

Japan's Report : Trend of global TBM of recyclable wastes including impact of China's regulation

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1. Trend of global TBM of plastic wastes.

2. Prevention of Illegal Export

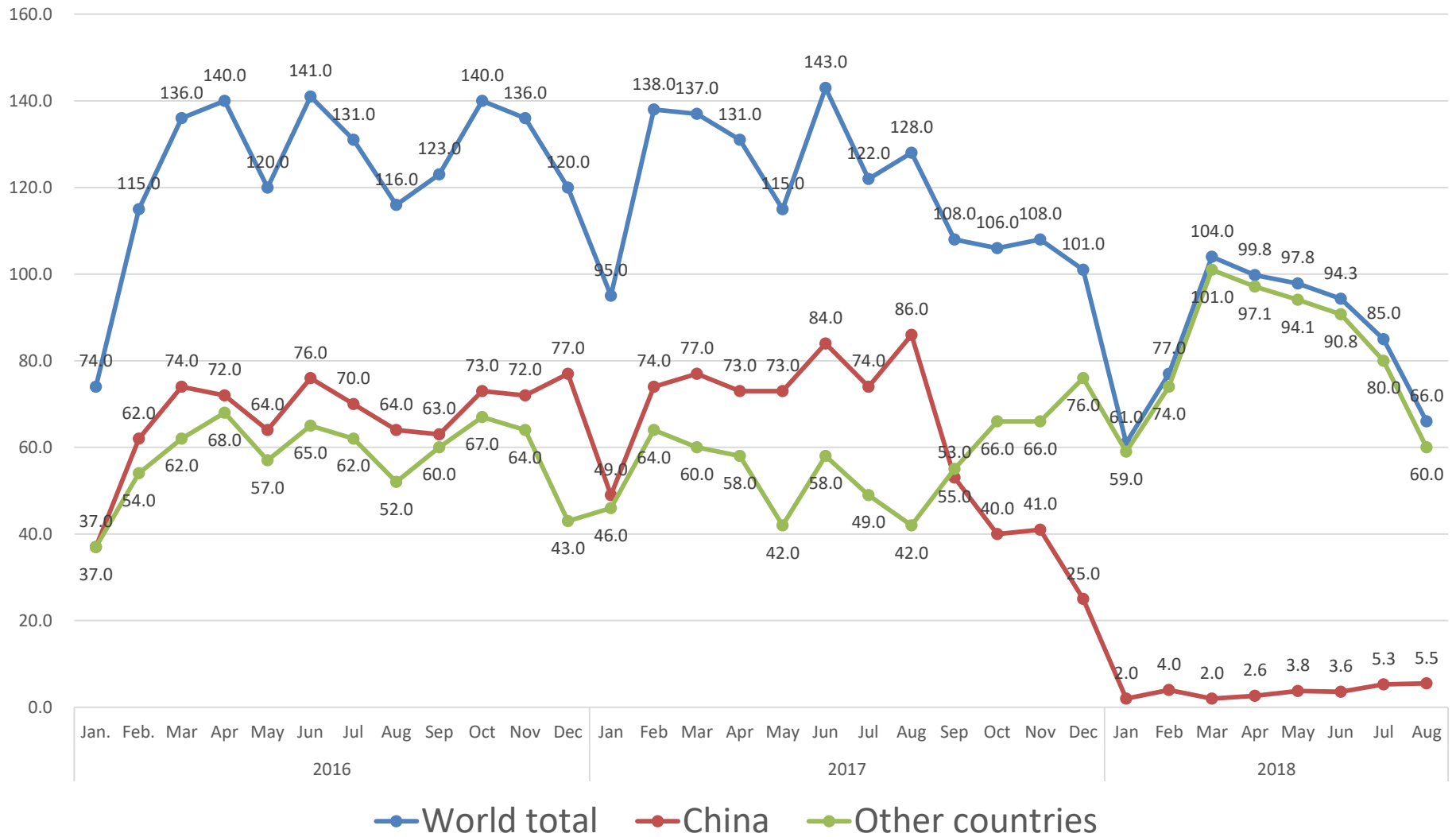
3. Plastic strategy in Japan

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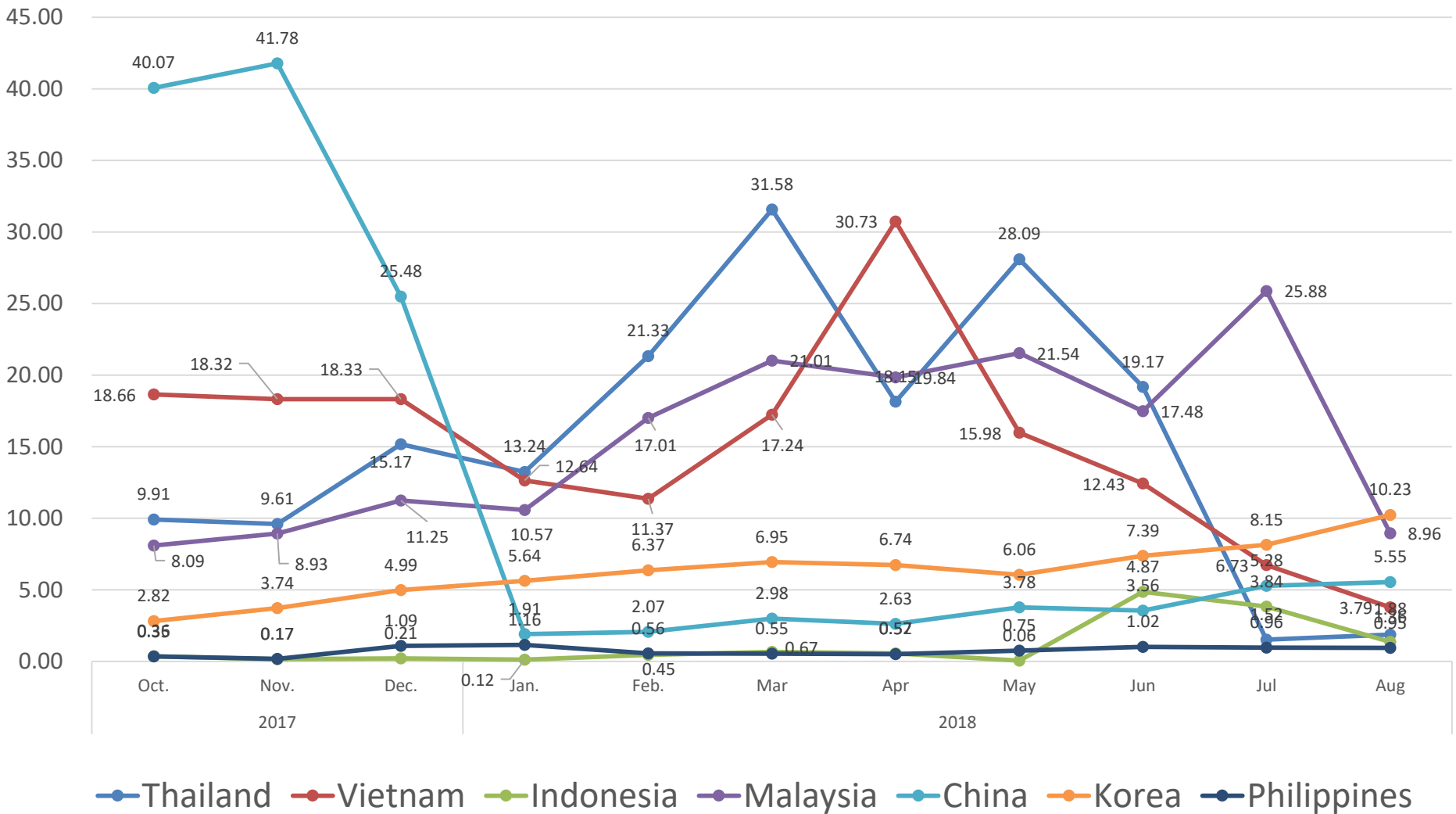
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Export amount of Plastic wastes from Japan



Export amount of Plastic wastes from Japan to Asian countries



Impact of China's regulation in Japan

- Huge amount of plastic wastes are accumulated in yard after the china's regulation. Exporters change the destination countries to South east Asian countries.
- We know that the plastic waste problem occurred in import countries. Japanese government persuade the exporters to confirm the import country's regulation. However it is difficult to stop the export of the plastic waste because the export isn't illegal under the Japanese regulation.
- We often share the importer information with the competent authority of import country.



