



## EMSHIP SAB MEETING Bureau Veritas Marine & Offshore

*Hamburg February, 19th 2019*

*Nzengu Wa Nzengu  
Development Department  
Inland Navigation Rules*



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BUREAU  
VERITAS

### Who We Are



*Since 1828*

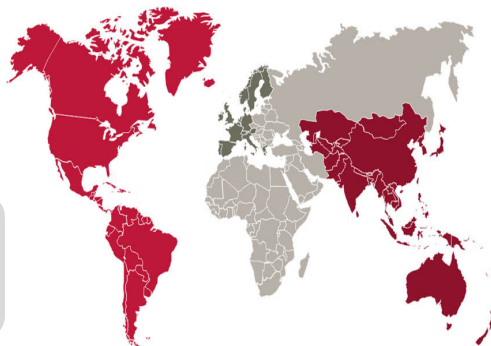
#### Classification & Certification of ships and offshore units

2,650 M&O Experts

180 Survey stations

16 Local plan approval  
offices

12 Marine operation centres



## Scope of Activities



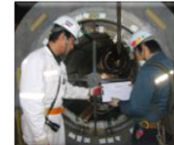
### Ships, offshore floating units & equipment Classification

- ▶ Design review and inspection of ships and offshore floating units to assess compliance with classification rules
- ▶ Applies to ships and offshore units under construction, in service and equipment



### Ships, offshore units & equipment Certification

- ▶ Inspection and certification of ships on behalf of 160 Flag States for the implementation of international conventions
- ▶ Certification of offshore floating units and equipment according to international and national standards
- ▶ Assessment of compliance of marine safety equipment with Marine Equipment Directives (MED) on board EU Flag vessels

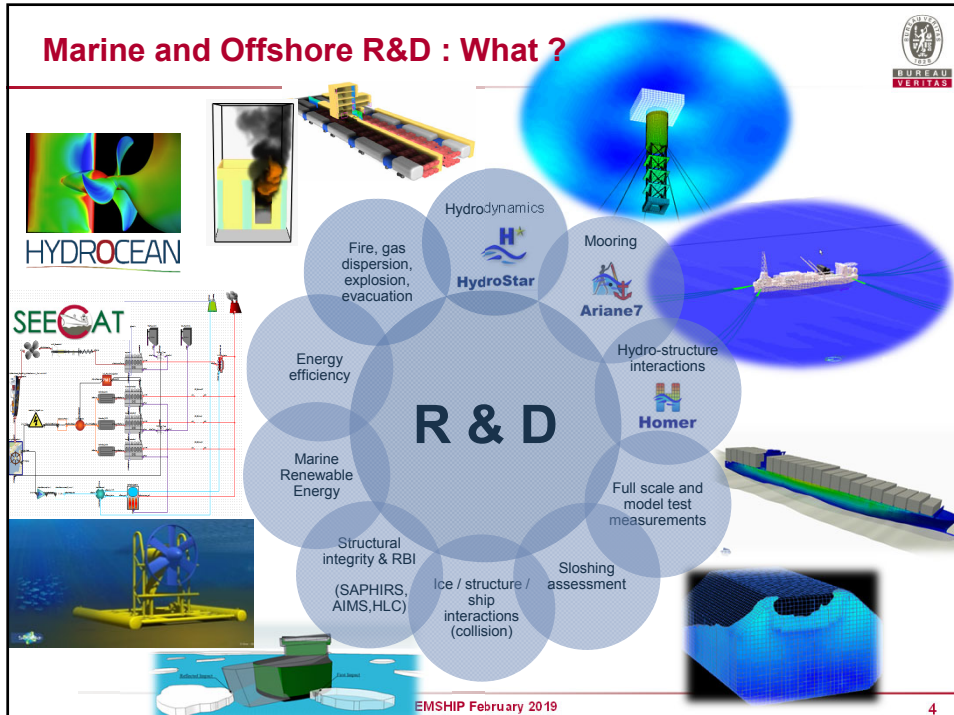


### Consulting & Outsourcing ("C&O")

- ▶ Project management
- ▶ Front End Engineering Design (FEED) for Offshore units
- ▶ Structural advisory services
- ▶ Services provided to ship owners, navies, port facilities, etc.



