



Qenos

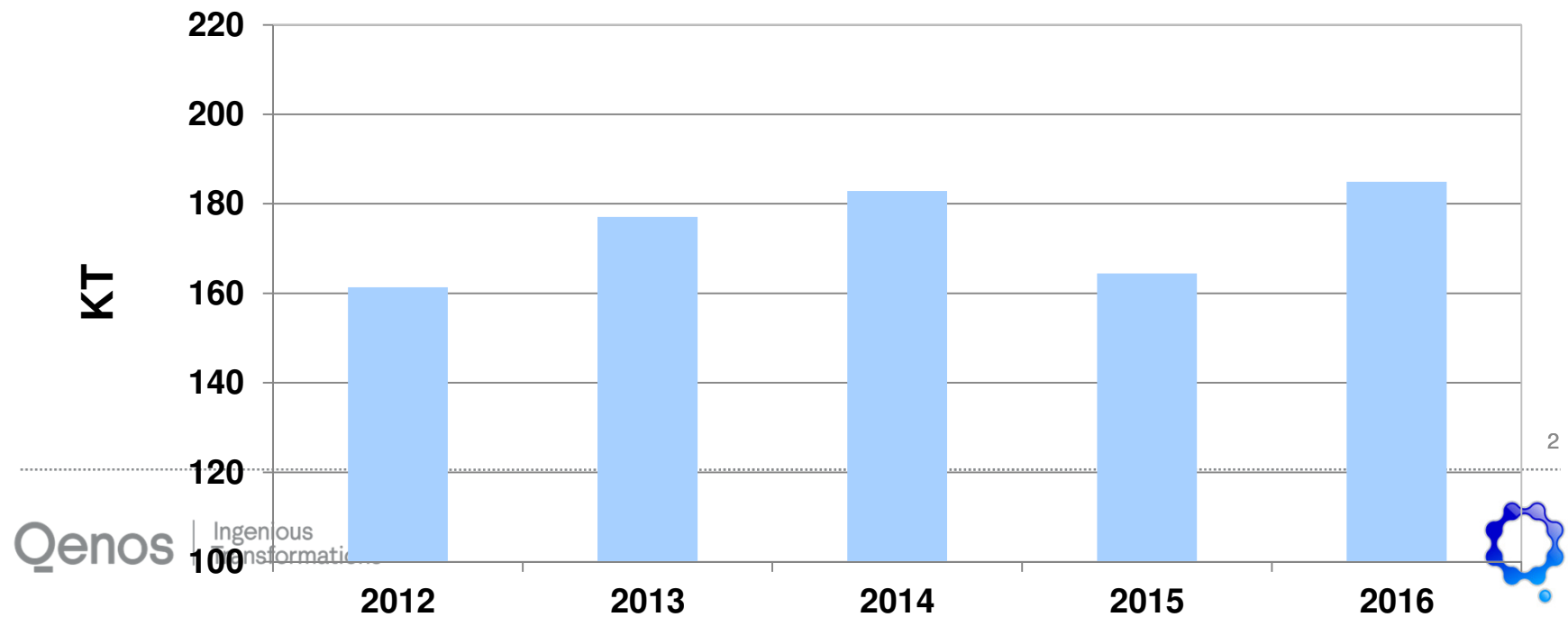
# 2016 Performance Trends

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20/03/2017



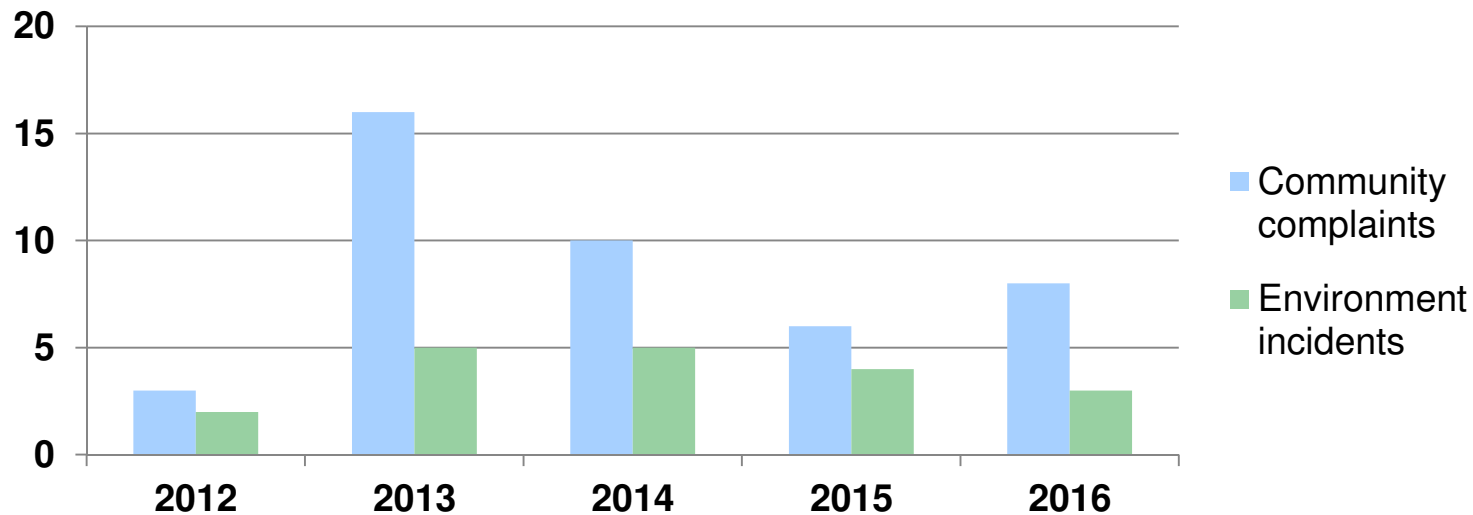
# Polyethylene production

- Production at 95% of plan



# Environment trends

- Two complaint for Olefins flare noise. (January and February)
- Four complaints for Effluent plant odour (February to May)
