

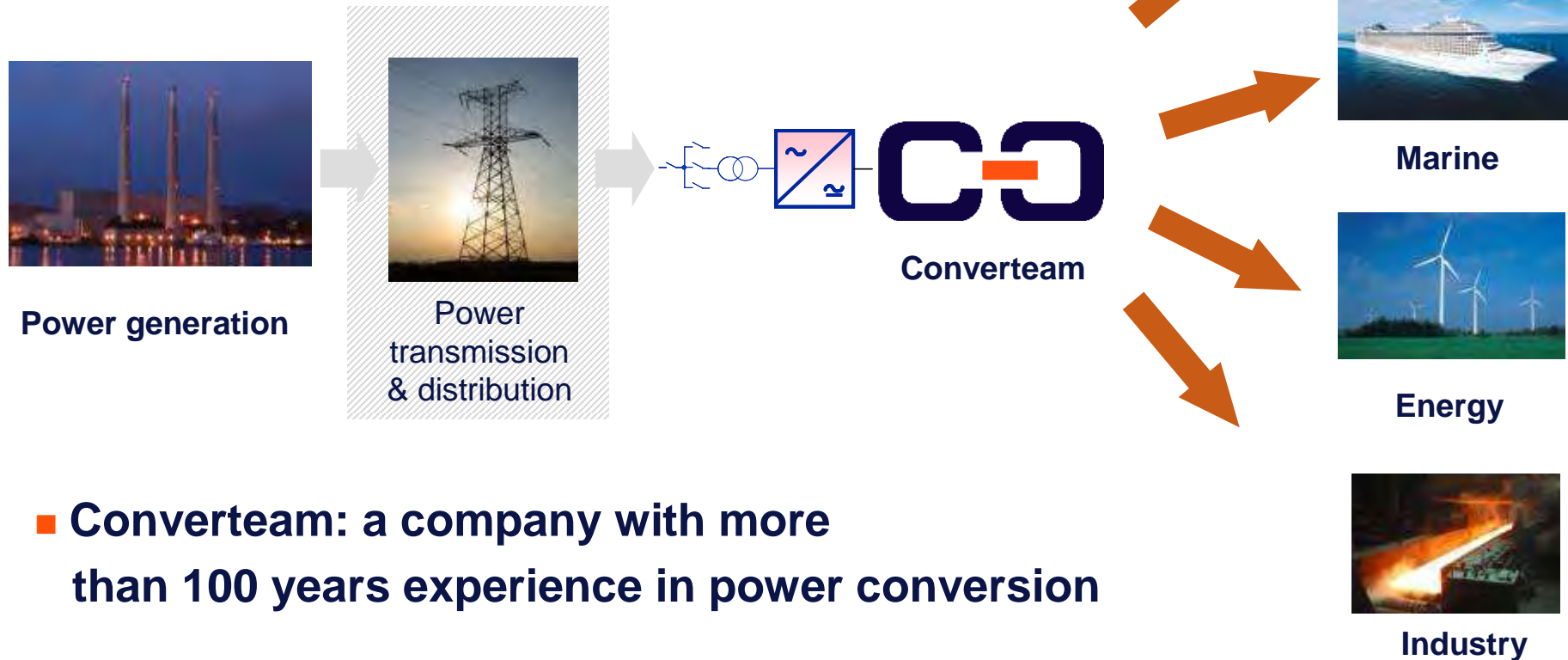


Propulsion systems to improve
vessel performance

June 2010 / Maritech

CONVERTTEAM
THE POWER CONVERSION COMPANY

- Converteam is an engineering company providing customized solutions and systems converting electrical energy into productive performance



