

# Less is more

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With great power  
comes great  
electricity bill.



# Fleet of Tallink

1 500 000 000 €



- 12 vessels in main operations
  - 2 new generation fast ferries + 1 in 2017
  - 8 cruise ferries
  - 2 cargo ships
- 4 vessels chartered to Australia, Canada, Germany

# Going beyond the regulations

- The principles of environmental protection are integrated into the company`s main strategy
- Zero spill policy, decreasing the emissions and waste production (recycling)
- The ships are operated according to the voluntary international environmental certificate ISO 14001:2004 principles and goals
- The company is preferring environmentally aware cooperation partners

# 2 in 1

By aiming to decrease the quantity of harmful substances in the air emissions ...

...we cut the fuel consumption and the costs



# How?

- Low sulphur content fuels in SECA-s\* from 2015
- Fuel supplements, other chemical/methodological solutions
- Smart solutions

\* SECA = sulphur emission control area



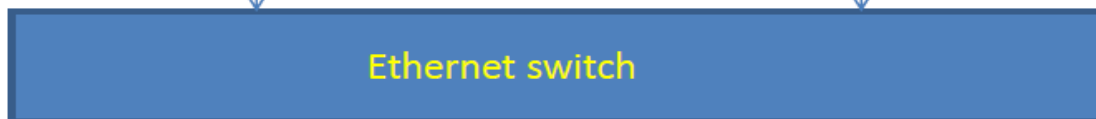
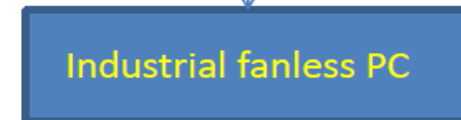
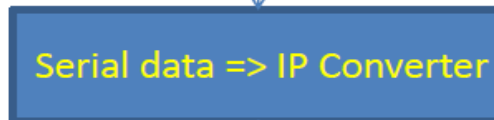
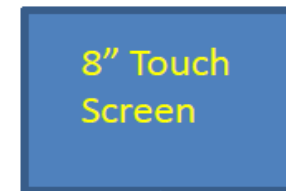
# Real time fuel consumption monitoring application

Flowmeter  
(ME1 & ME2)

Flowmeter  
(ME3 & ME4)

SAAB

HMI



# Application features

Current fuel consumption kg/NM

Night/Day display illumination



Current total fuel consumption kg

Current position and speed

Current date and time

Reached Leg position

Leg Settings

Name	Sample Leg 4	Add
Latitude	59,876 N	Edit
Longitude	20,876 E	Delete
Window	3	Cancel

Sample Leg 1 LAT 60.123N LON 22.123E WIN 2  
Sample Leg 2 LAT 60.456N LON 22.456E WIN 3

## Leg Settings

- Leg name
- Position
- Window (perimeter)
- Saved Leg in database

## Additional features

- Daily report to selected e-mail account(s)
- Monthly report to selected e-mail account(s)
- Custom report to selected e-mail account(s) on request (option)



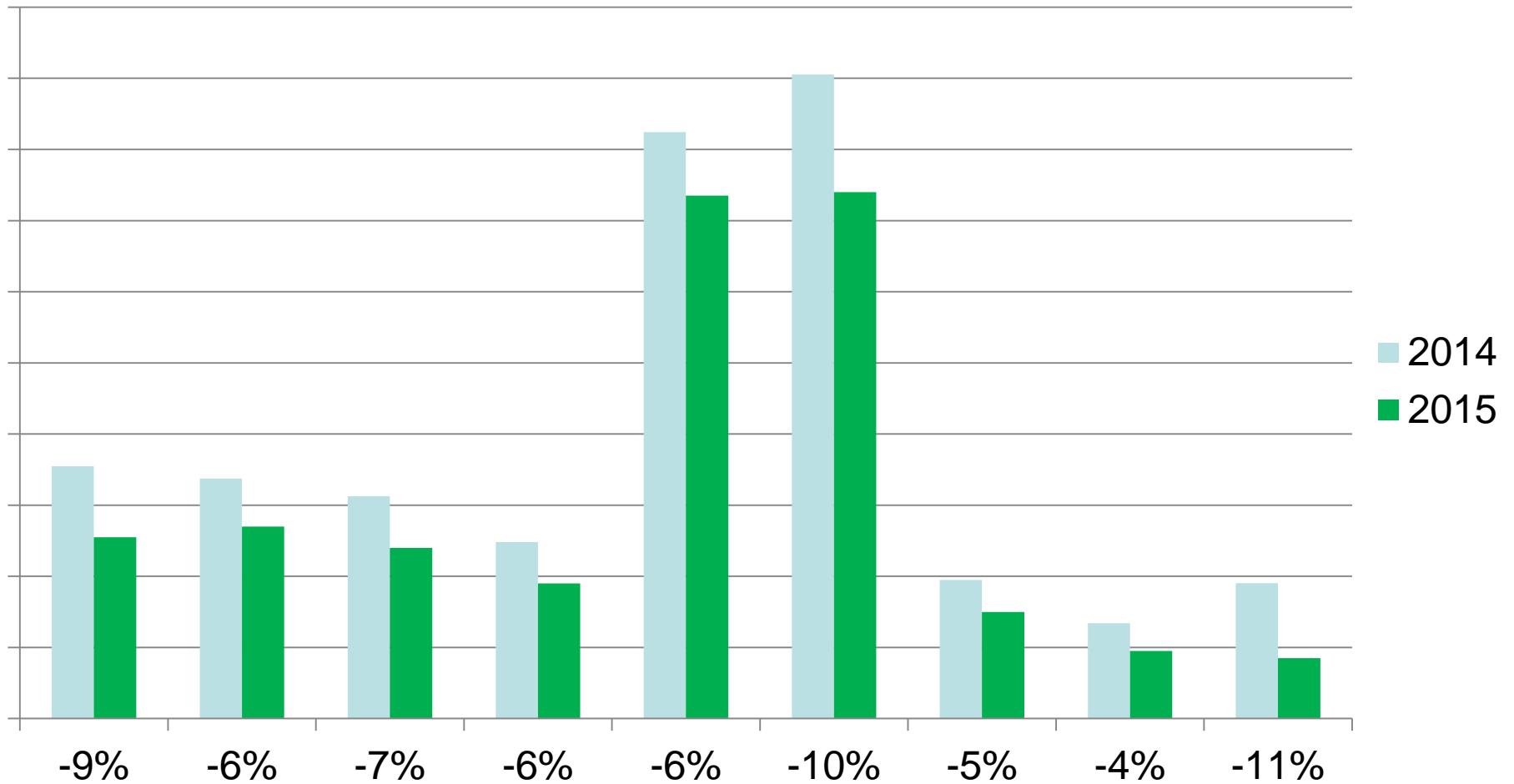
# Captains & smart solutions

*Video: Captain Roland Lemendik:*

*Tallink focuse on energy efficient operations*



# Down by 6% in average



Fleet 2014 average versus 2015 average fuel consumption kg per nm

# Thank you!



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