- Three non compliances
  - Styrene @ 2.6ppm in effluent (January)
  - Overflows to stormwater during storm (January)
  - PFAS confirmed in groundwater (December)

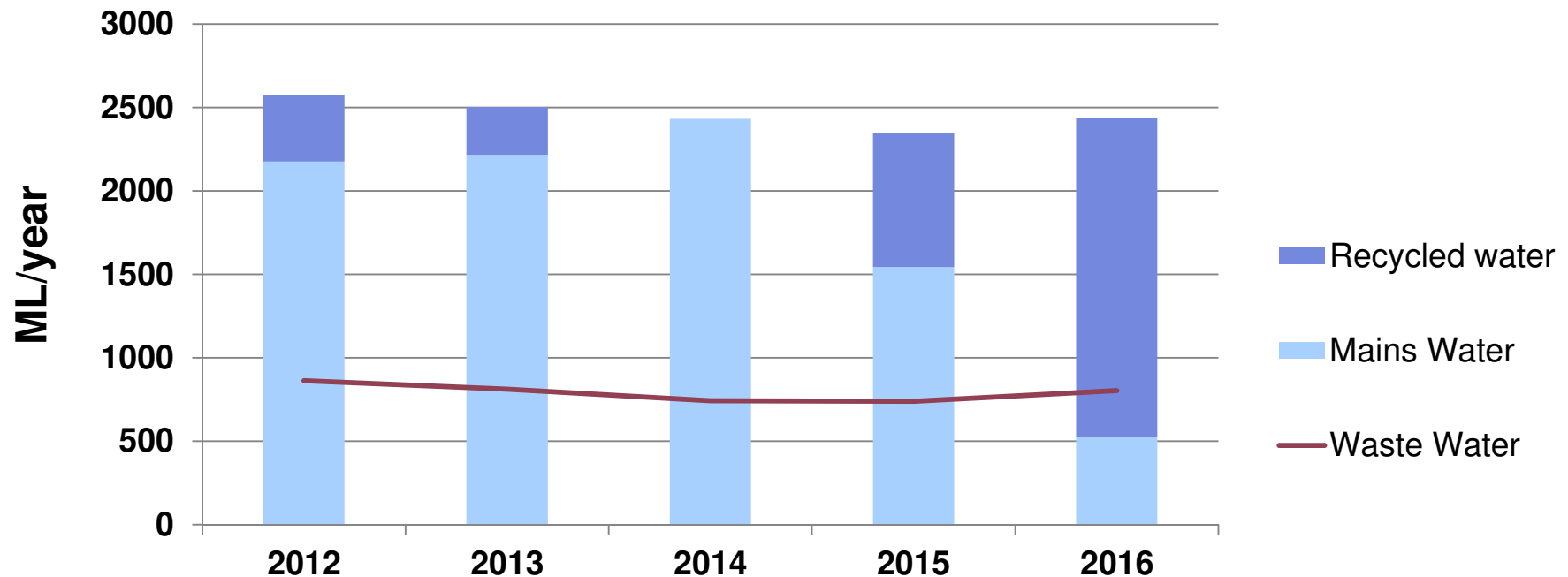


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# Water Usages

- Olefins plant using 98.5% recycled water.
- Resins reuse reduced during waste water pond re lining