- Converteam: a company with more than 100 years experience in power conversion

CONVERTEAM IN MARINE MARKET



High Torque Density Induction Motor

Propulsion Transformers

Generators

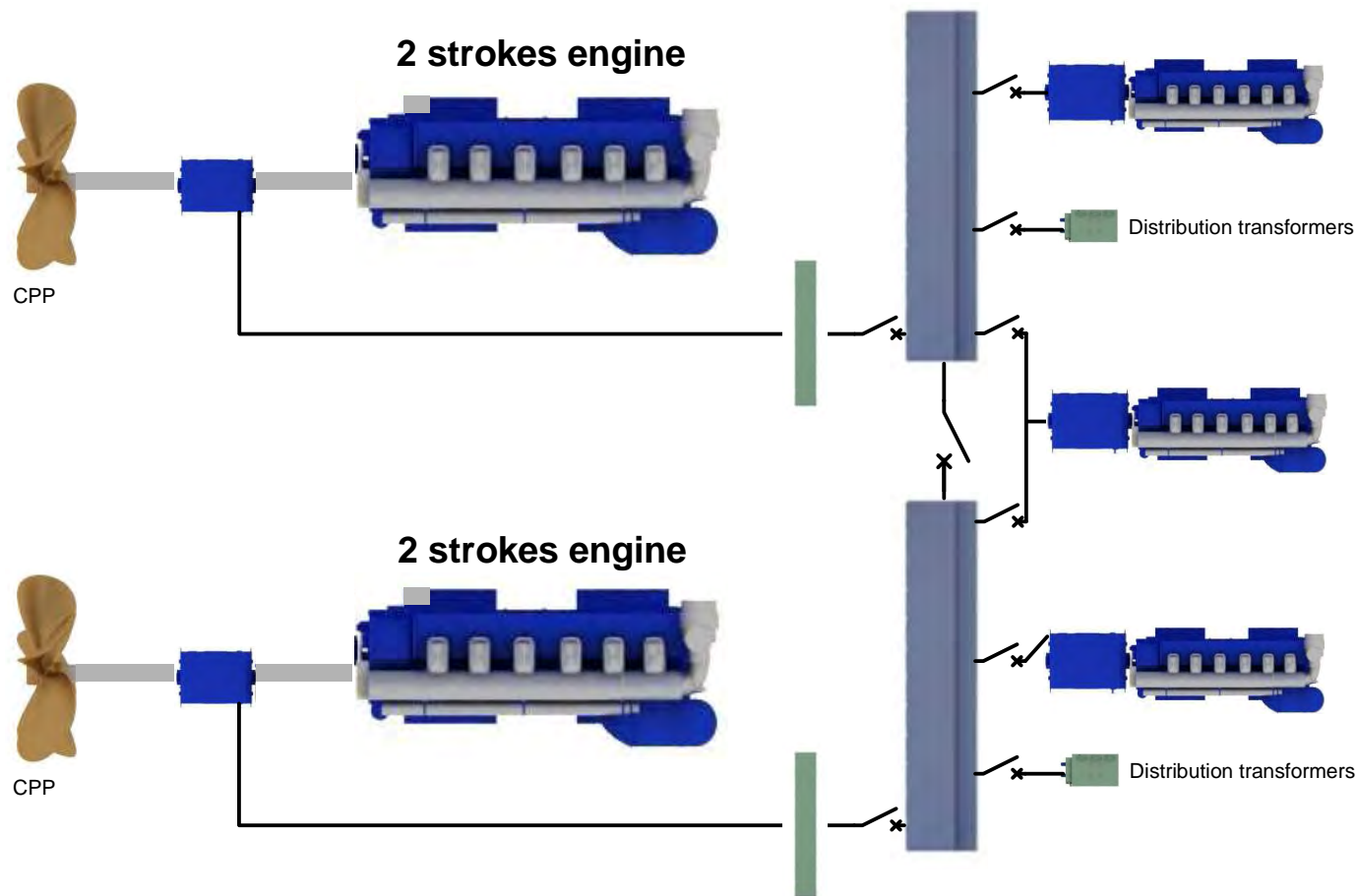
Main Switchboard

