



Creating Sustainable Powertrain Solutions

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16-04-20



NPS Diesel

Your Power, Our Drive !

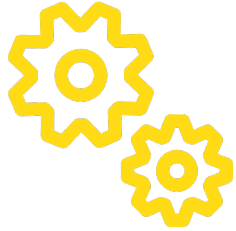
Introduction

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

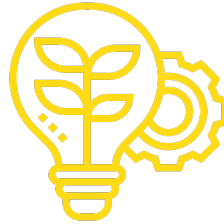
- *Xeamos After treatment Solutions*
- *DAF IWW Stage V approval*
- *H2-ICE Demonstrator project*
- *IODA Machine to Machine In Use Emission monitoring*

Business Units



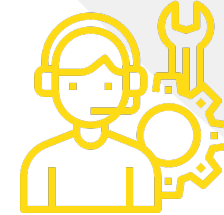
Engine applications

- › Industry
- › Non-road
- › Marine
- › Gensets



Innovation

- › Exhaust After Treatment
- › Variable speed genset
- › Hybrid
- › Machine to Machine



Service & Support

- › Service
- › Spare Parts
- › NPS Academy

DAF

DOOSAN

XEAMOS

Sinocox

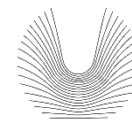


IODA



JOHN DEERE

ZENORO



nammi
ENERGY IN BLUE

 **NPS Diesel**
Engine Applications

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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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