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The Romanian Shipbuilders Association

Insight on the Romanian Shipbuilding Industry 2000 – 2015

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Shipyards:

DMHI, SN Constanta, Vard Tulcea, Vard Braila, Damen Galati, Navrom Shipyards, ATG Giurgiu, Severnav, SN Orsova

Engineering companies:

ICE Engineering, NASDIS, Ship Design Group, Marine Enginering Galati

Equipment/ Service suppliers:

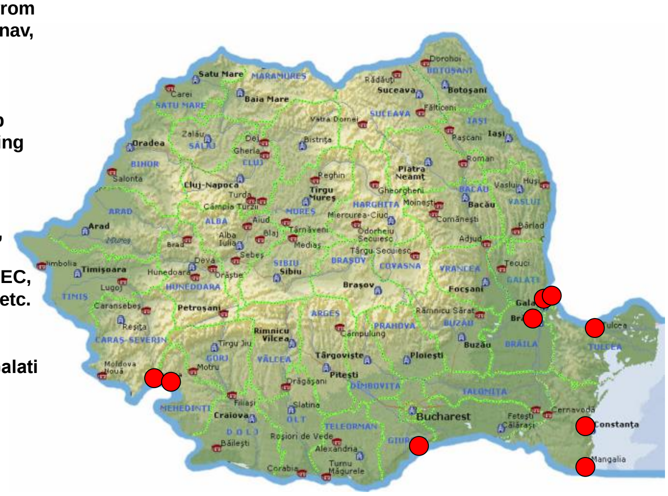
Alewijnse Galati, Eekels Galati, Den Breejen Romania, Heinen Hopman Mar, DMT, Menarom PEC, Unio Satu Mare, Microplasma, etc.

Universities:

University “Dunarea de Jos” Galati

Maritime University Constanta

Naval Academy “Mircea cel Batran”



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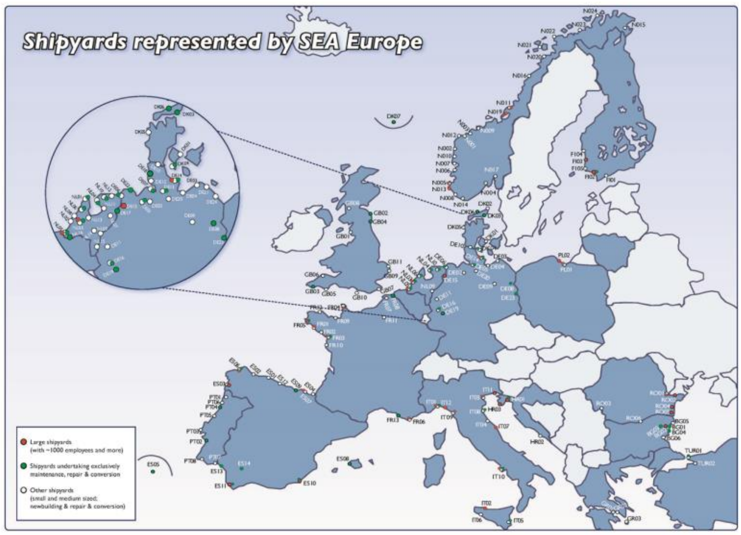

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- 5 shipyards have more than 100 years of activity
- Biggest investment in shipbuilding/ engineering capacity – in 1970 – 1980 in order to cover the Romanian fleet expansion

- Main facilities:
  - 6 dry docks (max length 360 mtrs)
  - 3 floating docks
  - 2 syncrolift equipment
  - Other shipyards use side launching for vessels up to 160 mtrs length

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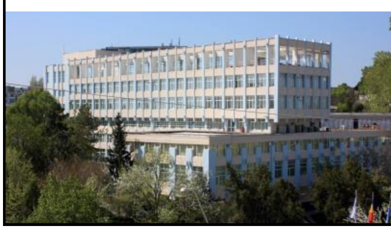
- In 1976 was established the engineering and research institute for shipbuilding ICEPRONAV
- Currently the main engineering companies have a cumulated capacity of 700 FTEs
- The shipyards have engineering departments with abt. 400 FTEs
- Type of projects: commercial marine, naval, offshore energy