Basic attitude of the Japanese government



Mr. Nakagawa, ex-minister of the environment

Comments of the minister of the environment , Mr. Nakagawa, at the press interview after the meeting with Chinese government (Jun. 2018)

Journalist :

Import ban of plastic waste by the Chinese government occurs some trouble in the waste management in Japan. What did you talk about this topic during the meeting with Chinese government? Did you request them to restart the import of the plastic waste?

Minister of the Environment:

I heard from Chinese government that the background and purpose of this import ban in detail. I said that we agree that the new import regulation of China because this regulation will contribute to improve the environment in China. I didn't request Chinese government to restart the import of plastic waste. I asked them to keep the communication between china and Japan in order to prevent the illegal shipment.



We are trying to establish new plastic recycling system in Japan without exportation of plastic wastes

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Coastal Operations

- 8 MOE Regional Offices support inspection of Custom Offices.
 - Customs need clear guidance to judge control subjects objectively
- Regional offices carry out joint patrols, on-site inspections with customs



Inspecting a container of plastic waste

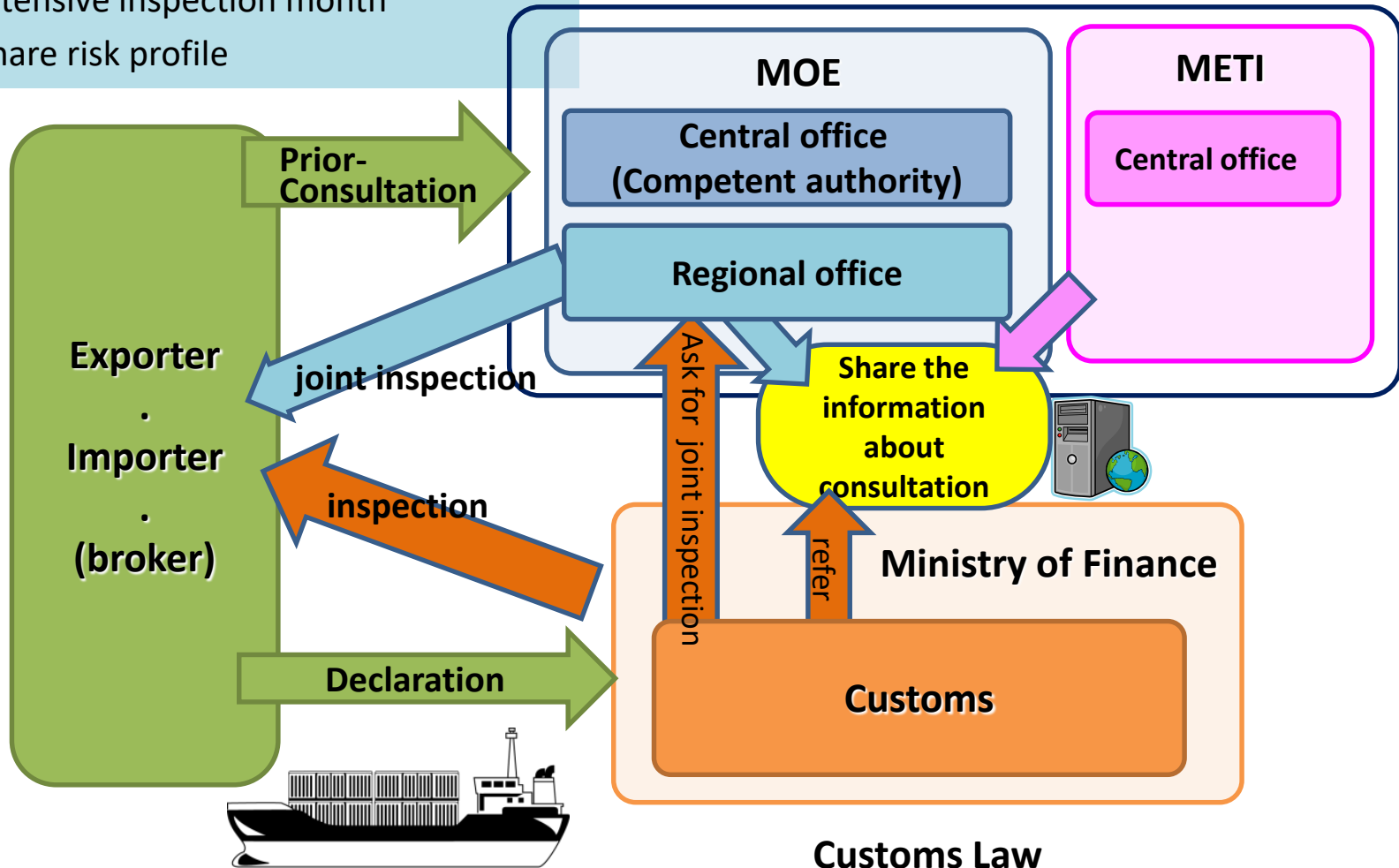


Patrolling a scrap metal yard

Cooperation among relevant Ministries

■ Cooperation with Customs

- Personnel exchange
- Annual Meeting, exchange of opinions
- Intensive inspection month
- Share risk profile



Illegal cases

