



# CETENA

Research, Consultancy and Technology for Ships and the Sea

**A company of the FINCANTIERI Group from 1962, dedicated to research & development in the marine field , consultancy, services and training for ship designers, shipbuilders, suppliers and maritime operators.**

**Main office in Genova**

offices in: Trieste

Palermo

Muggiano

Castellammare

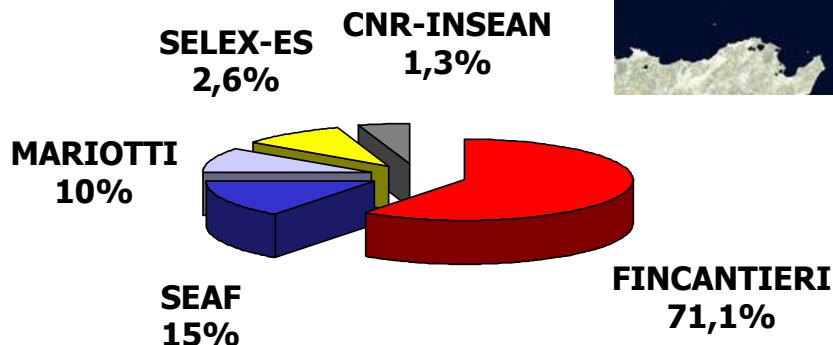
Ancona

a **Workshop** in Riva Trigoso



**Staff:** Different skills for a good team

- ✓ naval architects
- ✓ mechanical engineers
- ✓ electrical engineers
- ✓ physicists
- ✓ civil engineers
- ✓ philosopher
- ✓ chemical engineers
- ✓ IT engineer
- ✓ architects
- ✓ environmental scientist
- ✓ maritime economy expert
- ✓ technicians
- ✓ ship designers



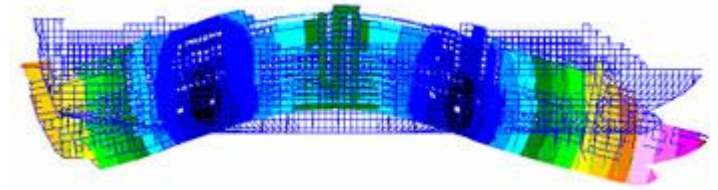
## Activities:

- Numerical simulations and studies (*Fluid Dynamics, sea keeping, navigation and manoeuvring, FEM, etc.*)
- Engineering consultancy (*Ship design optimization, Ergonomics and Human factor, alternative design, Safe Return to Port, Virtual Prototyping, etc.*)
- Sea trials, monitoring and workshop tests (*Noise & vibration, speed/power, IR, shock, etc.*)
- Products and integrated systems development
- Research and Development
- Training & Transfer of Technology

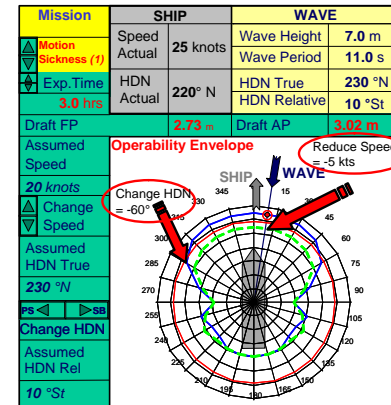
## Competences:



# Hull Monitoring Systems



# Safe Navigation System (SNS)



# PM&OTE - Performance Monitoring & Optimum Trim Estimator

