

Green- & High-Tech Program

Rolls-Royce Power Systems AG

Propulsion system technology of Rolls-Royce Power Systems AG



Dipl.-Ing. Stefan Mueller

Director Application Center Marine & Offshore

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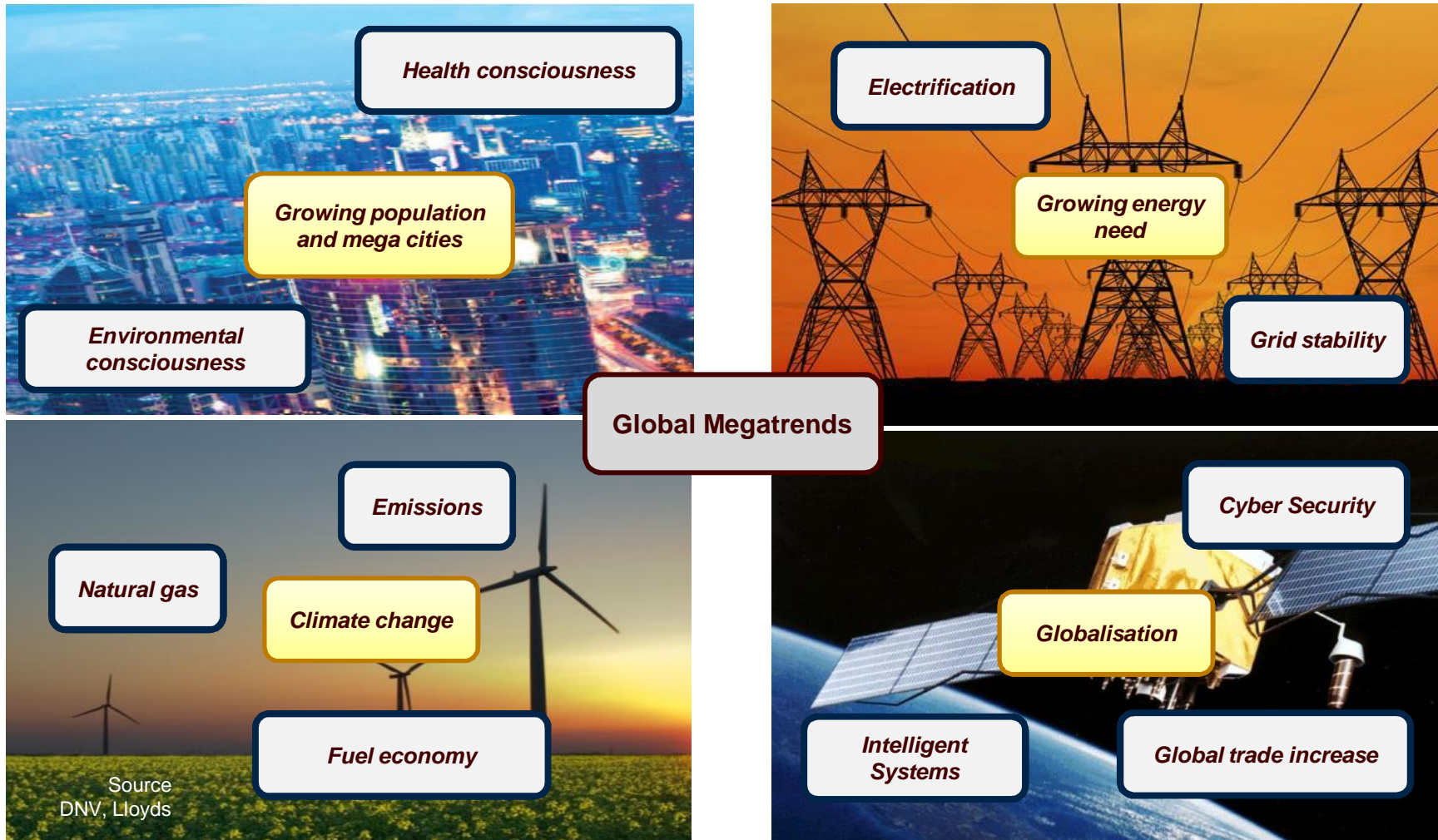
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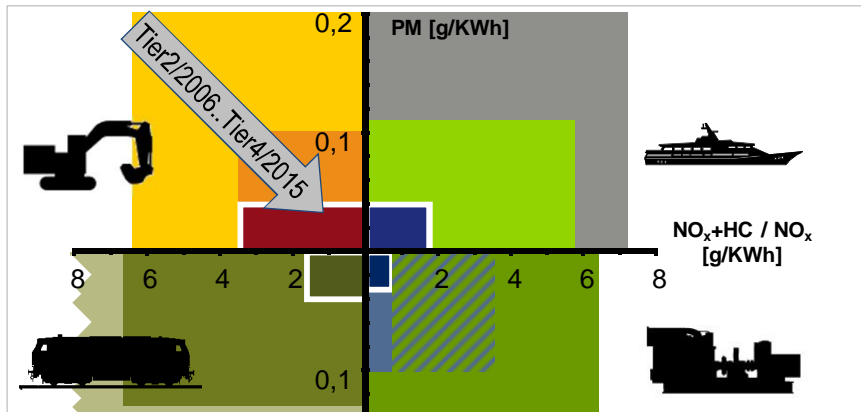
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Megatrends