- We often find illegal shipment by cooperation among the relative ministries.(ex. Lead acid batteries, E-waste and dirty plastics)
- We stop the export and share the company name among the relevant ministries for efficient inspection in port



to Sri Lanka, dirty plastic waste



to Malaysia, house hold waste₁₁

Awareness Raising

Annual Seminar for exporters/importers



Information dissemination by website



Brochure



Prior-export/import Consultation Service



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Concerns from marine plastic pollution

Beach litter along the coastline



Tobishima, Sakata, Yamagata



Tsushima, Nagasaki

*Samples of drifted wastes



Fishing gear



Plastic container



Detergent container

Negative impacts

- Concerns regarding marine life
- Obstruction for ship sailing
- Impacts on tourism and fishery
- Impacts on the residential environment along the coast

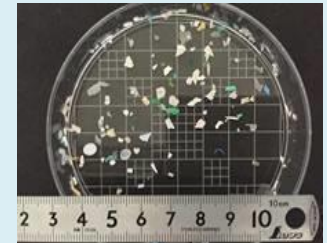


Source: UN World Oceans Day



A whale has died after swallowing more than 80 plastic bags

Source: Ministry of Natural Resources and Environment, Thailand



Small plastic fragments
Source: Isobe lab, Kyusyu university

Action against marine plastic waste

Both international and domestic action will be taken by the 2019 G20 in Japan

The plastic strategy

- Deliver a strategy which covers the goals in the G7 Ocean Plastics Charter, based on the 4th Fundamental Plan for Establishing a Sound Material-Cycle Society

Basic policy on measures against marine litter

- Revise to accelerate the actions on monitoring, collection and treatment, prevention and international cooperation, based on the 2018 amendment of Marine Litter Act

