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Vasco da Gama Final Conference

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**Matching European Maritime Training and Education
with Maritime Transport Challenges**

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This project is co-funded by the European Union

MARITIME SIMULATORS

Transnational exercise
running a
combined scenario
connecting two simulators
(bridge - machine)

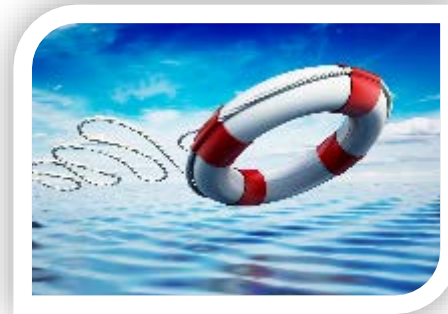


MAIN LESSONS LEARNT



- Combined simulation is a powerful and innovative complementary tool for training and education in maritime transport
- Workshops like Le Havre or Kalmar allow instructors to exchange best practices
- Cadets are very keen to participate in such exercises/exchanges = deep learning

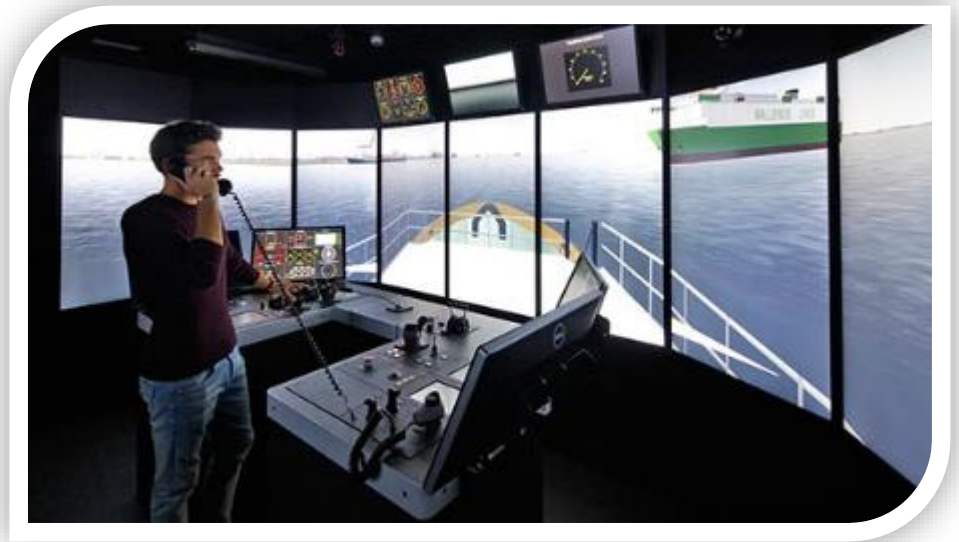
MAIN LESSONS LEARNT



- Experimental exercises are very expensive
- EU METs still strongly differ in equipment (hardware and software barriers)
- Administrative barriers still hinder exchange of CADETS among METs
- Heterogeneous Skills (e.g. English knowledge)

RECOMMENDATIONS

Simulation is a
key tool for
maritime
education and
training today



Need to enhance the structural dialogue, synergies and ad-hoc collaboration among METs, private sector and public authorities (e.g. Regional Governments) to overcome challenges such as:

- **the growing number of GIANT ships;**
- **the long road towards a greener shipping;**
- **focusing on “human factor” to improve safety on board by**

WHAT TO DO?

- Establish a standard for data exchange between bridge and engine-room simulators to bring price down
- Make a study about structural barriers for mobility of cadets
- Harmonise programs among EU METs
- Encourage clustering of METs (e.g. EMFF - Blue Carriers in Europe)

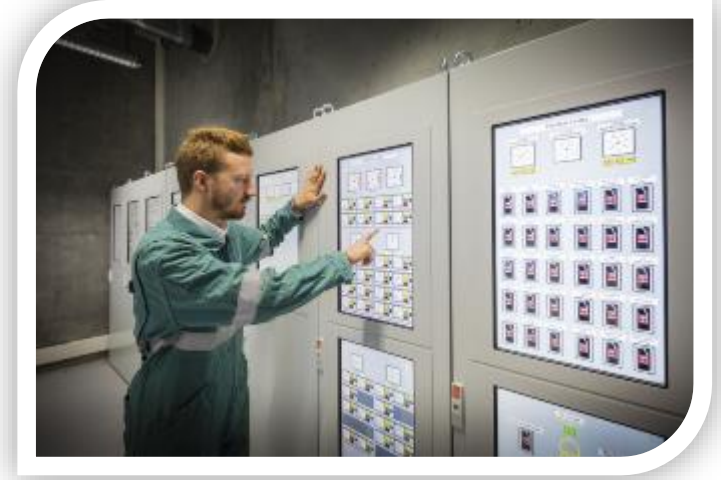


WHAT FUTURE FOR THE VDG MARITIME SIMULATORS?

- Need to capitalise on best practises by implementing transnational projects (e.g. Blue Carriers in Europe, Erasmus +)
- Vasco da Gama Pan European biannual symposium on simulation – pedagogy, innovation, legal aspects, etc.
- ESNM is keen to continue to play a key role within the Vasco Da Gama community

**EUROPEAN MARITIME EDUCATION EXCELLENCY
IS AT STAKE !**





THANK YOU
FOR YOUR ATTENTION

