



Marine Litter Management in China

Ruizhi Liu

(NOWPAP ML FP of China)

NOWPAP-TEMM Joint Workshop and ICC

4-6 June 2018, Busan, Republic of Korea,

Table of Contents

National Actions in 2017

National Actions in 2018

ICC and Public awareness

1

National Actions in 2017

Action in 2017 :

- **National level:**

- 1) The implementation of “the Action Plan for Preventing and Treatment of Water Pollution”(approved by the State Council of China)
- 2) The implementation of “Action Plan for Preventing and Treatment of Offshore Pollution” (approved by ten relative ministries of China)
- 3) the implementation of “Mandatory Garbage Classification”
(started from 3/18/2017, led by China’s National Development and Reform Commission and Ministry of Housing and Urban-Rural Development)

- **Local governments:**

Many coastal cities local governments implemented the solid waste management in port and solid waste removal from river in urban regions.

National level

- 1) **“The Action Plan for Preventing and Treatment of Water Pollution”**(approved by the State Council of China)
 - item 1: Build garbage Centralized disposal facilities
 - item4: Accelerate the construction of garbage receiving, transporting and disposal facilities in port.
 - item13: Implement the third-party governance of garbage .
 - item27: Solid waste removal from river in urban regions
- Goals:** to accelerate the land-based solid waste prevention and control , reduce pollutants and improve the quality of natural water bodies.

National level

- 2) **The implementation of “Action Plan for Preventing and Treatment of Offshore Pollution” (approved by 10 relative ministries of China)**
 - Part3, Strengthening Marine Pollution Control, accelerating the construction of garbage receiving, transporting and disposal facilities in port.

National level

3) the implementation of “Mandatory Garbage Classification”
(started from 3/18/2017, led by China’s NDRC and MHURD)

It was implemented in the following cities in 2017:

- ◆ 4 Direct-controlled municipalities
(**Beijing, Tianjin, Shanghai, Chongqing**)
- ◆ Provincial capitals
- ◆ Major Cities
- ◆ 10 Other Special Cities

National level

**3) the implementation of “Mandatory Garbage Classification”
(started from 3/18/2017, led by China’s NDRC and MHURD)**

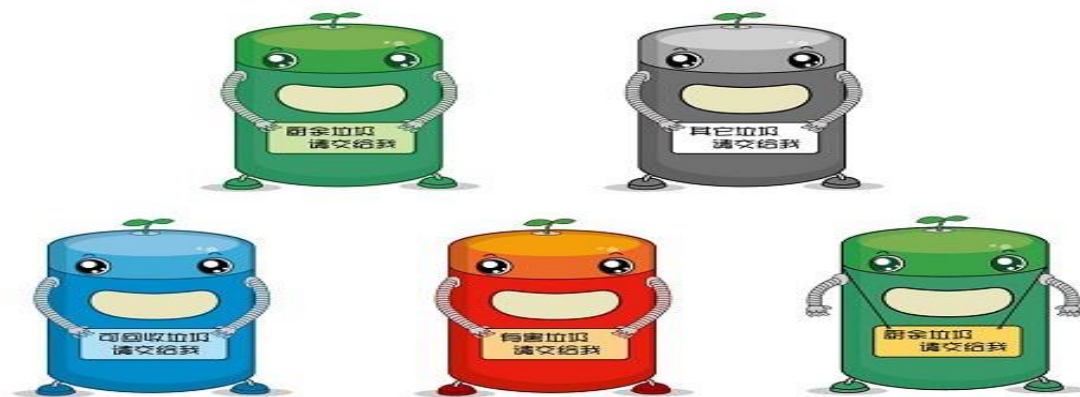
The management in the Plan including :

- ◆ Make the Introductions for garbage classification. Put harm garbage separately. Classify household waste. Make the encouragement rules for garbage classification and transportation et al.
- ◆ Establish the appropriate transportation system, collection system and the terminal disposal system

The main objective of the “Mandatory Garbage Classification”

The main quantitative goals by 2020 are :

In the major cities, the household waste sorting collection rate will reach to more than 90%; the recycling of household waste will achieve to more than 35%