Challenges

Emission Legislation



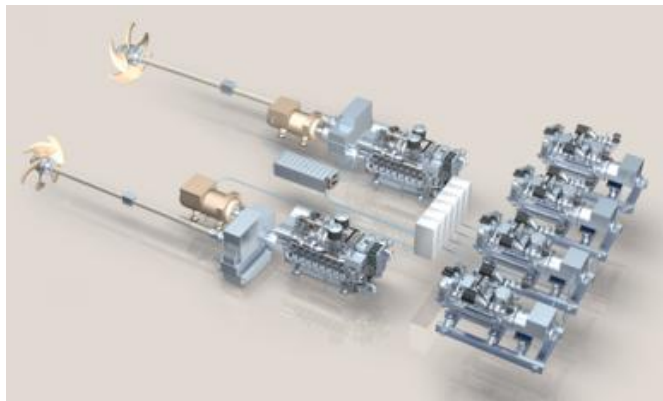
- Diverse emission legislation (application, region)
- Increasing share of exhaust aftertreatment solutions

Fuel Diversity

	Diesel	Gas, Bifuel	in product. in devel.
Powergen	X	X	
C&I	X	X	
Rail	X	X	
Marine	X	X	

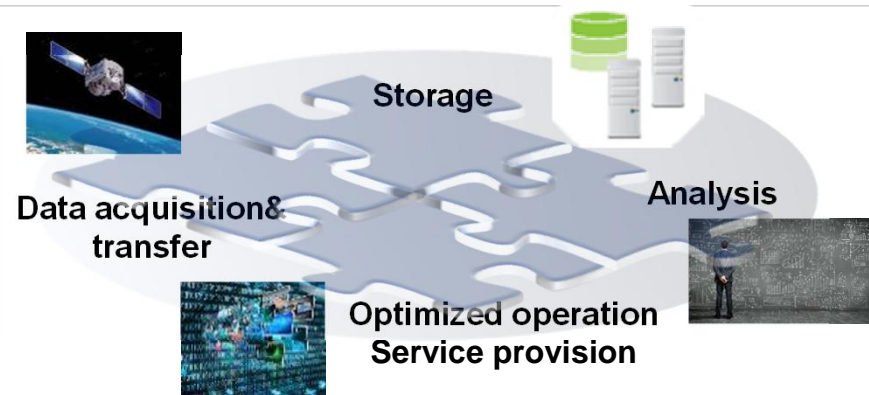
- Gas engines also for mobile applications
- New combustion systems and fuel supply

Increasing System Complexity



- Improved efficiency of electrified propulsion system
- System integration of electric modules

