



2nd Ecotankers conference 2015



# Theme of today.

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## The low hanging fruits





# Speaker

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## **Stig Holm**

General Manager

Business development and projects

- Marine engineer
- Sea service, Service technician, S'int, Project manager, Quality manager, Technical Director

EAC, Trawlers, Lyngsø, Lauritzen, DFDS, Amer, Yardimci, Erria, Dannebrog



# History

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## The low hanging fruits

- What has happen since Oct 2014?
- Some of the previous low hanging fruits will be high hanging .....





# Oil prices

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What will be the impact of low oil prices?

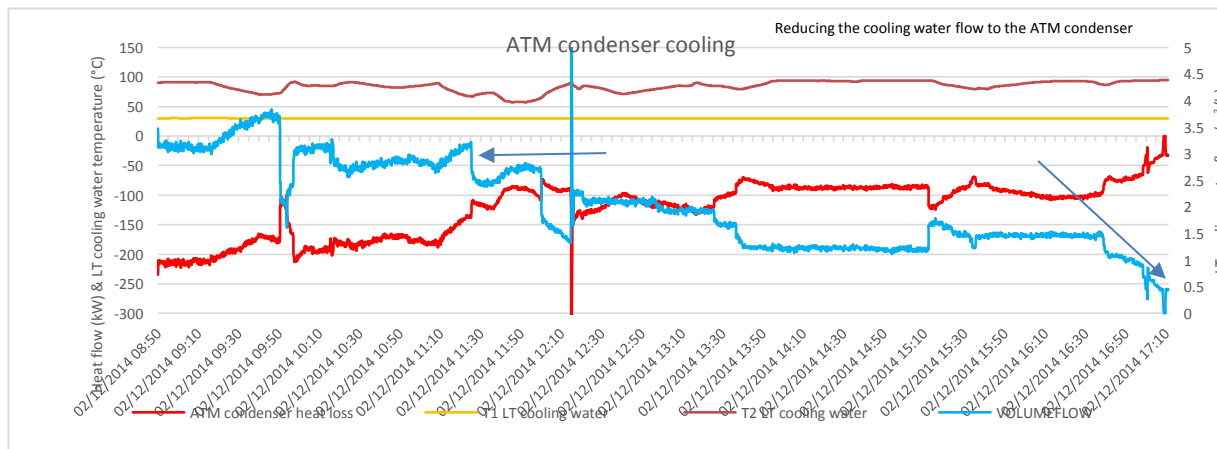
- More focus on existing installation
- Stronger focus on daily monitoring
- Education of the crew
- Less high end solutions
- Less competitive impact of the new generation of ECO vessels



# Existing installation

## Potential savings, examples from the real life/ TechConsult!

Leaking stream traps:  
20-80 kW, equal to  
Usd 48-192/day or  
Usd 17520-70080/year





# Existing installation

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## Potential savings, examples from the real life/ TechConsult!

ME LO pumps running during port stays:  
65 kW, equal to Usd 156/ day or app Usd 14.000/ year





# Existing installation

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## Potential savings, examples from the real life/ TechConsult!

Bunker tanks, un-necessary heating:  
450 MT, 30 L FO/h, equal to Usd 500/day







# Energy Data Acquisition template (EDA)

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## Energy Data Acquisition template (EDA)

- A project support by "Den Danske Maritime Fond"
- A joint project between Danske Maritime, TechConsult, ForceTechnology and Thome
- What is the purpose?



# Summery

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## Energy Management in the future!

- Energy management as an integrated part of Planned Maintenance
- Internal training of the Engine crew to be Energy Saving Experts
- More sofiticated measuring equipement onboard
- Support from shore based experts