2

National Actions in 2018

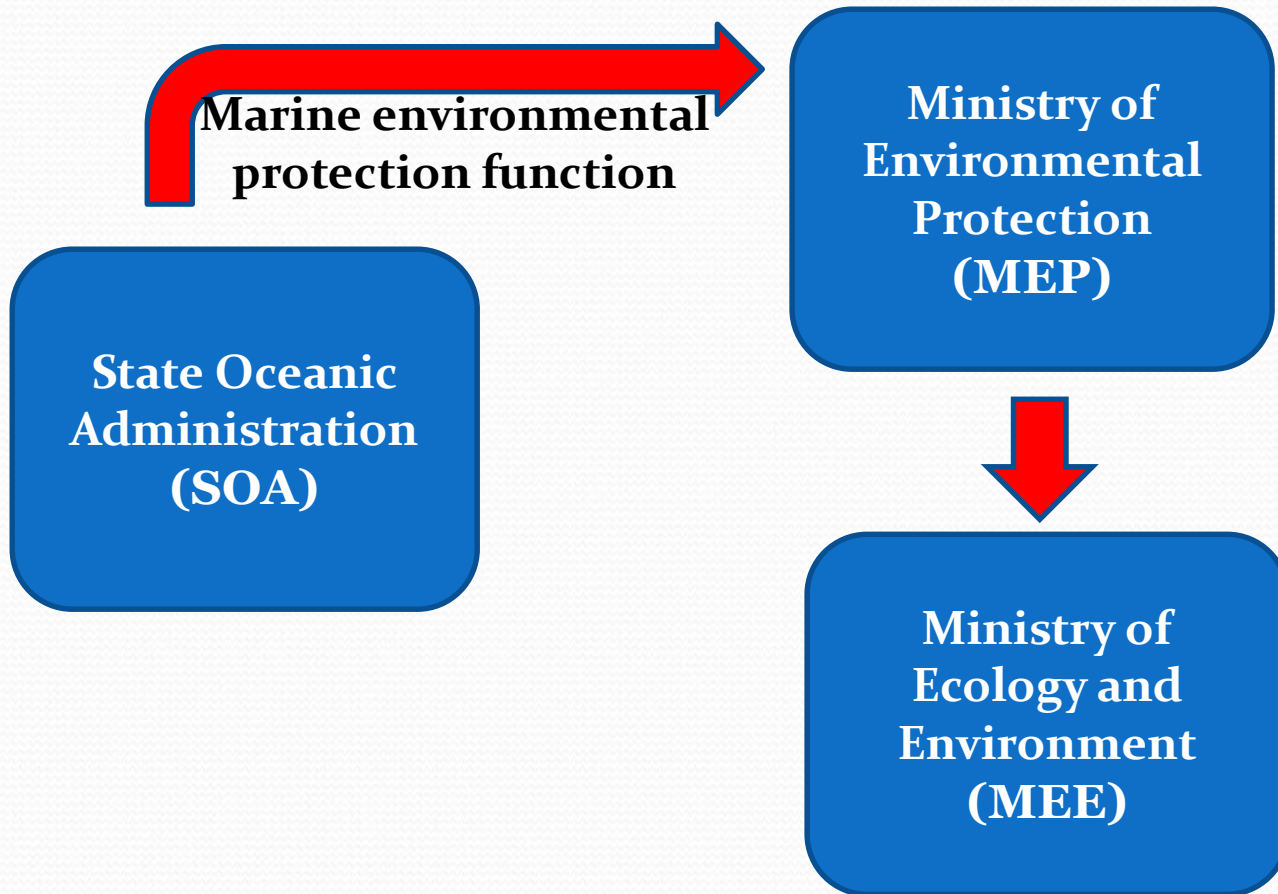
1) Institutional reform of the State Council

