IMO GHG Projects/Initiatives: Opportunities for Engagement and Partnerships

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IMO
Technology cooperation, innovation and demonstration activities

Legal, Policy Reforms

Capacity Building activities

Promoting Inclusive Innovation Through Demonstration Projects & Knowledge Platforms

GLOBAL INDUSTRY ALLIANCE TO SUPPORT LOW-CARBON SHIPPING

GHG SMART

GLOBAL MARITIME ORGANIZATION

Blue Solutions

GloFouling Partnerships

GHG

INTEGRATED APPROACH for GHG Reduction: ships, ports and inland transport
GreenVoyage2050 (Norway funded)

- Implementation of measures in National Ship Emissions Reduction Strategy (NSERS)/National Action Plan
- Demonstrating technical solutions
- Knowledge and information sharing
- Strategic partners from the private sector
Global Industry Alliance for Low Carbon Shipping

Brings together maritime industry leaders to support an energy efficient and low carbon maritime transport system

Three workstreams:

- Energy efficiency technologies (EETS) and operational best practices
- Alternative low- and zero-carbon fuels
- Addressing emissions at the ship-port interface
GMN Project
(EU funded)

- Established Regional Centers of Excellence to support uptake of low-carbon technologies and operations

- MTCCs - specifically mentioned in the IMO Initial GHG Strategy.

- Range of pilot projects, such as port energy audits and retrofitting of domestic ships for better energy efficiency.
GHG SMART Project
(Republic of Korea funded)

• Sustainable Maritime Transport Training Programme to support the Implementation of the GHG Strategy (GHG Smart Programme)

• Builds tailor-made capacity among the LDCs and SIDS (first training to take place end of 2021 virtually).
Blue Solutions Project
(Germany funded)

Address emissions from maritime sector - focus on ports, ships and hinterland transport in ASEAN region.

- establish emission baseline
- develop national roadmaps
- demonstrate potential solutions for energy efficiency improvements and optimized processes.
GloFouling Partnerships (GEF funded)

- Promotes implementation of IMO’s Biofouling Guidelines and the use of best practices
- Focus on marine biodiversity (prevent invasive aquatic species)
- Biofouling management role in the overall reduction of GHG emissions
- Private sector, Demonstration sites and promotion of R&D
Global Industry Alliance for Marine Biosafety

- A cross-sectoral platform for all maritime industries
- Brings together private sector leaders to facilitate solutions for biofouling prevention and management
- Study to quantify fuel consumption savings resulting from biofouling management

Current members:

- HullWiper
- Hapag-Lloyd
- ELM
- AkzoNobel
- ecoSubsea
- IAOOGP
- CleanSubSea
- DHI
- SONIHULL
- TAS GLOBAL
FINSMART
(IMO, WB, EBRD)

• Roundtable for Financial Institutions to focus on sustainable maritime transport and innovations

• Identify barriers and needs for financing in developing countries

• Jointly identify and develop innovative financial solutions
NEXTGEN
(Singapore Partnered)

NextGEN: Shaping the Future of Maritime

"NextGEN", where GEN is short for "Green and Efficient Navigation", is a joint project between MPA and IMO aiming to develop a collaborative global ecosystem of maritime transport decarbonisation initiatives.

NextGEN is a joint partnership by
Promote inclusive innovation by bringing together:

- Key maritime stakeholders across the maritime value chain
- Maritime-Environment-Climate Change Ministries, key ocean stakeholders
- Regions, developed-developing countries/LDCs, SIDS
- R&D Centers, innovators, Academia, Financial Institutions

Innovation Forum (Norway funded)
Thank You! We are open for partnerships

https://www.imo.org/en/OurWork/PartnershipsProjects/Pages/default.aspx