Creating Sustainable Powertrain Solutions

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Introduction

Over 30 years NPS Diesel is the official distributor of various brands that find their way to industrial and maritime applications via NPS Diesel:

A strong focus of sustainability / emission reduction

- Xeamos After treatment Solutions
- DAF IWW Stage V approval
- H2-ICE Demonstrator project
- IODA Machine to Machine In Use Emission monitoring
Business Units

**Engine applications**
- Industry
- Non-road
- Marine
- Gensets

**Innovation**
- Exhaust After Treatment
- Variable speed genset
- Hybrid
- Machine to Machine

**Service & Support**
- Service
- Spare Parts
- NPS Academy
Reasons for considering H2 for Internal Combustion Engines:

1. Electrification mobile machinery
2. On site / mobile electrical power demand
3. Growing demand for sustainable (mobile) power solutions
4. Robust and efficient power solution
The Platform: DAF Paccar MX 11

Start development 2020
Field endurance testing 2022
Applications for
H2 Internal Combustion Engine:

1. Smart grid solutions
2. Current on site power gensets
Applications in shipping:

1. Inland Shipping
2. Near Shore power demand
Conclusions

1. Robust sustainable power solution
2. Low TCO
3. Non complex technology
4. Fast time to market
5. H2 infrastructure required
Thank You!

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