

NextGEN Connect



“**Route-based action plans** are integrated action plans that bring together various projects and stakeholders with the overall objective of reducing GHG emissions along a specific maritime route.”

Objectives

- ✓ Develop robust methodology and toolkit for implementing route-based action plans
- ✓ Support an inclusive maritime decarbonisation that involves Small Island Developing States (SIDS) and Least Developed Countries (LDCs)
- ✓ Asia-Pacific region used as a testbed for methodology development
- ✓ Encourage first movers in maritime decarbonisation R&D whilst sharing the lessons learned

Sep 2021

NextGEN initiative launch

- Maritime Decarbonisation & Digitalisation
- Capacity Building & Technology Development
- Driving UN Sustainable Development Goals
- NextGEN Connect builds on the NextGEN initiative programme that was initiated by the IMO and Singapore MPA



Apr 2023

NextGEN Connect commences

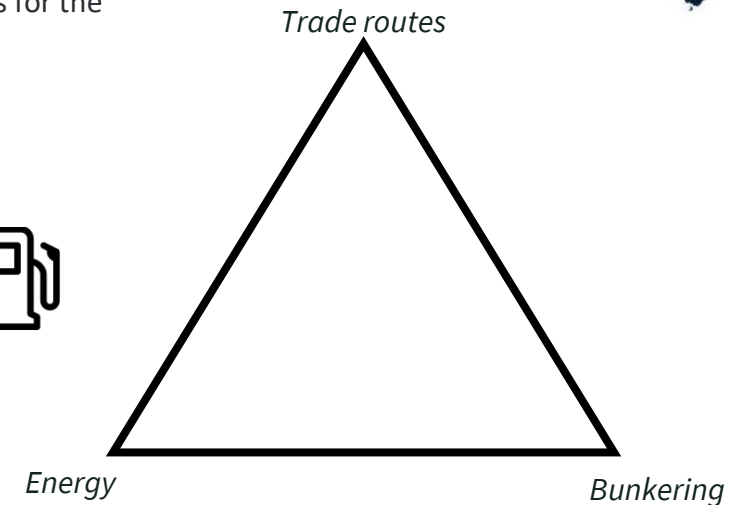
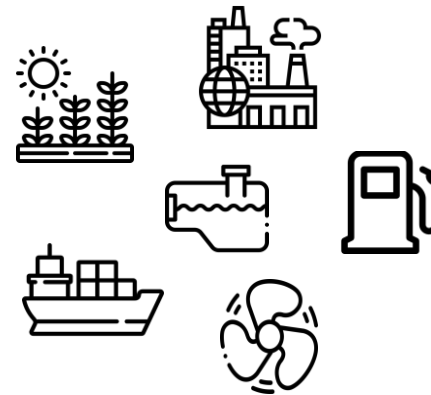
- Singapore MPA and the Norwegian Ministry of Climate and Environment sign agreement with the IMO to collaborate on GreenVoyage2050 and NextGEN Connect initiatives
- LR Maritime Decarbonisation joins to develop NextGEN methodology and initiate stakeholder engagement using the First Mover Framework methodology.



Oct 2023

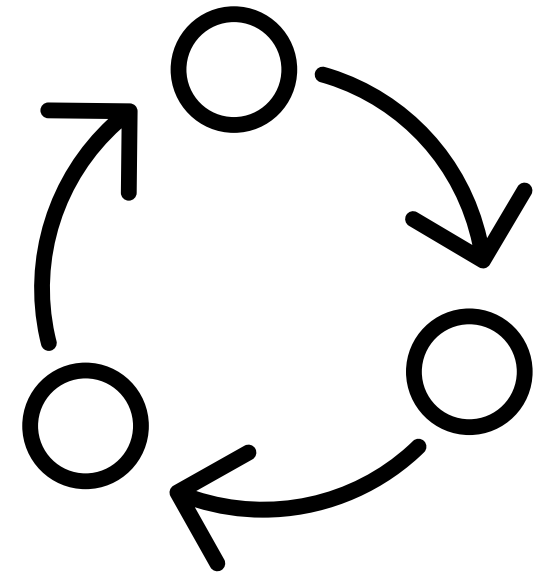
Asia-Pacific focused stakeholder engagement

- Sharing methodology and toolkit during 2-day workshop in Singapore, bringing together regional stakeholders & GreenVoyage2050 partners
- Open forum, including ports and governments, to share feedback on experiences and challenges unique to regional voices
- Discussion on roles and opportunities for fleet side and fuel supply side, along with stakeholder mapping
- Understanding challenges specific to Asia Pacific voices and sharing lessons from first mover experiences and needs
- Focus on unlocking investments and access to financing channels for the region



The methodology development for NextGEN Connect

- **First Mover Framework (FMF) methodology** from the LR Maritime Decarbonisation Hub brings together the fleet side and the fuel supply side in the modelling and collaboration approach
- NextGEN Connect initiative is now developing this further, breaking this process down into 6 process steps as part of the toolkit.
- This methodology development:
 - builds on the FMF principles, first-hand experiences from first mover initiatives and feedback from regional voices.
 - guides stakeholders across the value chain through the consensus building process and development of implementation plans.
- Next steps – stakeholders to adopt and deploy the methodology and conduct pilot projects based on route-based action plans



Unlocking investment with route-based action plans

Identifying investment opportunities

- ❑ Driving much needed investment across the value chain with the overall objective of reducing GHG emissions
- ❑ Understanding the funding channels, bringing together the investment community and regional stakeholders within maritime
- ❑ Working towards business case development and overcoming cost gaps