## Marine and Offshore R&D : What ?

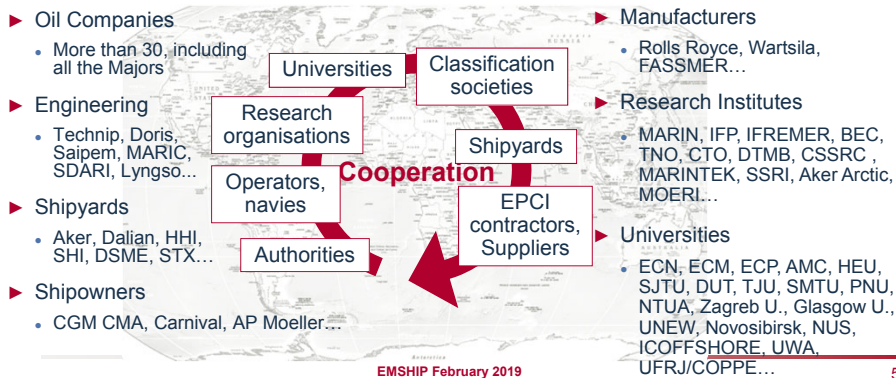


## Marine and Offshore R&D : How ?

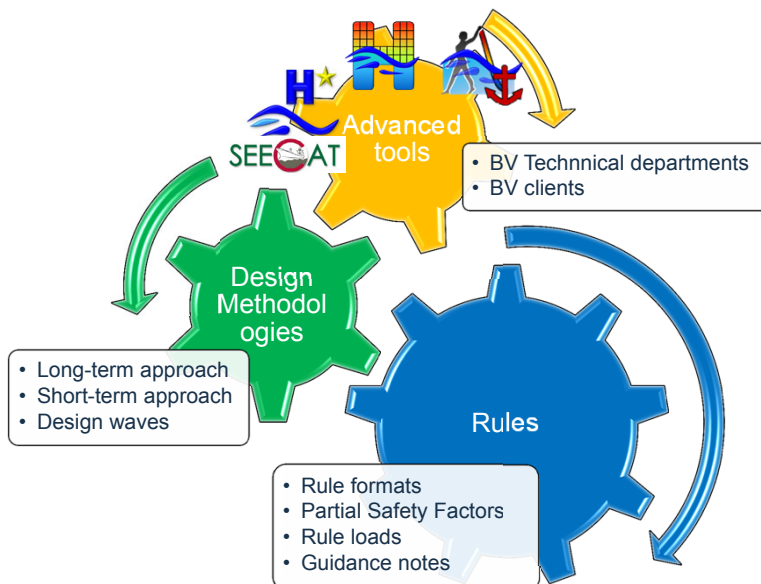


- ▶ Internal research
- ▶ Cooperative research
  - Joint Industry Projects
  - Cooperative Research Ship
  - Other Joint Research Projects
- ▶ Funded programs
  - European projects
  - Projets CITEPH
  - IRT Jules Verne
  - Singapore, COPEDI

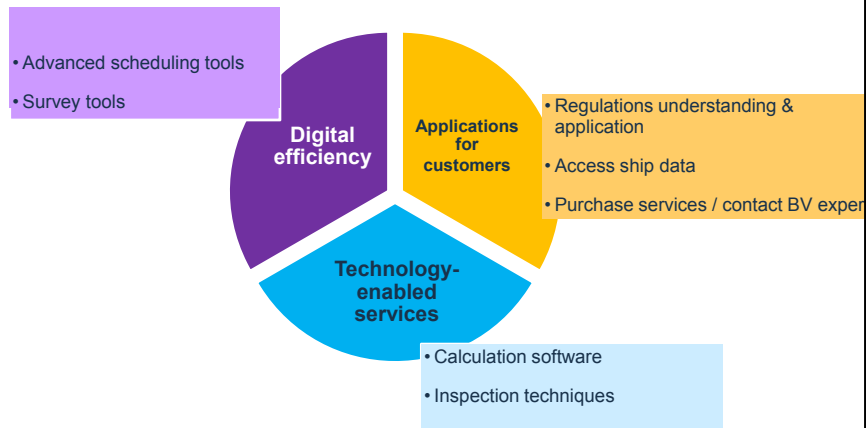
### International cooperation



## Marine and Offshore R&D : What for ?



## Embracing Digital Transformation



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7

## Marine & Offshore – A World of Opportunity



- ▶ Wide variety of careers opportunity throughout the world
- ▶ Possibility for internships at several international locations
- ▶ Our people are supported throughout their careers with ongoing training
- ▶ Our numerous positions include
  - Marine surveyors
  - Marine engineers
  - Naval architects
  - Structural and materials specialists
  - Support functions



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8

## Job Opportunities



- ▶ R&D engineer - ships and offshore units structural analysis (France / La Défense)
- ▶ Internship – aero-elastic with hydrodynamic coupling on offshore wind turbine (France / La Défense)
- ▶ Marine Centre Surveyor (The Netherlands / Rotterdam)
- ▶ Marine Surveyor (UK)
- ▶ Internship Ingénieur – Calculation methodology for offshore wind turbines (France)

<https://marine-offshore.bureauveritas.com/careers>



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