



WHEN TRUST MATTERS

SMI Webinar 2022 – Next Lap

Updates on R&DI development and next steps

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Key developments on Maritime R&D and Innovation

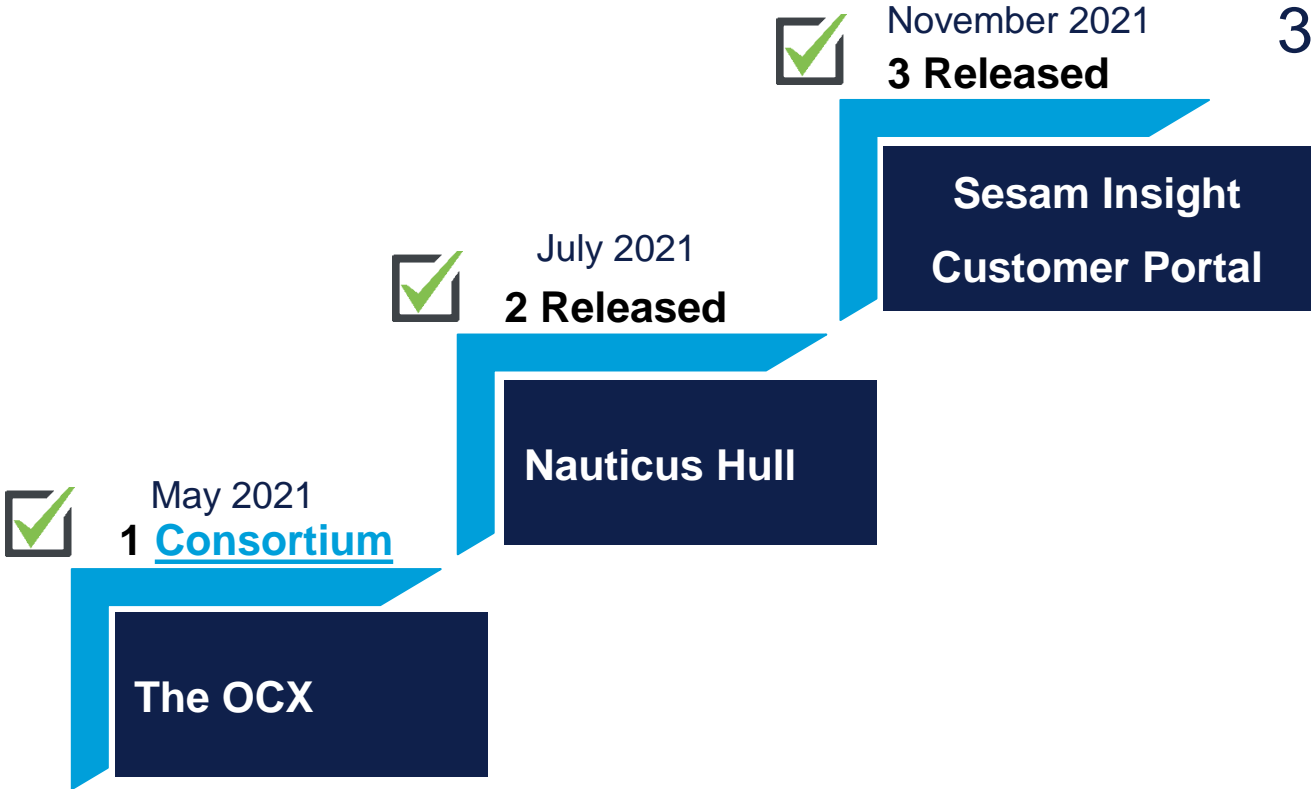
Collaborative ship design using Open Simulation Platform

