SeaSAFER

The International Maritime Organisation (IMO) have been promoting "Safety Culture" for the last decade with a great deal of emphasis on human elements, particularly how human errors have led to great loss of life and property (IMO, 2013). It has also been acknowledged that similar accidents/incident occur with repeatedly as human error is proven to be the main cause.

Learning from accidents/incidents are one of the good practise that IMO promotes which has not been taken into consideration in training seafarers and industry would benefit from a training tool and programme for its sea-going staff (ACAR, 2011). There has not been a complete attempt and a tool available to promote "Safety Culture" using the past accidents/incidents for the training of seafarers.

WHAT WE AIMED FOR

SeaSAFER project aimed to:

- ✓ To improve safety at sea and at ports by facilitating experimental knowledge and create a knowledge-base of scenarios for training of seafarers
- ✓ To develop intelligent exercises based on scenarios created for application in bridge as well as in the Full Mission Simulators
- ✓ To assess the learning of users via scenarios developed

IMPACT

- ✓ A platform to raise seafarers awareness on the accidents that could take place in their vessel hence improvised skills sets of the seafarers
- ✓ A platform to train world seafarers for safer industry.
- ✓ Certification option for seafarers in ships accidents recognised in partner countries and European wide Recognition for the certificate from independent awarding, accredited and licensing authorities at medium term
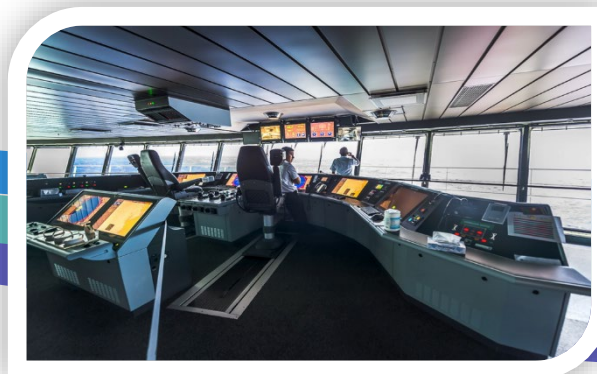
Project Product

SeaSAFER has been implemented to develop **innovative products** for seafarers:

E-LEARNING PLATFORM: The e-Learning platform integrated simulations of accidents while seafarers were using existing technology. Simulations were created with case-based scenarios on various ships with real accident situations. **Model courses**: www.seasafer.com/course

E-ASSESSMENT TOOL: The assessment tool has been designed to enable users to assess the level of knowledge acquired during the learning phase. It is a **software** that will have the capability to store, retrieve, handle and present results of the attempt during assessing the practical knowledge of the learner.