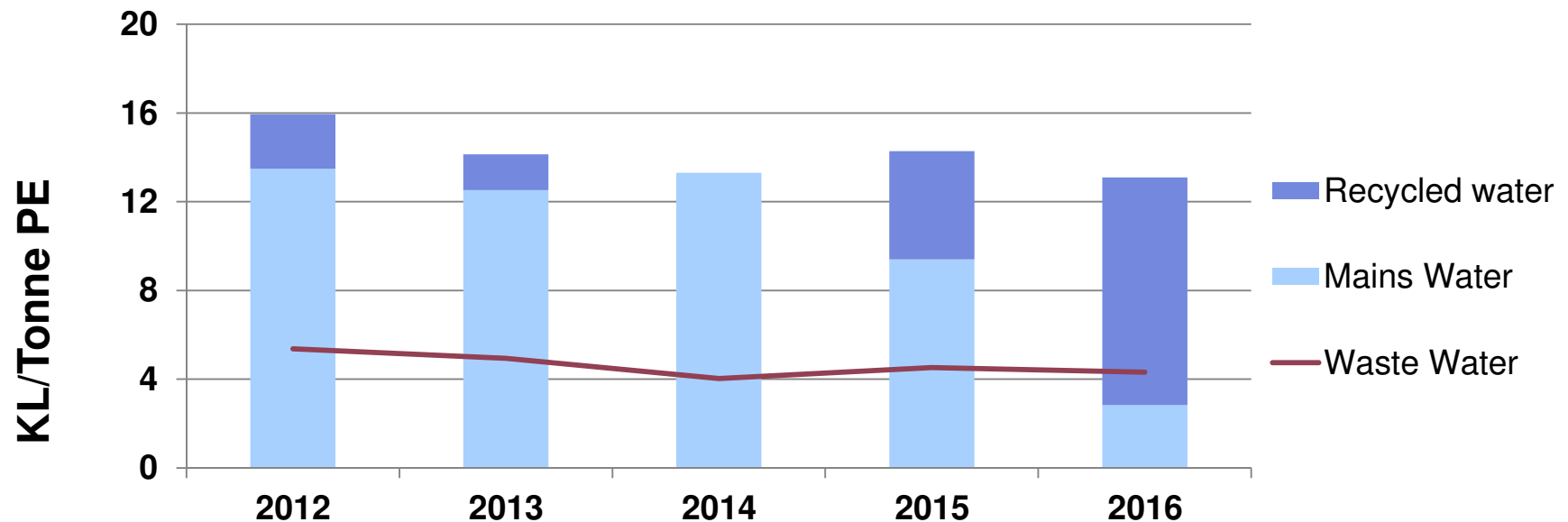


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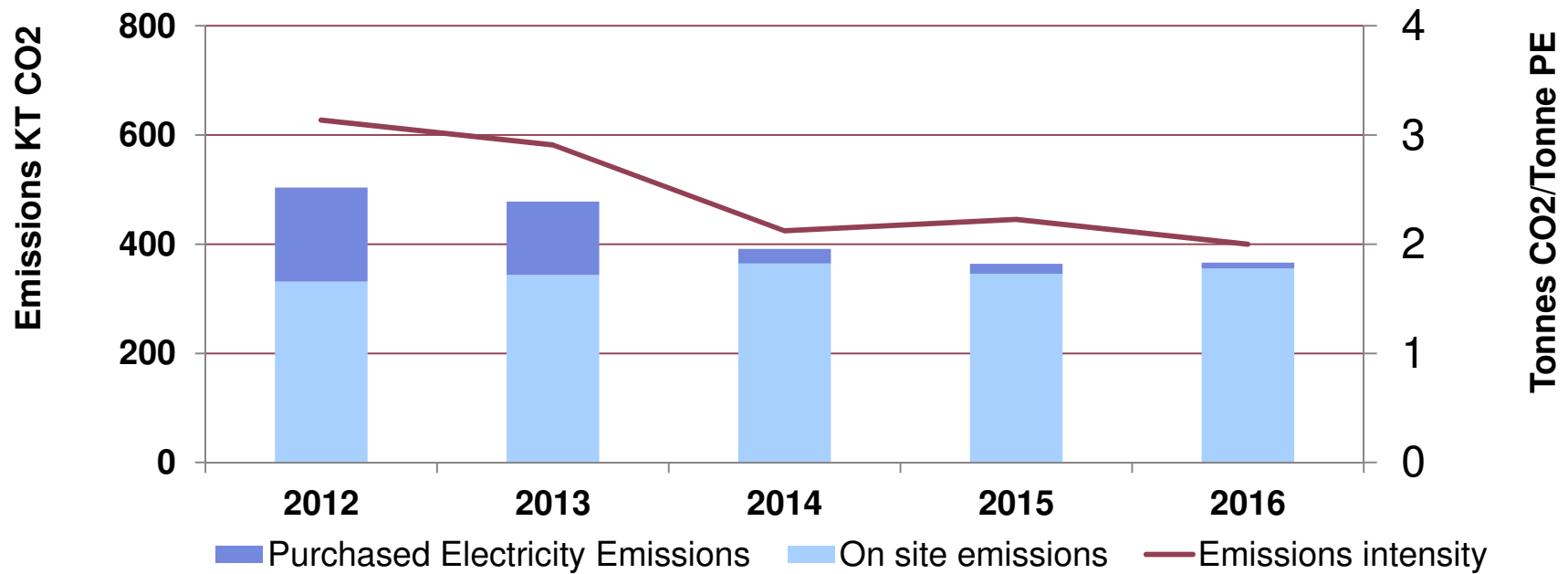
# Water Efficiency

- Olefins used 93% recycled water in 2016.
- Efficiency gain with increased production.



# Greenhouse Gas Emissions

- Emissions and efficiency reduced due to lower production.



