

2024/TPTWG/MEG/TM1/008 Agenda Item: 3.6

#### Update on Green Port Development and Policies of Viet Nam

Purpose: Information Submitted by: Viet Nam



Thematic Session on Supporting the Identification and Integration of New and Emerging Smart and Sustainable Maritime Technologies and Services 4 April 2024



Asia-Pacific Economic Cooperation

## **Update on Green Port Development/Policies of Viet Nam**

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April 04, 2024

# Viet Nam government commits to reducing emissions in the maritime sector





Asia-Pacific Economic Cooperation PRIME MINISTER OF VIETNAM

SOCIALIST REPUBLIC OF VIETNAM Independence - Freedom – Happiness

No. 876/QD-TTg

Hanoi, July 22, 2022

#### DECISION

APPROVING THE ACTION PROGRAM FOR TRANSITION TO GREEN ENERGY AND MITIGATION OF CARBON DIOXIDE AND METHANE EMISSIONS FROM TRANSPORTATION

#### THE PRIME MINISTER OF VIETNAM

Pursuant to the Law on Governmental Organization dated June 19, 2015, taw on amendments to the Law on Governmental Organization and the Law on Local Government Organization dated November 22, 2019;

At the request of the Minister of Transport,

#### HEREBY DECIDES.

Article 1. Approving the Action Program for Transition to Transition to green energy and mitigation of carbon dioxide and methane emissions from transportation (hereinafter referred to as "the Action Program for Transition to Green Energy") as follows:

#### I. PROGRAM CONTENTS

1. Points of view

 Transition to green energy is the best fundamental and significant task during the period of achievement of green growth as well as fulfillment of the commitment of Vietnam at the 26th Conference of the Parties (COP26) to the United Nations Framework Convention on Climate Change (UNFCCC); and it is also an opportunity for the transportation to have the uniform development in the direction of modernization and sustainability and catch up with the world's advanced development trends and levels.

## Approved roadmap for green transformation in the maritime industry

enclosed with the Prime Minister's Decision (No. 876/QĐ-TTg)



INVEST IN VEHICLES AND EQUIPMENT USING ELECTRICITY AND GREEN ENERGY OR HAVE EQUIVALENT MEASURES AT NEW INVESTMENT PORTS AND ADDITIONAL INVESTMENTS

1. ENCOURAGE VIETNAMESE SHIPS OPERATING DOMESTICALLY TO COMPLY FULLY WITH THE REQUIREMENTS OF ANNEX VI OF THE MARPOL CONVENTION.

2. ENCOURAGE THE CONVERSION OF VEHICLES AND EQUIPMENT TO USE ELECTRICITY AND GREEN ENERGY 1.VIETNAMESE SHIPS OPERATING DOMESTICALLY TO COMPLY FULLY WITH THE REQUIREMENTS OF ANNEX VI OF THE MARPOL CONVENTION.

2. NEWLY BUILT, CONVERTED, AND IMPORTED SHIPS AFTER 2035 USE ELECTRICITY AND GREEN ENERGY; FROM 2050, 100% OF SHIPS OPERATING ON DOMESTIC ROUTES WILL CONVERT TO USING ELECTRICITY AND GREEN ENERGY. CONVERT VEHICLES AND EQUIPMENT AT EXISTING PORTS AND MARITIME SIGNALING DEVICES TO USE ELECTRICITY, GREEN ENERGY OR EQUIVALENT MEASURES



Fr.2040

ALL VEHICLES, PORT EQUIPMENT AND MARITIME SIGNALLING EQUIPMENT USE ELECTRICITY, GREEN ENERGY OR EQUIVALENT MEASURES. Tasks and solutions for the maritime industry



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**GREEN MARITIME INFRASTRUCTURE** 

**REDUCING GREENHOUSE GAS EMISSIONS** 

**INSTITUTIONS, POLICIES AND PLANNING** 

**ELECTRICITY AND GREEN ENERGY USAGE** 



INTERNATIONAL COOPERATION SCIENCE AND TECHNOLOGY HUMAN RESOURCE DEVELOPMENT

**ENERGY USE EFFICIENCY** 



**GREEN PORT IMPLEMENTATION** 



### SOME SOLUTIONS FOR IMPLEMENTING THE GREEN PORT MODEL IN VIETNAMESE SEAPORTS

promulgate Develop and policy mechanisms and review, Compulsory Develop and amend and supplement application of promulgate basic green relevant regulations to meet port standards at all standards on green Green Port criteria port criteria ports Voluntary application of Green · Pilot the Green Port Port Criteria in seaports model in a number of seaports From 2030 2025-2030 2020-2025

## VINMARINE implementation progress

- Viet Nam Maritime Administration has been conducting propaganda and dissemination of programs and action plans of the Government, Ministry of Transport to seaport and shipping enterprises to know and have plans for investment and exploitation business in accordance with the roadmap and commitments of the Government;
- The Vietnam Maritime Administration has been directing planning consultants to integrate viewpoints and goals of green energy transition, greenhouse gas reduction and green seaport development into the master plans for development of Vietnam's seaport system and detailed planning of port groups;
- Vietnam Maritime Administration develops and promulgates TCCS 02:2022/CHHVN base standard on green port criteria (in Decision No. 1909/QD-CHHVN dated 29/12/2022); Currently applied at seaports in Vietnam;
- Vietnam Maritime Administration is also reviewing, amending and supplementing the legal corridor on green ports and green transformation;
- Prioritize inland waterway transport development and investment in inland water ports on important water transport routes connect to seaports. MOT of Viet Nam was developed inland waterway transport route connect to seaport. Some seaports are in the Top inland waterway transport operators in Vietnam (Haiphong Port, Saigon Port, Germadept, Saigon Newport.v.v.).
- Currently, the Vietnam Maritime Administration is also promoting and requesting support from economies to improve capacity, develop mechanisms, policies and technical assistance, green transformation projects

