

Pillar 2 : Addressing Challenges in an Indo-Pacific Way

Case (13): Blue Ocean Vision

1. Basic concept

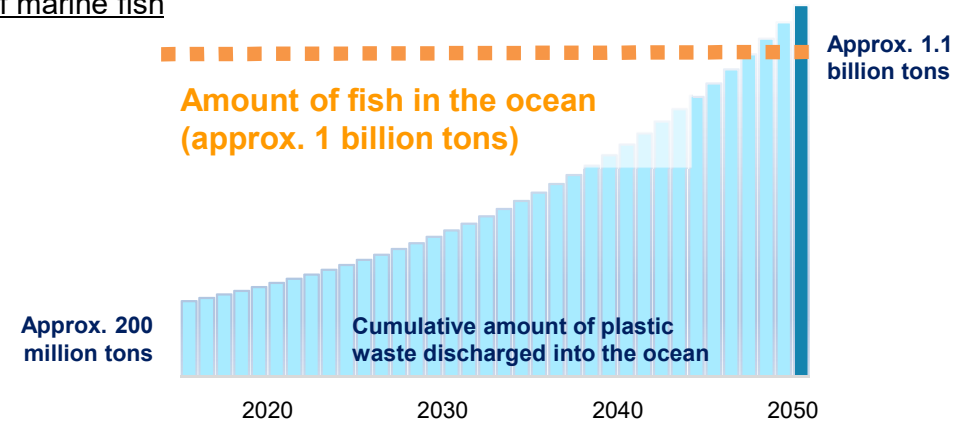
- Countermeasures against the ever-increasing marine plastic pollution in the world are pressing. Japan has been actively leading the discussions and actions since advocating the Osaka Blue Ocean Vision at the 2019 G20 Osaka Summit.
 - Also through in the international negotiations that began at the end of last year to formulate an international legally binding instrument on plastic pollution, Japan is taking the lead in creating the effective and progressive treaty engaging many countries including high plastic consuming and emitting countries.
- ⇒ **To end plastic pollution, Japan supports the development of social infrastructure that realizes resource circularity of plastic from manufacturing to disposal and recycling, as well as collecting and sharing scientific knowledge, so that the clean oceans and rich resources in the Indo-Pacific can be protected.**

2. Items of cooperation

- Marine plastic monitoring cooperation
(Examples) Utilization of the Guidelines for Harmonizing Ocean Surface Microplastic (MP) Monitoring Methods (formulated in 2019 and continuously revised since then); Southeast Asia Training Programme on Monitoring (continued since 2016); creation of the MP international monitoring database and mapping system
- Collection of knowledge and good practices on marine plastic litters mainly by ASEAN+3
(Examples) Regional Knowledge Centre for Marine Plastic Debris (ERIA)
- Support for marine litter management measures in the ASEAN region (JAIF)
(national action plans; capacity building of local governments; awareness-raising through TV programming, etc.)
- Waste management; marine debris collection; innovation; empowerment support (MARINE Initiative)
(Examples: support for the development of waste management infrastructure and human resources, etc.)

Increasing plastic waste discharge into the ocean

It is estimated estimate that if plastic waste continues to be discharged into the ocean, by 2050 the cumulative amount of plastic waste discharged into the ocean will be greater than the total weight of marine fish



[Assumption used for estimation in Jambeck et al. (2015, Science), etc.]

- Assume that plastic production increases 5% annually
- Assume that about 3% of plastic production (322 million tons in 2015) is discharged into the ocean

Collection of scientific data and findings



Creation of the monitoring guidelines, database, etc.



PET bottles to PET bottles
100% recycled

Technical and capacity building support

Including the export of packer trucks
Support for sophistication of waste management systems, etc.