PWM MV7000 Converters

Propulsion Control Integrated Automation Dynamic Positioning Systems

Architecture dedicated to ferries

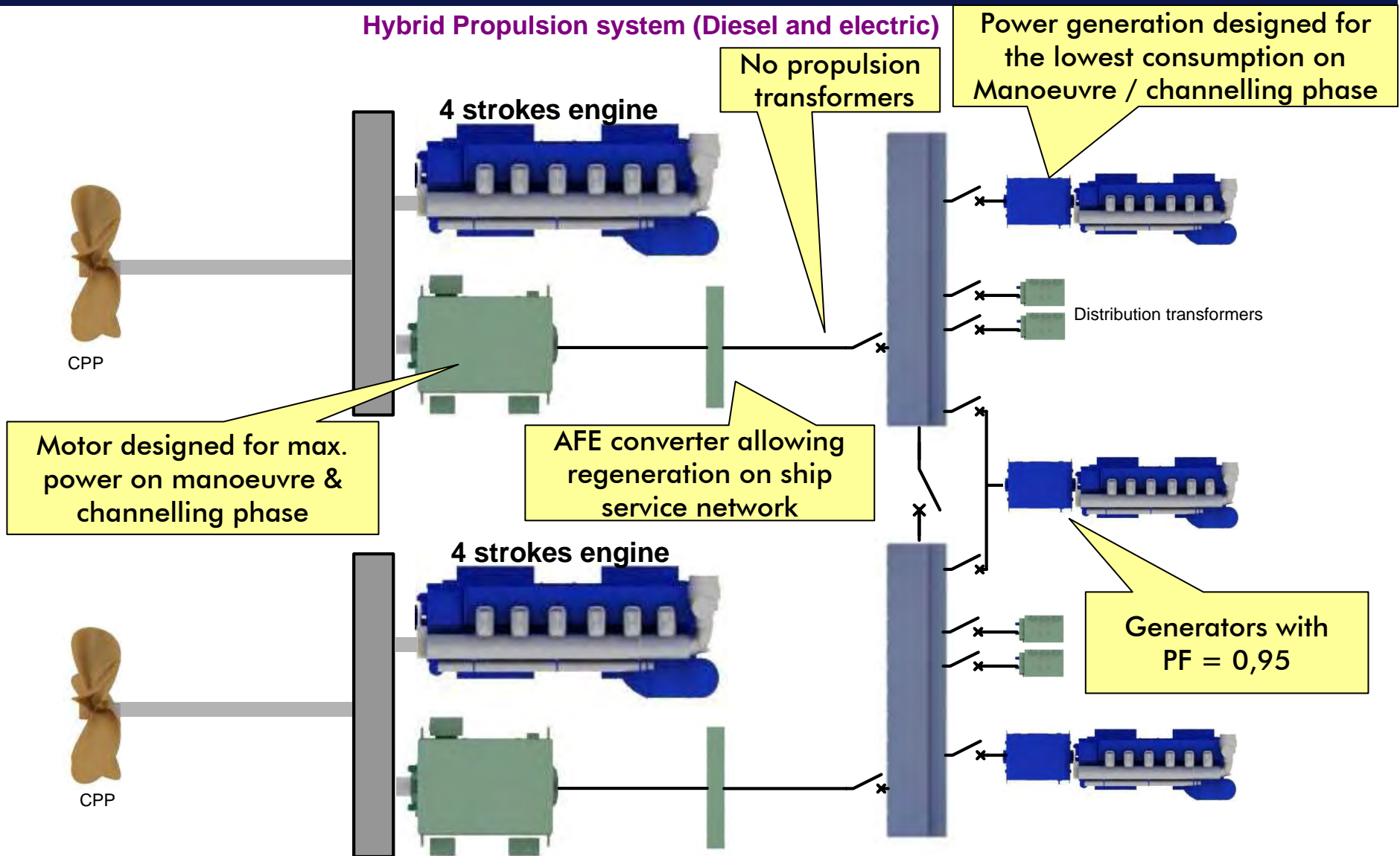
**Diesel mechanical configuration
With PTO / booster arrangement**



