Innovation and Regulation The IMO-UNEP-Norway Innovation Forum September 2023

LEADING THE WAY; MAKING A DIFFERENCE

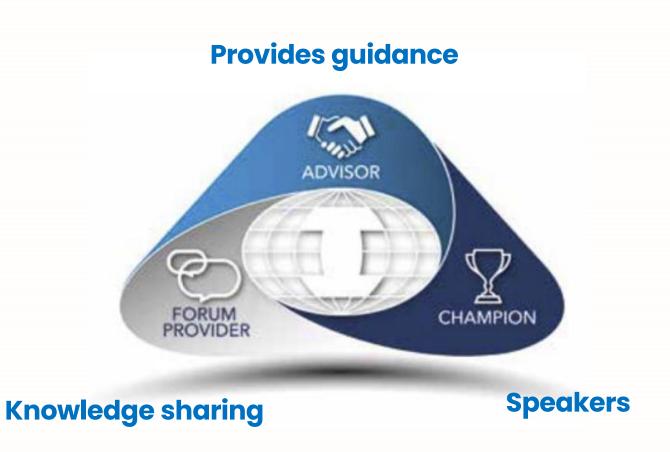




INTERTANKO

INTERNATIONAL ASSOSCIATION OF TANKER OWNERS AND OPERATORS







INTERTANKO - COMMITTEES





REGULATIONS /INNOVATION INTERFACE

Drivers for Environmental Performance



REGULATIONS

> Regulation sets the goals

> Regulation can drive Innovation







INNOVATIONS

Innovation achieves those goal

Innovation can also drive Regulation



REGULATION DRIVEN INNOVATION



REGULATIONS

Regulation propels a new technological innovation

- Easier process to develop solution
- Robust compliance

- Unavailability of solutions
- > Delays in adoption of regulations

E.g. Ballast Water Management Convention





REGULATIONS /INNOVATION INTERFACE

KEY DRIVERS FOR ENVIRONMENTAL PERFORMANCE



REGULATIONS

- Regulation sets the target for greener seas
- ➤ Regulation Driven Innovation





INNOVATIONS

- Innovation is used to achieve those target
- Innovation driven Regulation



INNOVATION DRIVEN REGULATION



INNOVATIONS

Technological innovation propels new regulation

- Solution exists for compliance
- Easier process to develop regulatory requirements

- Probability of differing technologies
- ➤ Lacunas in compliance



REGULATIONS /INNOVATION INTERFACE

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BRIDGING THE GAP



FACTORS FOR ENVIRONMENTAL PERFORMANCE



First Movers – Support and Encouragement



Innovation not limited to technology- Innovative 'Proactive thinking'



Collaboration and Uniform adoption



Human Factor needs to be synergized

Uniform, consistent and simple regulations, failproof and easy to adopt technology

Thank You mahyar.jokhi@intertanko.com

Collaboration for a better future

LEADING THE WAY; MAKING A DIFFERENCE