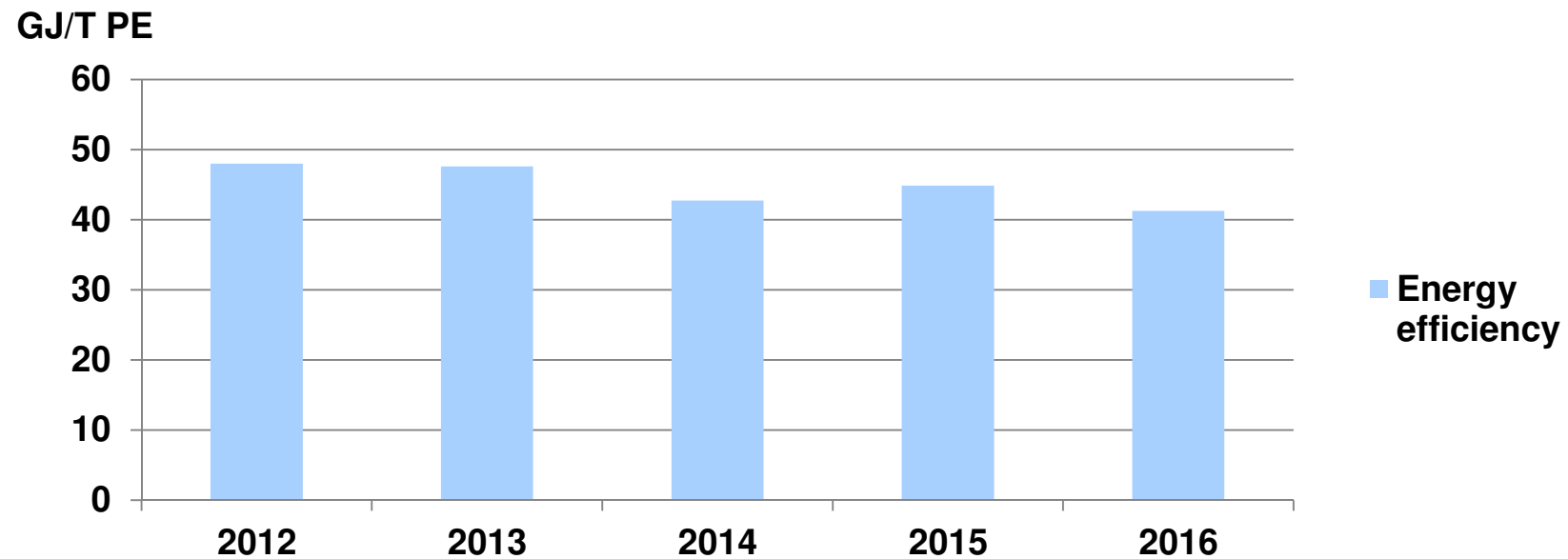
Financial year 6



# Energy Efficiency

- Higher production improved efficiency

## Energy efficiency

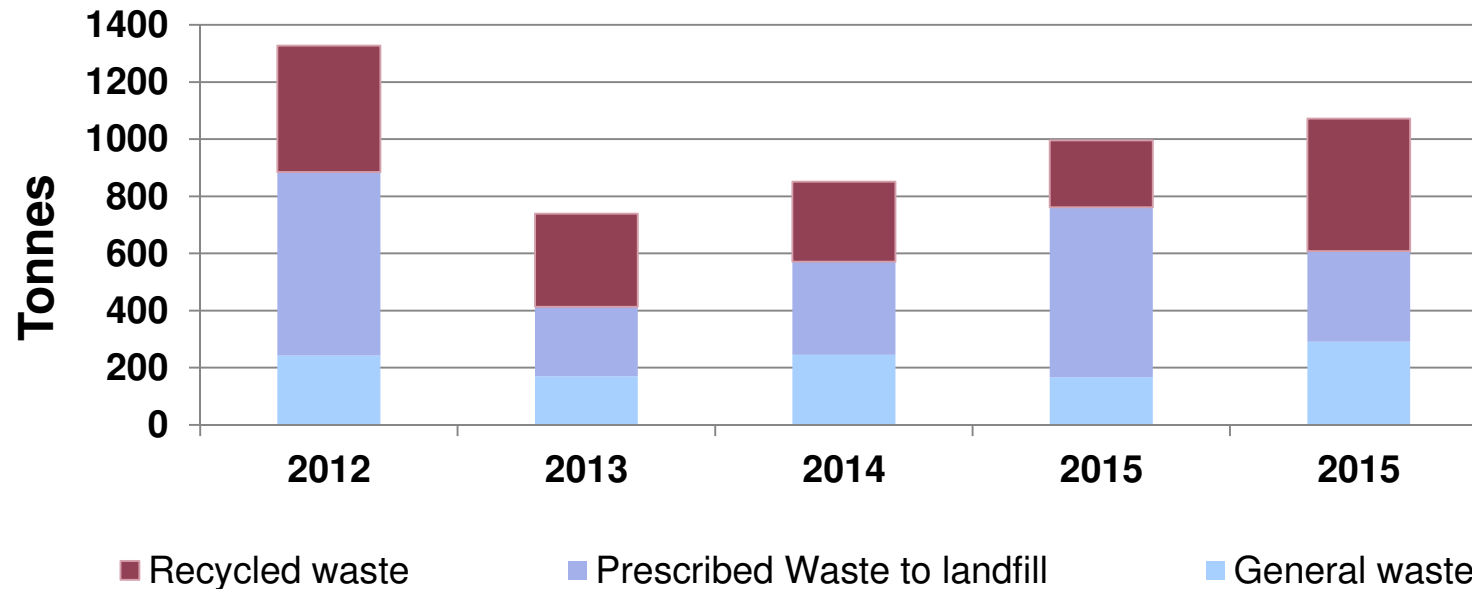


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# Waste