**Marine environmental
protection function**

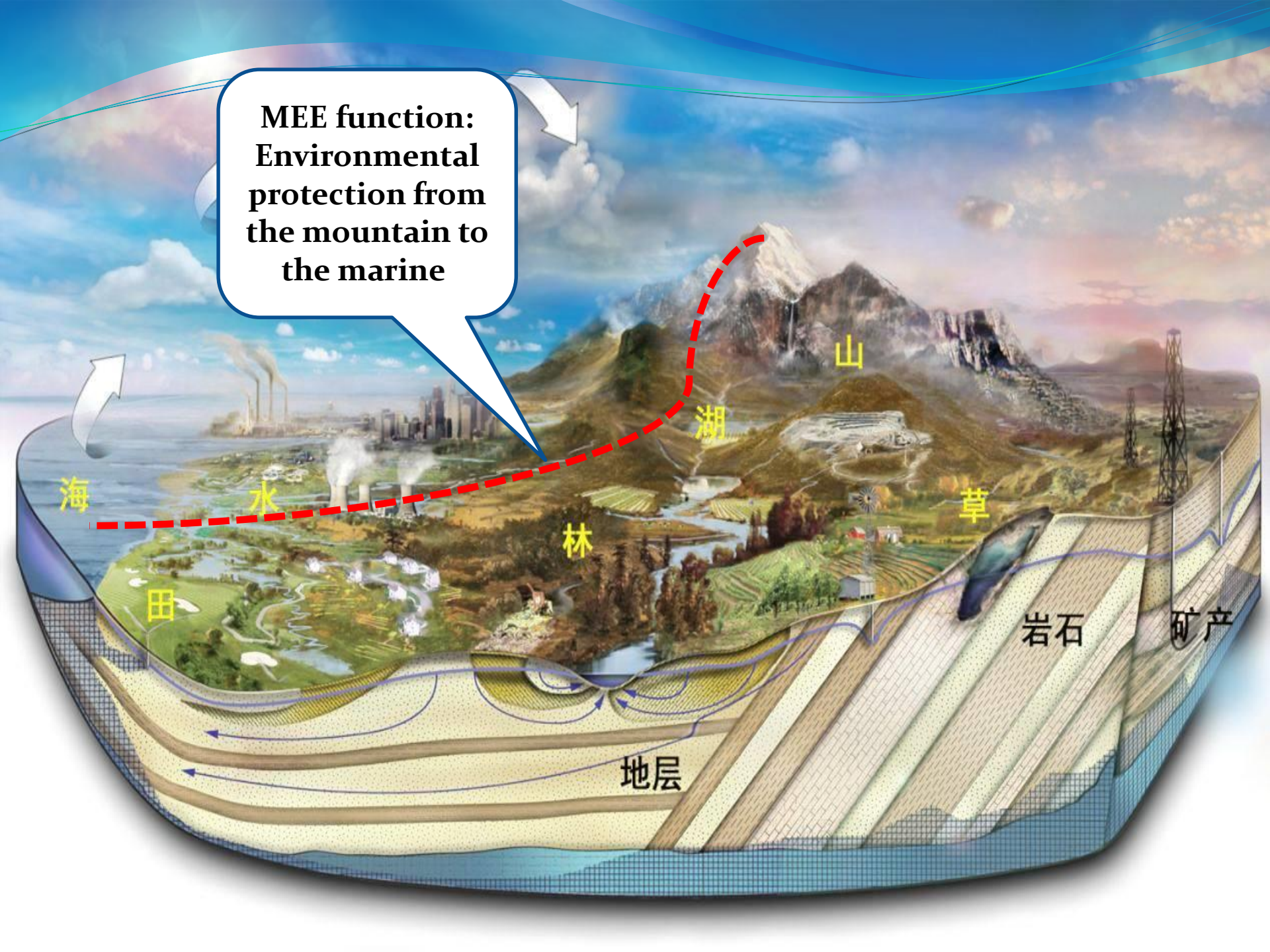
**Ministry of
Environmental
Protection
(MEP)**

**State Oceanic
Administration
(SOA)**

**Ministry of
Ecology and
Environment
(MEE)**



MEE function:
Environmental
protection from
the mountain to
the marine



2

National Actions in 2018

2) The fights against pollution (2018-2020)

1. Defence of the blue sky

2. Pollution control of diesel truck

3. Treatment of black and smelly water bodies in cities

4. Comprehensive governance in Bohai

5. Protection and restoration of the Yangtze River

6. Protection of water source

7. Pollution control in agricultural and rural areas

Including the managements and governances of solid waste from the land to the marine