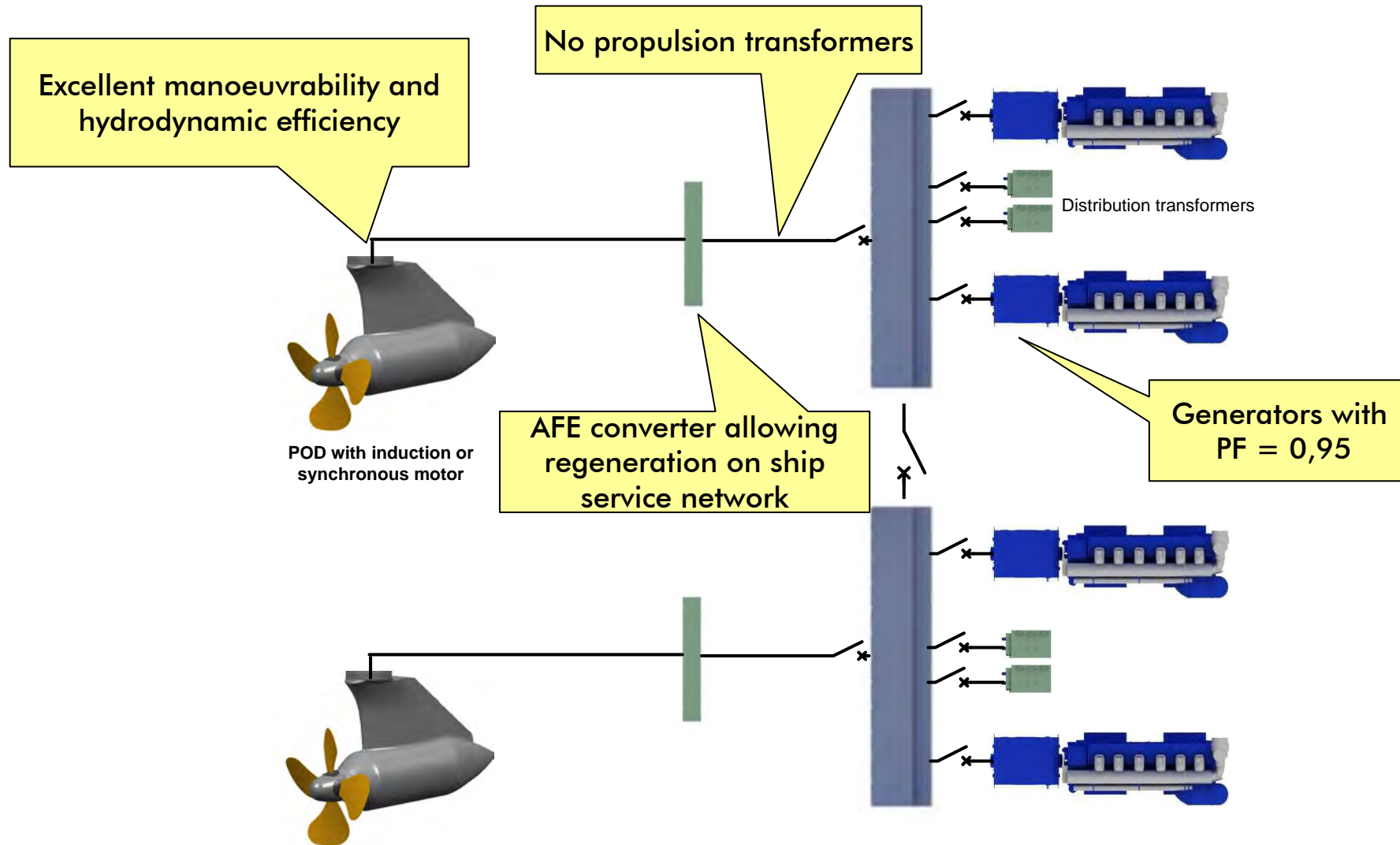
**WITH MV7000
SOLUTION:**

- No need for Harmonic filters
- No need for synchronous compensators
- Easy installation onboard
- Fully reversible PWM MV7000 converter
- Compact and reliable
- Increased availability
- FTI to PTO Mode instantaneously without Blackout
- Low harmonic content

Hybrid Propulsion system (Diesel and electric)



Diesel Electric Propulsion system with PODS



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