European Maritime Champions An endangered species by 2020? Sustainable employment, innovation and growth!

MIF Plenary Session European Maritime Day 2010

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Innovation for Growth

Govert Hamers (President IHC Merwede, MIF Waterborne)





Market Opportunities for EU

- Tourism
- Sustainability
- Life cycle costs
- Renewable energy
- Land reclamation
- Coastal protection
- Marine Resources
- Extreme circumstances
- Waterborne SRA



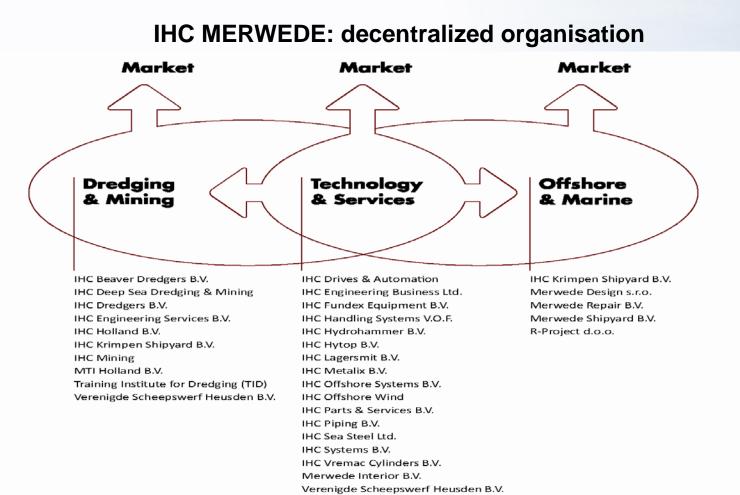


IHC Merwede: The Technology Innovator

- Markets: Dredging, Mining, high end offshore construction
- Complex, custom-build standard versions
- Integrated ship design
- Ship systems Life Cycle Support
- Focus on innovation to benefit our markets







E FORUM

- Each BU a leader in its field
- Strong growth topline and bottomline
- Crisis : So far so good





Key Figures on Innovation

- 3% of turnover for R&D
- 300 -350 FTE's
- In-house research Institute, 60 FTE
- 25% of IHC employees +BSc
- Cooperation in maritime chain
- Innovation structure
- IPR, Subsidies, Patents
- Building with nature







Challenges for the high end maritime industry

- Products, systems, components and processes
- Focus on efficiency and operational costs over life cycle
- More extreme conditions
- Sustainable operations and construction
- Knowledge, technology, products and processes
- Fundamental Research



Deep Sea Dredging&Mining

- New business line
- Acquisition
- Target knowledge, technology, products and market position
- Working together with.....