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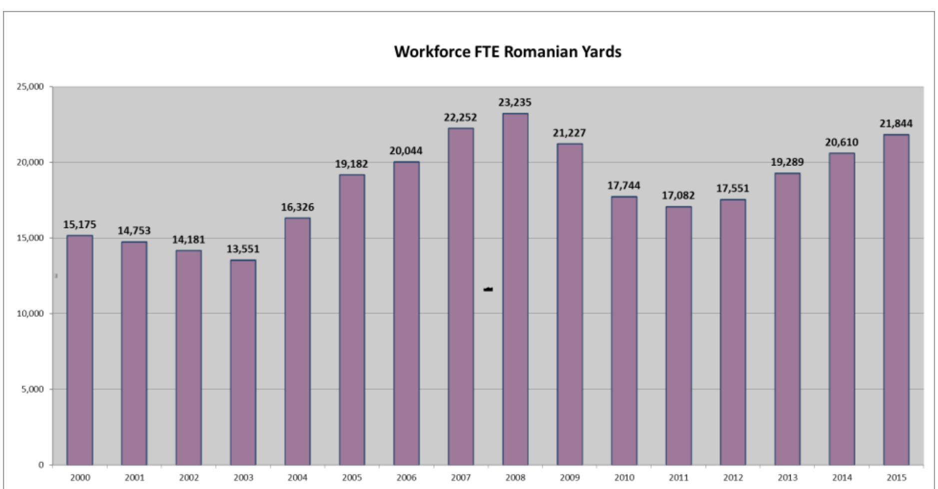

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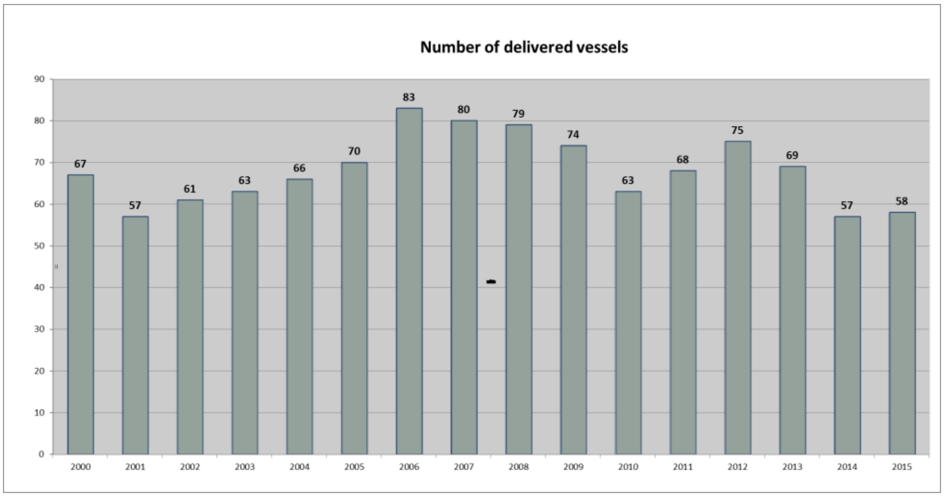

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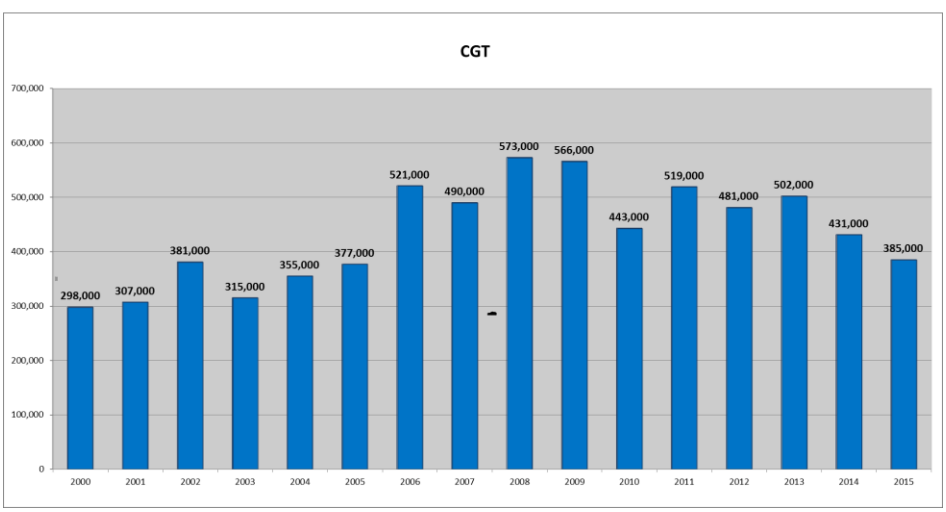

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- Romania started the privatization process of the shipyards from 1996 till 2002
- Currently there are no supporting instruments for shipbuilding industry and the state is owning a minority of shares in one of the active shipyards (Daewoo Mangalia Heavy Industry)
- The state still owns one shipyard for naval repairs but is inactive
- Main drivers of Romanian Shipbuilding competitiveness:
    - education system (developed by the state and companies)
    - competitive prices (labor cost x efficiency)
    - investment in new technologies
    - Increase of HSE standard to the level of oil&gas requirements
    - development of horizontal industry (equipment suppliers, subcontractors for specific activities)

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Thank you for attention!

For details about Romanian Shipbuilding Industry, visit www.anconav.ro