



GREEN SHIPPING: URGENT MOVE TO FIGHT CLIMATE CHANGE

Background

According to International Maritime Organization (IMO) research on greenhouse gas (GHG) emissions, international shipping's GHG emissions account for 3% of the global total. If no measures to control shipping-related emissions are taken in the future, the industry's contribution to GHG emissions will more than double in the coming years. To this end, the IMO adopted a preliminary international shipping GHG emission reduction strategy in 2018. 174 member states agreed to reduce their GHG emissions from shipping by at least 50% compared to the 2008 level by 2050. Furthermore, in 2019, the High-Level Panel for a Sustainable Ocean Economy released "The Ocean as a Solution to Climate Change" report, which analyzed the maritime shipping industry's huge potential in reducing GHG emissions and addressing climate change.

On the virtual EU-China Summit on September 14, China and the EU agreed to establish a High-Level Dialogue on Environment and Climate and to forge China-EU green partnerships. In addition, the European Parliament also adopted an amendment to EU-wide regulations on maritime emission monitoring, reporting and verification (MRV) on September 15, facilitating the inclusion of carbon emissions from ships departing or arriving at the ports of the 27 EU member states into the EU's carbon market.

In the current context of China and the EU's cooperation to address climate change, how can key sectors like the shipping industry participate in the carbon market's development, mobilize stakeholders such as ports, shipping companies, shipbuilders and fuel suppliers to work together in reducing the industry's GHG emissions, and in turn realize a low-carbon, green transition? To answer these questions, the Belt and Road Initiative International Green Development Coalition's (BRIGC) Oceans thematic partnership and the Environmental Defense Fund will jointly hold a seminar, "Green Shipping: An Urgent Step to Fight Climate Change", during the UN Climate Week. The webinar invites global experts to discuss topics related to green shipping, including the areas specified as follows:

1. The potential emission reduction measures and impacts of the shipping industry
2. The IMO's international shipping emission reduction strategy and long-term plan
3. The impact of the EU's maritime emissions amendment on including ships in the EU's carbon market
4. Coordinated management of shipping-related GHG emissions and ports' pollution emissions
5. Challenges, opportunities and financing channels for international and regional cooperation on green shipping



Hosts

BRI International Green Development Coalition Ocean Thematic Partnership

Environmental Defense Fund, EDF

Date

8:00pm to 10:00pm Beijing Time, Sept 24th, 2020

Agenda

Session 1: Opening & Keynotes

Moderator: **Jill Duggan**, Executive Director of Environmental Defense Fund Europe

Brief Introduction and Online Survey (10')

Opening Remarks (15') :

- **Erik Solheim**, Convener of the Advisory Committee of BRIGC, Advisor of World Resources Institute (5')
- **Camille Bourgeon**, Technical Officer, Marine Environment Division, IMO (5')
- **LI Yonghong**, Deputy Director General, Foreign Environmental Cooperation Centre, MEE, China (TBC) (5')

Keynote Speeches (35')

- *The Opportunities and Challenges on International Shipping Industry Emission Reduction Strategy*
Aoife O'Leary, Director, International Climate, EDF Europe (8')
- *Energy Transition – a Maritime Forecast to 2050*
Tore Longva, Principal Consultant, DNV GL (8')
- *Emissions and health impacts from global shipping embodied in trade*
LIU Huan, Tenured associate professor in School of Environment at Tsinghua University, Newton Advanced Fellowship (8')
- *Green Ports Development*
LU Xuyang, Vice Director, Urban Construction, Environment Resources Commission, The Standing Committee of Shenzhen Municipal People's Congress (8')

Session 2: Panel Discussion & Conclusions

Moderator: **ZHANG Jianyu**, VP, China Chief Representative of EDF

Panel Discussion (50')

Panellists:

- **Camille Bourgeon**, Technical Officer, Marine Environment Division, IMO
- **CAI Meijiang**, The full-time external director of the COSCO Shipping Group
- **LIU Huan**, Tenured associate professor in School of Environment at Tsinghua University, Newton Advanced Fellowship
- International Shipping Company Representative (TBC)
- Government Officials (TBC)

Conclusions (10')



About us

The BRI International Green Development Coalition (BRIGC) aims to integrate the concept of sustainable development into the Belt and Road Initiative and facilitate the achievement of the 2030 Agenda for Sustainable Development. The Coalition aims to provide a platform for policy dialogue and communication, for environment knowledge and information, and for green technology exchange and transfer, and facilitate activities of thematic partnerships with concrete outcomes. The Ocean Thematic Partnership is one of ten partnerships of BRIGC, which was convened in 2019. The lead partners include National Marine Environmental Monitoring Center, South China Institute of Environmental Sciences, Environmental Defense Fund, Norway DNV GL and Bloomberg Philanthropies. The ocean thematic partnership aims to unleash the potential of cooperation in marine environment governance and promote relevant policy research, capacity building and substantive cooperation to enlarge the influence of the Belt and Road Initiative and BRIGC, gather consensus on marine environment governance among countries along the Maritime Silk Road, promote a feasible and fair global marine environment governance system for win-win cooperation and collaboratively draw up the blueprint for the maritime community with a shared future.

Environmental Defense Fund (EDF) Founded in 1967 and headquartered in New York, EDF is one of the world's leading environmental organizations. EDF has more than 2.5 million members, a staff of nearly 700 professionals, and 12 offices around the world including the United States, China, United Kingdom, and Mexico. Areas that EDF works in include: climate and energy, oceans, ecosystems, health, etc. Since inception, EDF has been guided by principles of science and economics to find practical and lasting solutions to the most serious environmental problems. In 1997, EDF has formally operated in China and established extensive and mutual trust partnerships with Chinese governments, enterprises, and social organizations at all levels in the fields of environment, energy and climate. In June 2017, according to the Law of the People's Republic of China on the Administration of the Activities of Overseas Non-Governmental Organizations in China, EDF registered and established the Beijing Representative Office, which is the first overseas non-governmental organization with the Ministry of Ecology and Environment as its competent business unit.