Future of shipbuilding 3D approval using OCX standard

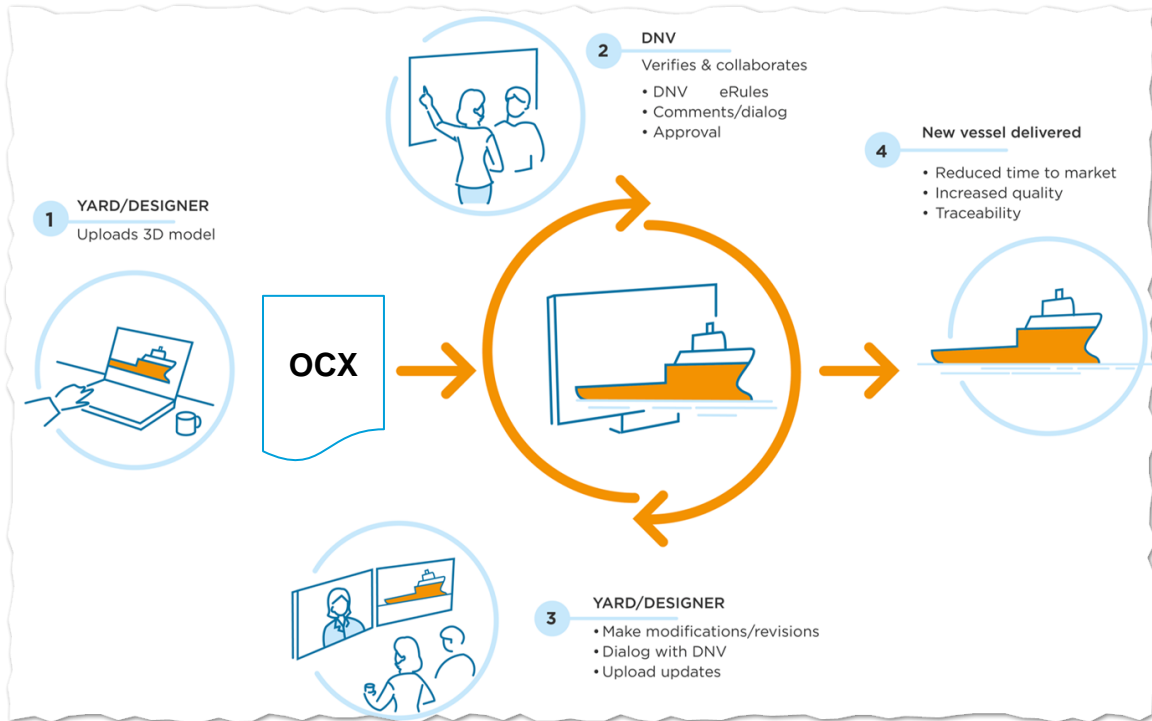
Maritime Technology Pillar in Menon-DNV LMC 2022



DNV 3D Approval Platform: Status



3D model as design verification



Open Simulation Platform (OSP) initiative vs. Simulation Trust Center

OSP JIP - 2018

Co-simulation Software 

OSP Interface Specification 

OSP Reference models 

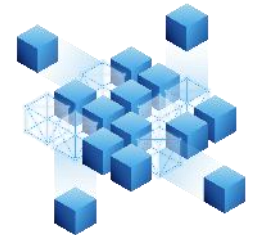


Simulation Trust Center - 2022

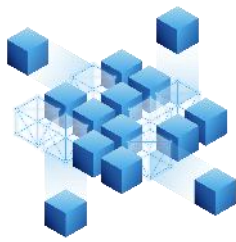
Provides OSP technologies in an easy to use and secure collaboration space

Accessible through web applications

- Model library
- Digital assembly



Simulation Trust Center – we are ready to collaborate !



Become invited for private preview: <https://store.veracity.com>

Available features include

- Collaboration space to build high-quality simulations
- Run simulations in a user-friendly and secure environment
- Data storage for models and simulation results

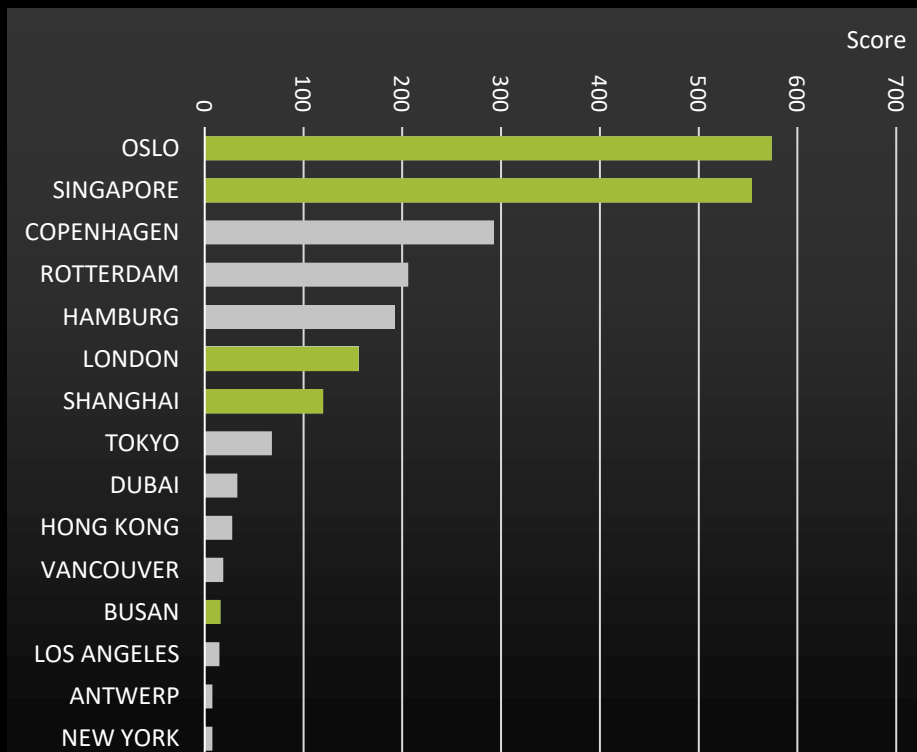
Comes with quota for data storage and simulation time

