APEC Port Services Network Report

Purpose: Information
Submitted by: China

2017/TPTMM/018
Agenda Item: Session 1

10th Transportation Ministerial Meeting
Port Moresby, Papua New Guinea
6-8 October 2017
APSN REPORT

GREEN PORT AWARD SYSTEM (GPAS)

10th APEC TRANSPORTATION MINISTERIAL MEETING
PORT MORESBY, PAPUA NEW GUINEA
6th to 8th OCTOBER 2017

Mr. Fei Weijun
Secretary-General, APSN
APSN at A Glance

Established by APEC Leaders at its 14th Meeting

2006

18 NOVEMBER 2006, HANOI, VIETNAM

The APSN was initiated and endorsed by all leaders at the 14th APEC Economic Leaders' Meeting held in Viet Nam in 2006, established under the auspices of APEC in 2008, supported by APEC Transportation Ministerial Meeting and all member economies.

Currently, 18 APEC member economies have joined the APSN as Council Members.
Goals of APSN

Networking for Stronger Port Industry and Better Community

**ONE**
Promote the development of APEC Port industry

**TWO**
Encourage capacity-building and information sharing

**THREE**
Bridge between APEC port and competent authorities

**FOUR**
Encourage enhanced safety, security, efficiency and environment
18 of 21 APEC member economies have joined APSN.

- 18 Council Members
- 15 Advisory Board Members
- 100+ Regular Members
APSN Workshops: 2008-2018

2009
Conference on Port Development
SHENZHEN, CHINA

2010
Free Trade Zones at ports
SHANGHAI, CHINA

2011
Green Port
SAN FRANCISCO, USA

2012
Green Shipping and Supply Chains
HONG KONG, CHINA

2013
Green Ports: Time for Action and Innovation
PHUKET, THAILAND

2014
Gateway Ports and Supply Chain Connectivity
SEATTLE, USA

2015
Improving Port and Supply Chain Connectivity
CEBU CITY, THE PHILIPPINES

2016
Safety of Dangerous Goods at Ports
PENANG, Malaysia

2017
Restructuring of Shipping and Port Industry, Trends and Challenges
HO CHI MINH, VIET NAM

2018
APEC Port Connectivity Forum
SINGAPORE
GPAS Objectives: Encouragement

- Awareness & Understanding
- Willingness & Determination
- Guide & Roadmap
- Sharing & Learning
### GPAS Indicator System

<table>
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<tr>
<th>Primary Indicator</th>
<th>Secondary Indicator</th>
<th>Reference Standard</th>
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| Commitment and Willingness (25%)     | Green Port Awareness and Willingness (60%) | (1) Green strategy or development plans  
(2) Green support funding  
(3) Green annual reports  
(4) Others |
|                                      | Green Port Promotion (40%)                 | (1) Green training programs  
(2) Green promotion campaigns  
(3) Others |
| Action and Implementation (50%)      | Clean Energy (15%)                         | (1) Using renewable energy sources  
(2) Using of LNG  
(3) Using cold ironing (shore power)  
(4) Others |
| Energy Saving (30%)                  | Environmental Protection (40%)             | (1) Air pollution prevention  
(2) Noise control  
(3) Waste treatment (liquid and solid)  
(4) Others |
| Green Management (15%)               |                                            | (1) Green environment management system  
(2) Green performance assessment  
(3) Others |
| Efficiency and Effectiveness (25%)   | Energy Saving (40%)                        | (1) Energy consumption reduction  
(2) Renewable energy increment  
(3) Others |
|                                      | Environmental Protection (60%)             | (1) Air quality improvement  
(2) Noise control result  
(3) Liquid & solid pollution control  
(4) Others |
GREEN INITIATIVES OF APSN

Green Port
SAN FRANCISCO, USA

2011

Green Ports: Time for Action & Innovation
PHUKET, THAILAND

2012

Green Shipping and Supply Chains
HONG KONG, CHINA

2013

Pilot Projects
8 Ports from 6 APEC Economies

2014

Officially Launched

2015

2016
<table>
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<tr>
<th>APSN GREEN PORT 2016</th>
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<tbody>
<tr>
<td><strong>Bangkok Port, Thailand</strong></td>
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<td><strong>Jurong Port, Singapore</strong></td>
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</table>
| **Beilun 2nd Container Terminal, Ningbo**  
ZHoushan Port, China |
| **Port Klang, Malaysia** |
| **Port of Singapore, Singapore** |
| **Port of Tanjung Pelepas, Malaysia** |
| **Sixth Port Branch, Qinhuangdao Port, China** |
GPAS 2017 APPLICANTS

- Chi Wan Port, China
- She Kou Port, China
- Bintulu Port, Malaysia
- Johor Port, Malaysia
- PSA Singapore, Singapore
- Port of Batangas, The Philippines
- Port of Cagayan de Oro, The Philippines
- Tan Cang Cat Lai Port, Viet Nam

Evaluation Undergoing...
Objective: Bridge the Gap Between the Expectations and Practice

Share Best Practices, experts’ views on green initiatives

Improve GPAS Implementation
2018 APSN Key Events

- APEC Port Connectivity Forum, Singapore
- APSN 10th Anniversary Celebration
- 2017/2018 GPAS Awarding Ceremony
- GPAS Workshop
- APSN Study Center Inauguration
Thank You!

For your continuous and invaluable guidance and support to APSN

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