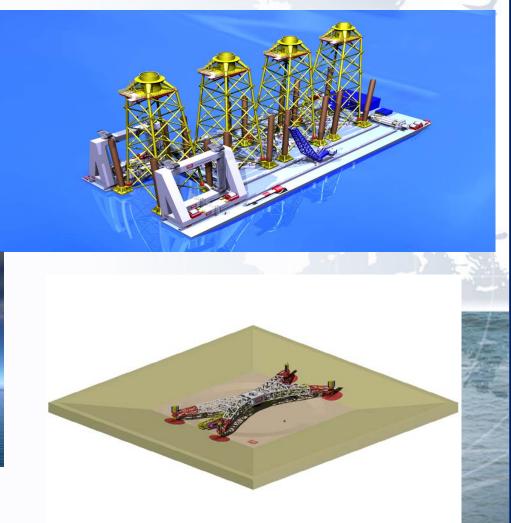




Offshore Wind concepts







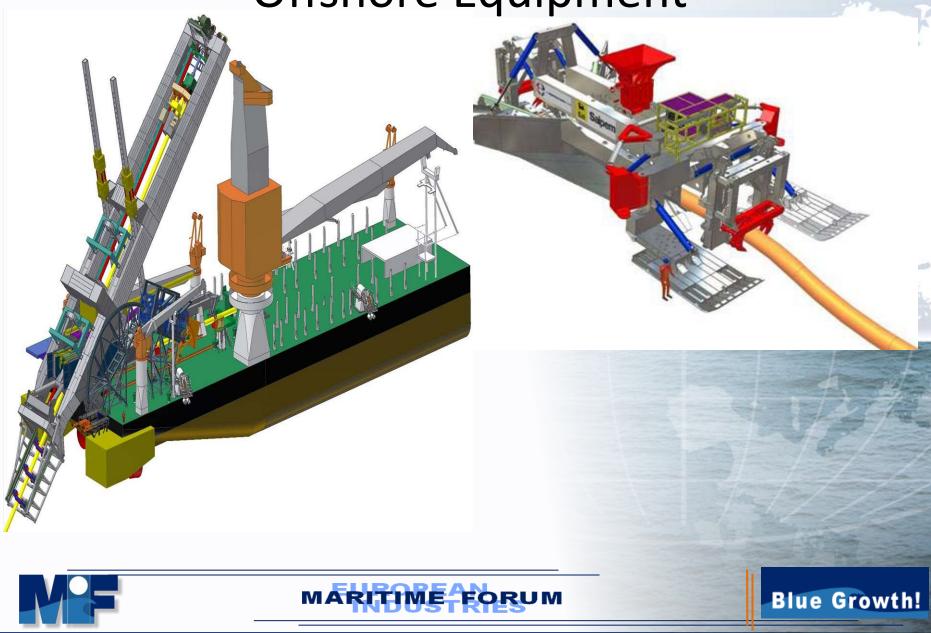




Underwater Noise & Water Hydraulics



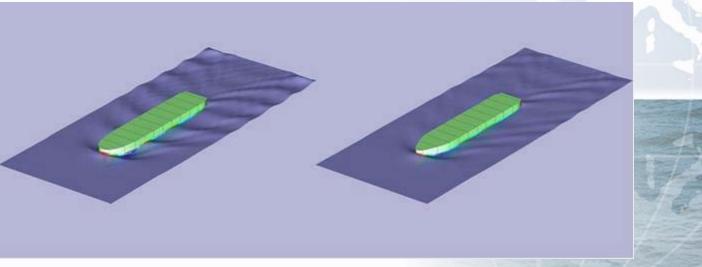
Offshore Equipment



Advanced HydroDynamics





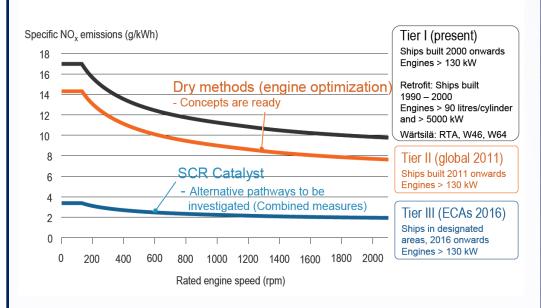


Innovation over a decade resulted in a 25% energy consumption reduction





Ecological improvement – emission reduction





Well balanced approach between innovation and legislation is required





Intellectual Property Rights

- IP is final result of innovation investment
- Very valuable
 Core of our competitiveness
- Don't be naïve
- Maritime Industry is IP careless
- Protect it !

Fight for it !

Guard SHIP





Innovation is a must, but No Panacea

• No alternative for Innovation

but

It can not solve all problems

- Choose your markets well and develop new markets
- EU cost high
 - Production innovation
 - Low cost countries
- Education
- Financing
- Technical Rules





Role of Governments and EU

- Helpful knowledge and education infrastructure
- RD&I subsidies
- Adequate and stimulating rules & regulations
- Level playing field
- IPR protection
- Financing instruments or stimulus
- Launching customer





Conclusions INNOVATION FOR GROWTH IS THE WAY FORWARD

- Innovative products and processes
- Also marketing, finance, cooperation within chain
- Not only industrial partners, but the whole maritime playing field
- Role of governments and EU









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Thank you for your attention





IHC Merwede: markets



Dredging & Mining

Offshore Workvessels







Offshore Systems

Dredging and wet mining World market leader



Hopper dredger

Specialization and integrated functionality requires choices





Blue Growth!

Cutter

Dredger

Deepsea technology

Recognized builder of high-end offshore vessels

- Much bigger and divers markets
- Growing into specialism
- Acquisitions
- Target to develop operational functionality
- Lot of R&D efforts