International communication & action

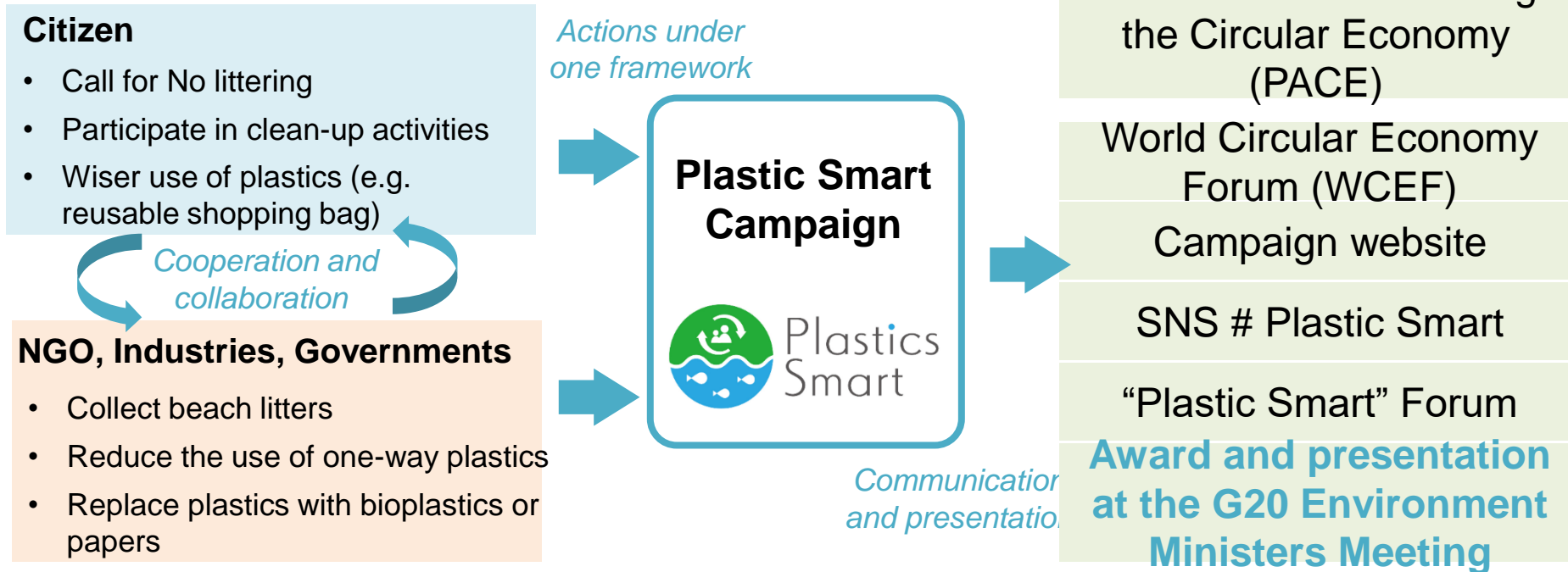
- Collaboration with developing countries to reduce marine plastic waste globally
- Support action including plastic waste prevention in developing countries
- Develop monitoring and research network

Foster stakeholders action

- Raise awareness and encourage private sectors and municipalities to act
- Accelerate collection and treatment of marine litter and prevention measures through river basin areas

“Plastic Smart Campaign”

Best-practices of “smarter relation with plastic” will be presented through multiple platforms in the campaign

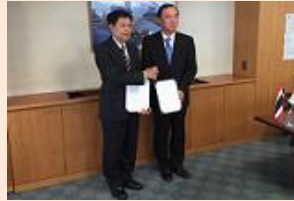


International cooperation with other countries

Contribution through exporting a package of waste management technologies, systems, and support for human resource development

Bilateral cooperation: Support for system development

- Thailand: Memorandum of Cooperation on industrial waste management
- Vietnam: assistance for national 3R strategy development
- Philippines: support to form the waste-to-energy guideline



Ongoing projects in Asia-Pacific

- Introduction of waste to energy plant in Yangon, Myanmar
- F/S for waste-to-energy facility construction in Davao, Philippines
- Comprehensive support program for introducing waste-to-energy technology to Indonesia



*Incineration plant (60t/ day)
completed in April 2017 in
Yangon*

Multilateral cooperation: Regional 3R Forum in Asia and the Pacific

- 8th Forum was held in Indore, India in April 2018
- More than 700 participants including Ministers from Asia-Pacific countries

G20 Ministerial Meeting on Energy Transitions and Global Environment for Sustainable Growth

- **Ocean plastic waste could have a negative impact on the ecosystems of oceans.**
- **This could not be solved through the efforts of the developed countries alone, so it is necessary to treat as a challenge for the entire world including the developing countries.**
- **Japan intends to promote cooperation to support the introduction of environmental infrastructure for these purposes, and to tackle these issues at next year's G20.**

(Prime Minister Abe, at G7 Charlevoix Summit, June 2018)

- Date: June 15 to 16, 2019
- Place: Karuizawa town, Nagano Prefecture
- Co-organized by The Ministry of the Environment, and the Ministry of Economy, Trade and Industry
- First time for G20 to convene the meeting of environment ministers
- The key message: Development and diffusion of Innovation would lead to “high quality life” by contributing to solving environmental, economic social issues simultaneously, and to “new avenues for growth”
- Following G20 Summit in Osaka on June 28-29.





Thank you for your attention

Arigato gozaimasita