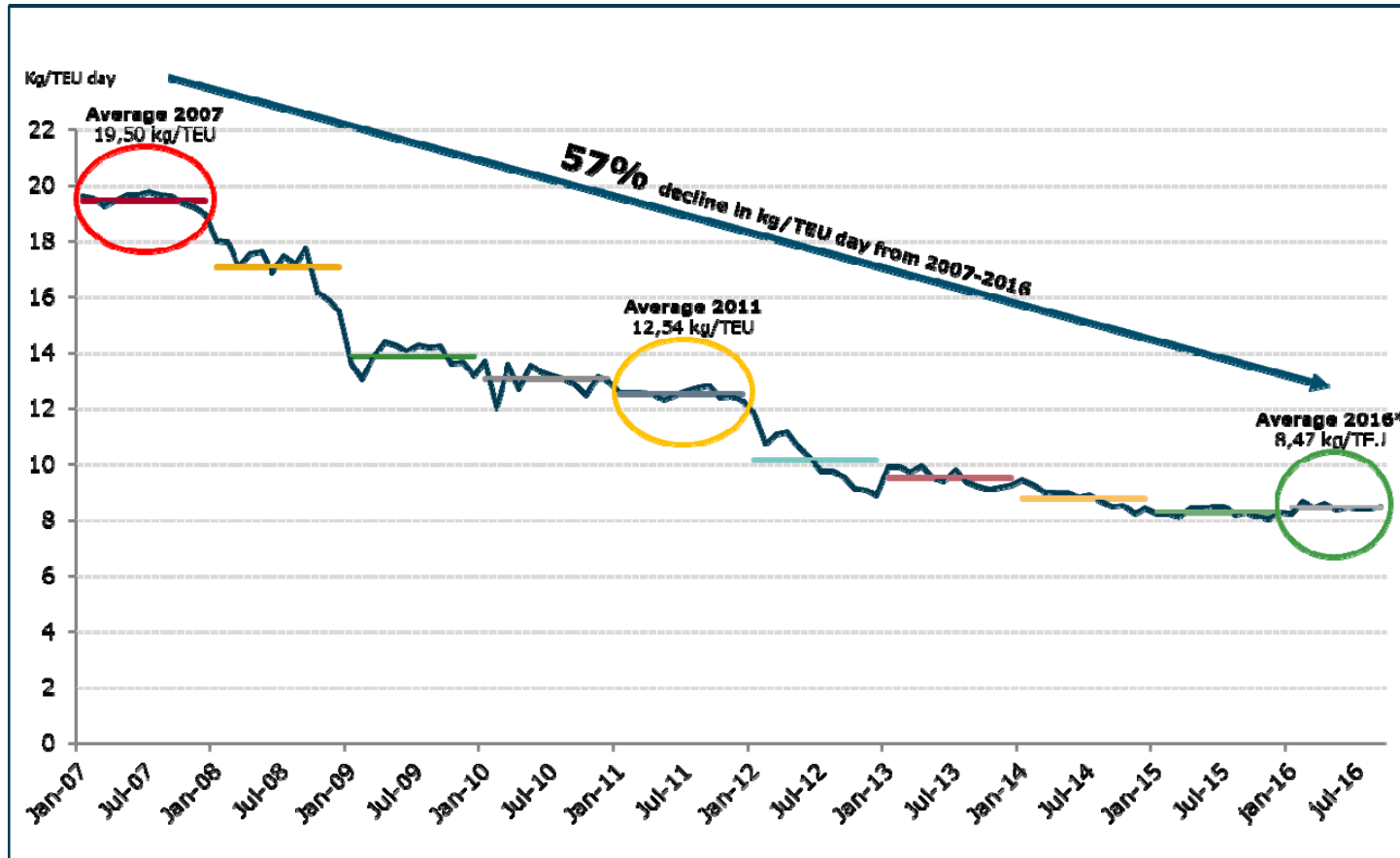
- Large and diverse fleet composition across the APMM group through time

Endless

- Amount of technical data collected and analysed for optimized operations











Bunker efficiency development



* 2016 based on Jan-Sep bunker efficiency data

Your promise. Delivered.