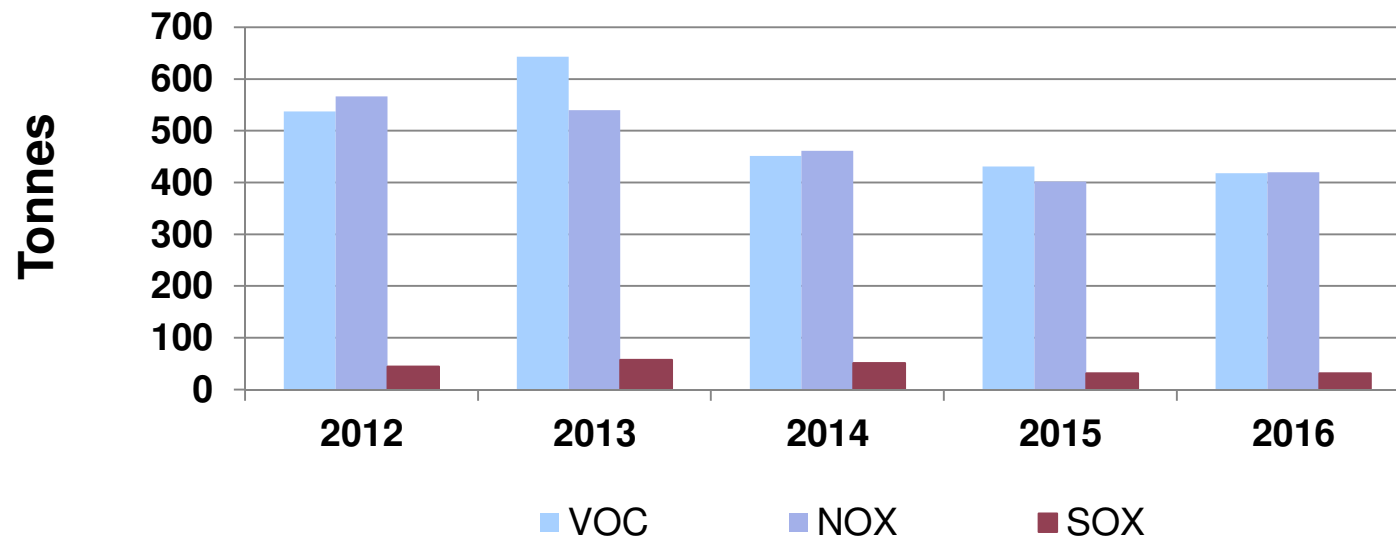
- Tar tank clean
  - 197 tonnes recycled, energy recovered
  - 38 tonnes to landfill.
- Waste data collection streamlined and improved.





# Emissions

- Higher production slight increase in fired emissions of SOX and NOX