Intelligent Systems

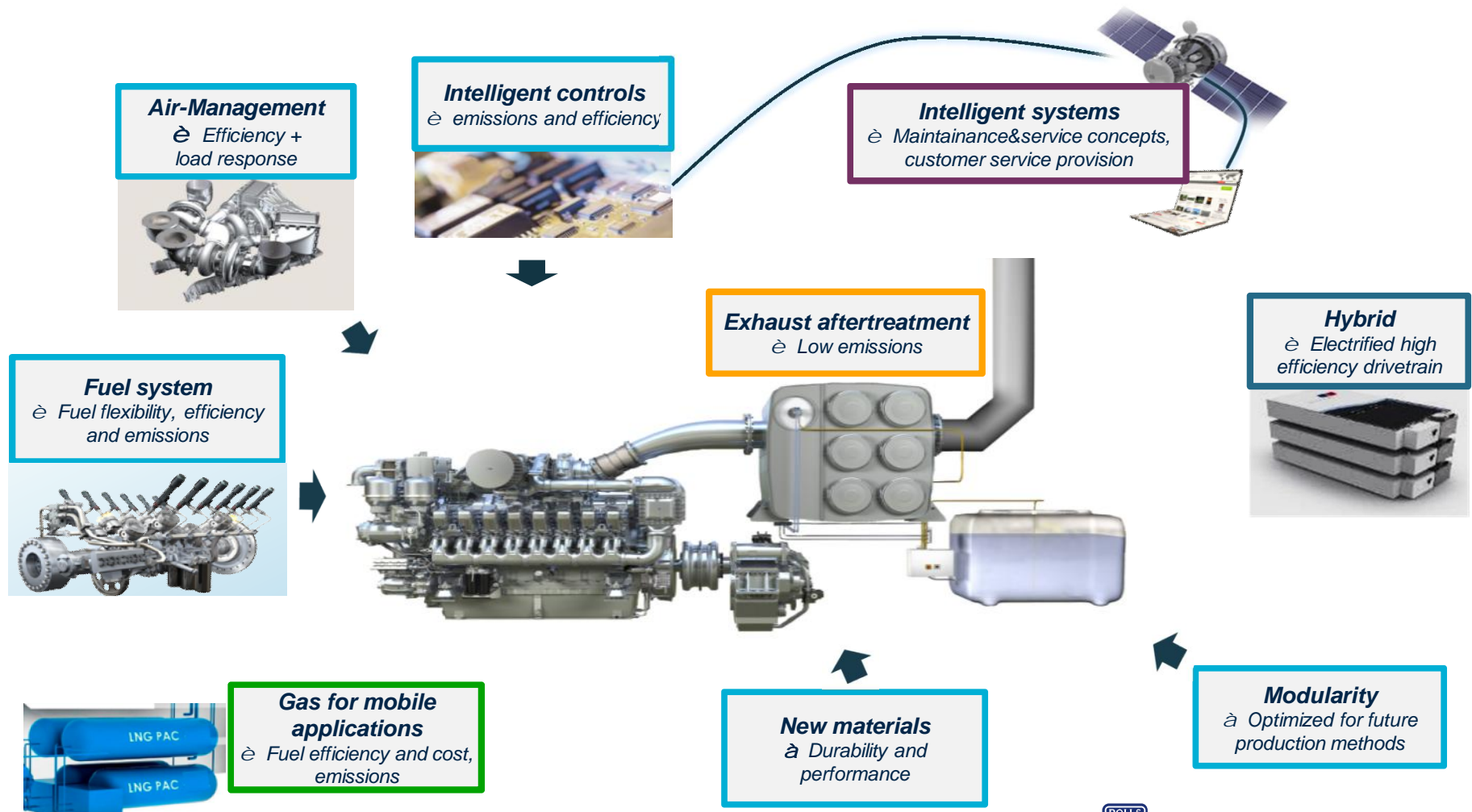


- Big Data for better availability and lower operating cost
- Customer service solutions

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Next generation of propulsion systems