The screenshot shows the Veracity by DNV website. At the top, there is a navigation bar with links for Marketplace, My services, My data, Support, and Log in. A search bar is located below the navigation. The main content area features a large heading for 'Simulation Trust Center' with a sub-heading: 'Secure & collaborative simulation of complex assets for suppliers, integrators and operators.' Below this, there are two buttons: 'See pricing' and 'Contact provider'. To the right of the text is a large image showing a 3D visualization of a simulation structure, similar to the one in the top right of the slide. Below the main content, there is a section titled 'Why choose this product' with three icons and corresponding text: 'Improve system integration by cloud-based collaboration', 'Protect IPR by managing access rights to simulation models', and 'Reuse existing high-quality models in scalable simulations'. Further down, there is a 'Features' section with a heading 'Simulation of complex, cyber-physical assets' and a sub-heading 'For assets that combine components and software from many suppliers, all stakeholders will reduce costs by removing integration conflicts and assuring optimal system performance.' A small image of a person working on a computer is visible in the bottom right corner of the screenshot.

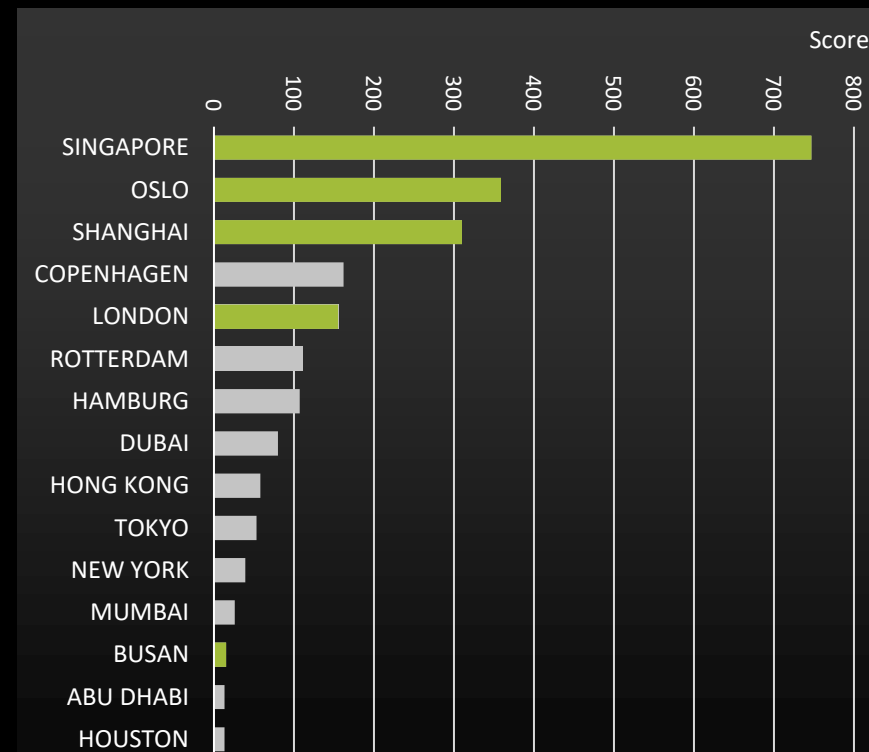
OVERALL RESULTS – Leading Maritime Cities 2022

RANK	SHIPPING	FINANCE AND LAW	MARITIME TECHNOLOGY	PORTS AND LOGISTICS	ATTRACTIVENESS AND COMPETITIVENESS	OVERALL RANK
1	ATHENS	NEW YORK	SINGAPORE	SHANGHAI	SINGAPORE	SINGAPORE
2	SINGAPORE	LONDON	OSLO	ROTTERDAM	LONDON	ROTTERDAM
3	TOKYO	TOKYO	BUSAN	SINGAPORE	COPENHAVEN	LONDON
4	SHANGHAI	OSLO	LONDON	HONG KONG	ROTTERDAM	SHANGHAI
5	HAMBURG	PARIS	SHANGHAI	GUANGZHOU	OSLO	TOKYO

Expert assessment: Which cities are taking the lead in the green transformation of the maritime industry?



Expert assessment: Which cities have the strongest capabilities and are best positioned for the digital transformation?



Panel discussion

www.dnv.com