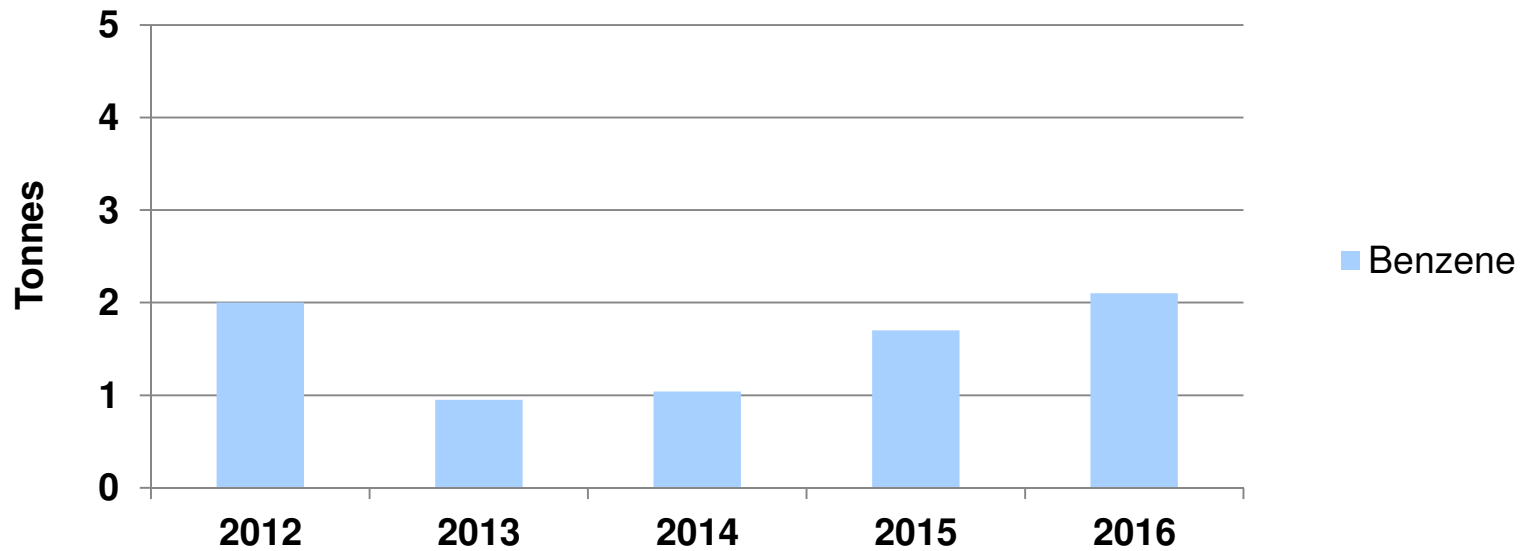


Financial year 9



# Emissions

- Fugitive emission increased from valves.
  - 2017 focus to reduce again.
  - Licence limit reduced from 10 t to 5 t in 2016 in 2016 licence update.



Financial year 10