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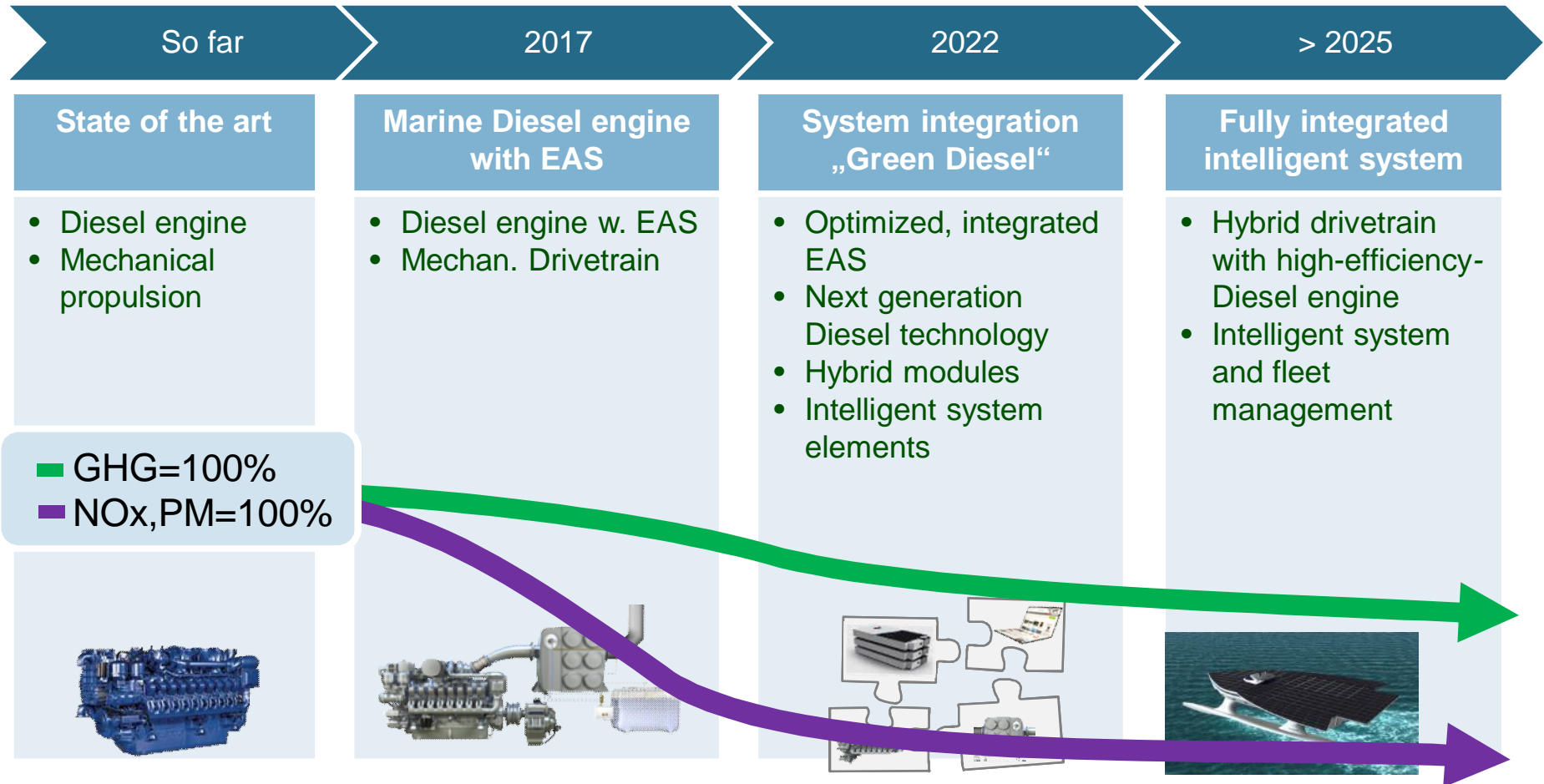


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Route to low-emission marine Diesel propulsion systems



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Route to de-carbonized marine Gas propulsion systems

