



## Myself

- Energy efficiency manager, TMA.
- Set(ting) up the department, One year, and counting
- As GM, Sr SI Hamburg
- GM Vessel performance team-Mumbai
- SI , Singapore
- Chiefengineer , big containers



## My company

- A bulk pool by owners, for owners.
- Greek and German owners.
- A relatively new pool
- Management with vast experience in commercial operations
- the only pool with an intense focus on energy and environment and an efficiency department.

## Vessel efficiency department

- *Fuel?*
- *Speed/time?*
- *Route?*
- *Bunkering when/where?*
- *Cargo lift ?*
- *Post voyage*

# Performance department- A profit centre

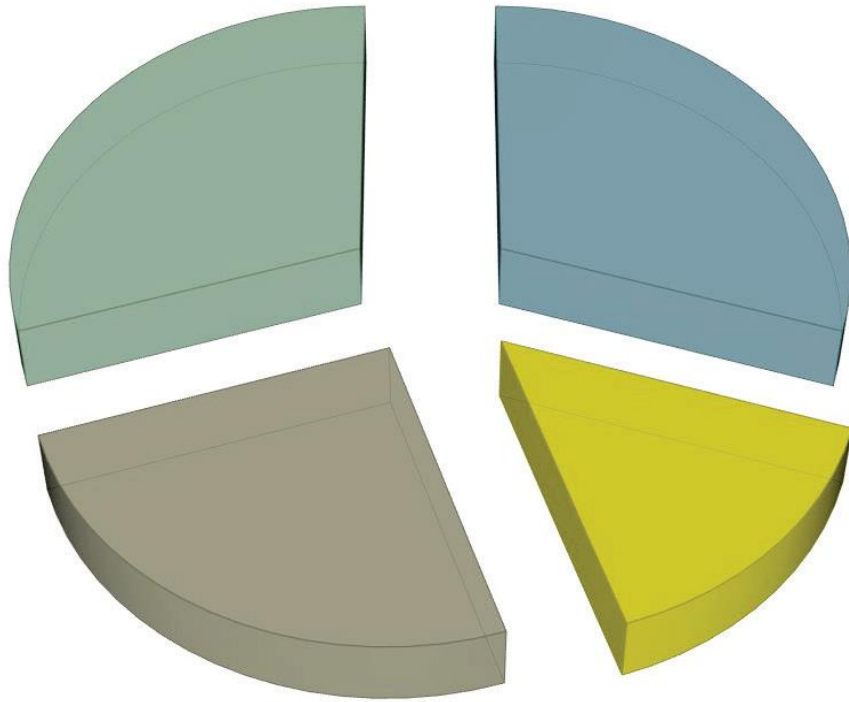
# *What to do first?*

- Data ? Understand the uniqueness of your operations.
- Waste calculations
- Charterer, commercial operator, owner etc
- Where to look?



*-Break it up, with your data*

*-connect them all ,make it comprehensive*



- *How do we do at TMA-*
- 1. On time arrival-
- 2. Cargo optimisation-
- 3. Route optimisation
- 4. Technical-
- 5. Port optimisation -
- 6. Hull and Cost optimisation-
- 7. Claims-

# *Constant Power*

*It is not constant rpm or speed*

# On time, is the Green.

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## Performance Management Tasks

### Daily

#### Daily

- Daily Monitoring of consumption, with regards to voyage performance, Aux engine load/SFOC, boiler usage and consumption and other high energy consumption priorities
- Discuss with other stake holders on daily basis.
- Reporting errors and correction
- Develop daily action plan
- Confirm reports
- Engage with the vessels
- Main engine speed tests evaluation

### Weekly

#### Weekly

- Weekly dash board directions
- Stake holder meeting
- Weekly movement of KPI and lead indicators
- Bunker off set reports
- Investigation on poor performing vessels, execute actions to improve the same
- Port optimisation tracking
- Planning UWC after analysing the vessel performance.

### Monthly

- Reports, post voyage and analysis
- Publication of Monthly KPI updates
- Vessel Visits
- Discuss with Chartering regarding performance of the vessels as and when required.

# The team composition



*We at TMA, what we do now, and we will do!!!*



*Thankyou*