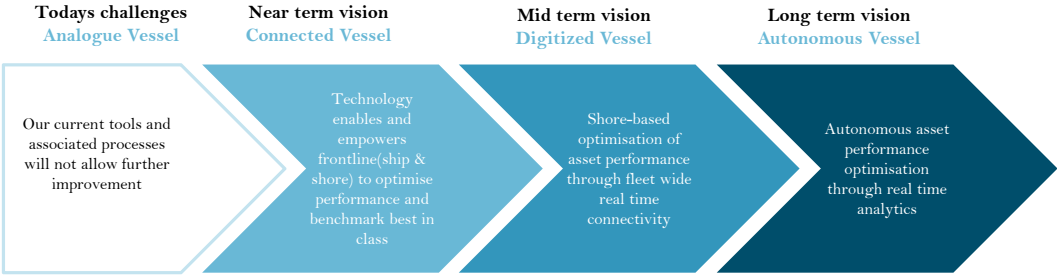
The challenge

	Today	Tomorrow
DATA AVAILABILITY	24h Different versions of the truth 	Live >10 min Shared Reality 
REALIABILITY	Manual reporting prone to errors 	Automated & digitized 
ANALYSIS	Reactive analysis based on past data 	Proactive performance management based on real-time information 
VISUALISATION	Scorecards shared 3 rd week following month 	Standard operating system enabled by live data & digitized solution 

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The solution - Connected Vessel

The Connected Vessel delivers the near-term-vision and enables the future



CONNECTED VESSEL

The technology and transparency you need to take your performance to the next level



AUTOMATICALLY COLLECTED PERFORMANCE DATA



REAL TIME VIEW ON BUNKER CONSUMPTION & PORT STAY EVENTS



ALIGNED SHIP-SHORE OPERATING SYSTEM



SHARED VIEW



SHIP & SHORE



BUNKER SAVINGS



PROCESS OPTIMISATION



IT FIT FOR FUTURE

REMOTE CONTAINER MANAGEMENT

*Live on
May 1st.
2015*

+250,000
reefers equipped with a
**REMOTE CONTAINER
DEVICE AND ANTENNA**



The RCM solution consists of:



1 GPS unit
tracks container
position on land/sea

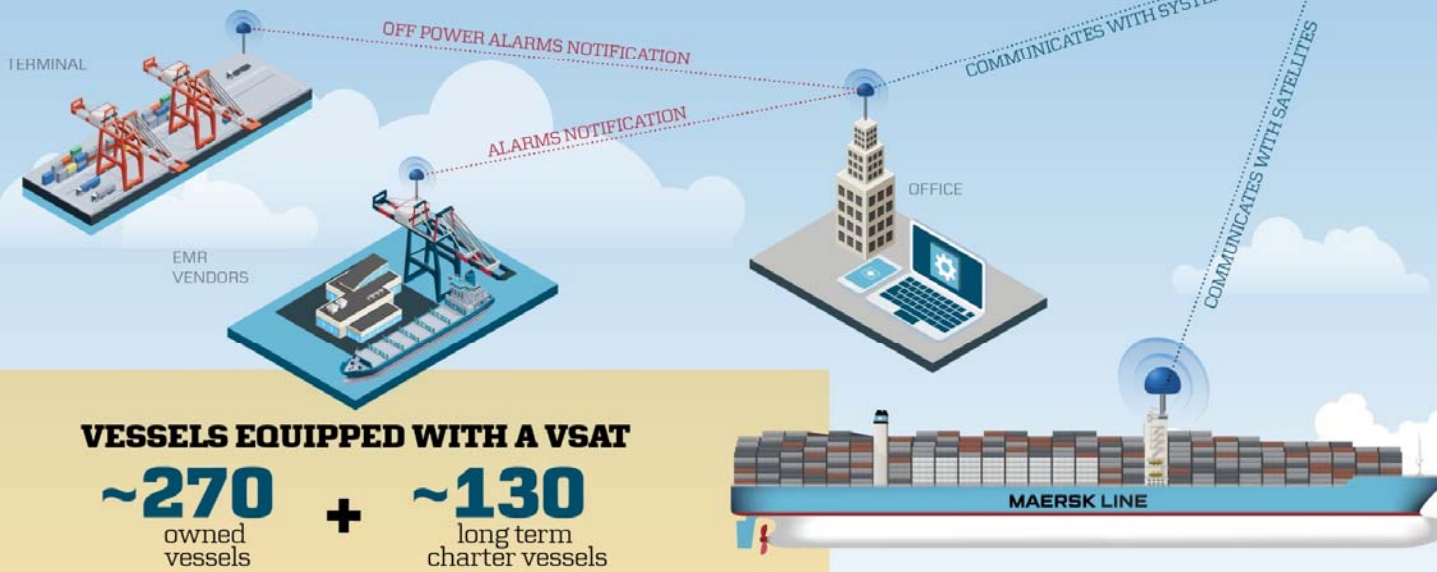


1 3G high
temperature
SIM card
communicates reefer
stats and data through
GSM to and from central
IT system



2 GSM
antennae
communicate with
the RCD and the satellite

REMOTE CONTAINER MANAGEMENT



VESSELS EQUIPPED WITH A VSAT

~270 owned vessels + **~130** long term charter vessels

Your promise. Delivered.

THANK YOU