2

National Actions in 2018



4. Comprehensive governance in Bohai

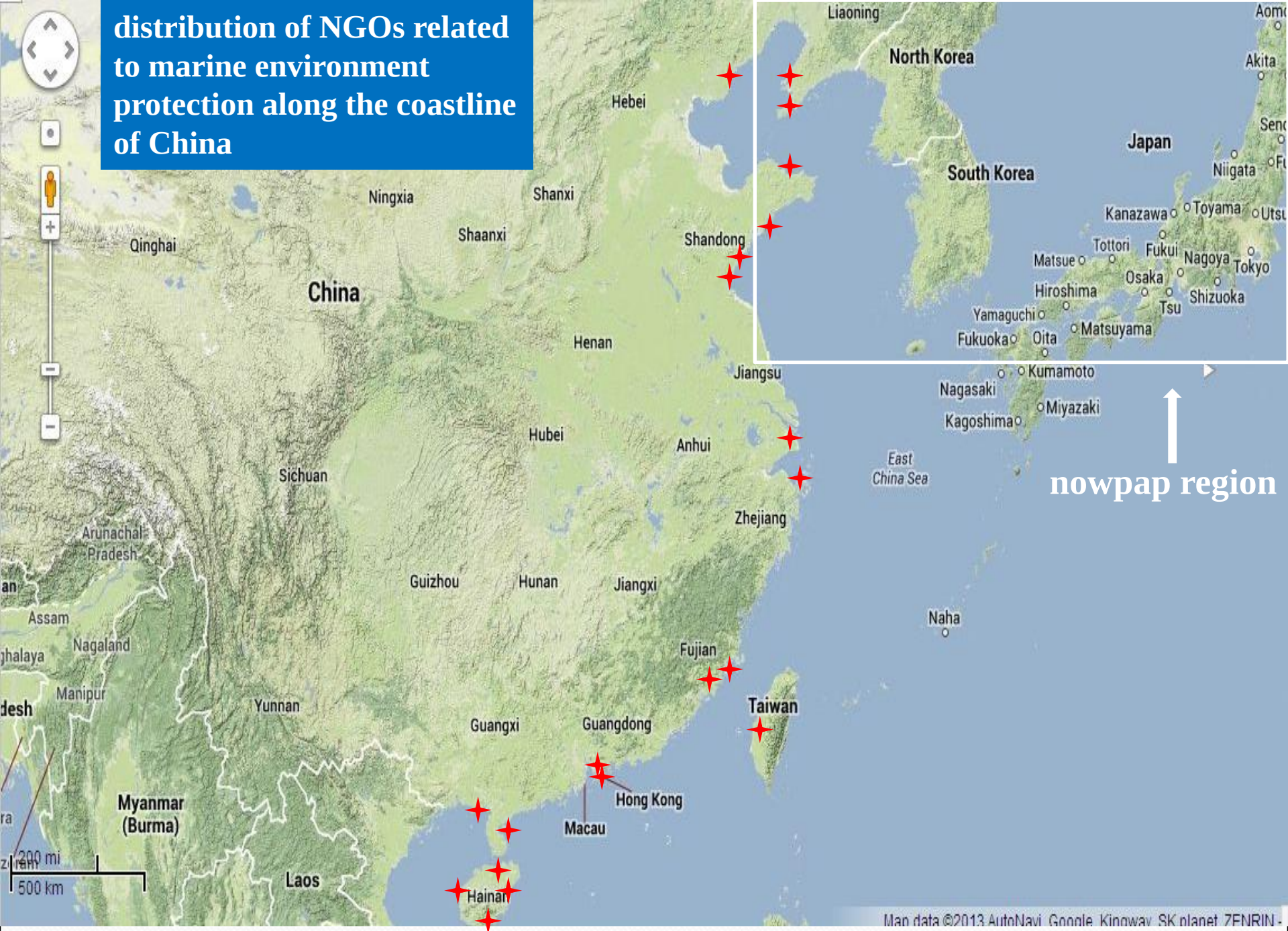
Including the removal solid waste in the coast area and in the near shore of Bohai



Organizing ML related Departments, NOWPAP related provinces, and NGOs to participate in the NOWPAP ML workshops and activities for several times. (**Rizhao, 2006; Dalian, 2008; Lianyungang, 2011, Yantai, 2015**)



distribution of NGOs related to marine environment protection along the coastline of China



垃圾收集物

请收集您所发现的所有垃圾，但只记录下列垃圾信息。
如下所示用“正”字记录数量，并将总数填在左边的空格中。

例：8 饮料罐 ### ###

与海岸和娱乐活动相关的垃圾

(来自快餐食品、海滩游客、体育运动/游戏、街道/雨水夹带的垃圾等)

110	袋子 (纸质或塑料)	14	杯子/盘子/叉子/小刀/勺子
2	气球	93	食品包装物/盒
40	塑料饮料瓶 (≤2L)		
		1	易拉罐拉环
20	玻璃饮料瓶	6	瓶装饮料固定绳网
7	金属饮料罐		霰弹枪的弹壳/弹盒
157	瓶盖/帽	158	麦管、饮料搅拌棒
11	衣服、鞋	9	玩具

与海洋/航运相关的垃圾

(来自娱乐和商业钓/捕鱼 以及船舶营运相关的垃圾)

	饵食容器/包装材料	29	鱼网
	漂白剂/洗涤剂容器	1	灯泡/萤光灯
59	浮标/浮袋	1	油/润滑油瓶
	捕螃蟹/虾/鱼用的筐	4	木条筐
	木箱	16	塑料苫布/防水苫布
20	鱼线	135	绳索
	人工诱饵、萤光棒		固定带

与吸烟相关的垃圾

500	香烟/过滤嘴		家电(冰箱、洗衣机等)
		1	电池
			建材
6	打火机		汽车/汽车零件
	雪茄头		55 加仑汽油桶
36	香烟盒		轮胎

与废弃物相关的垃圾

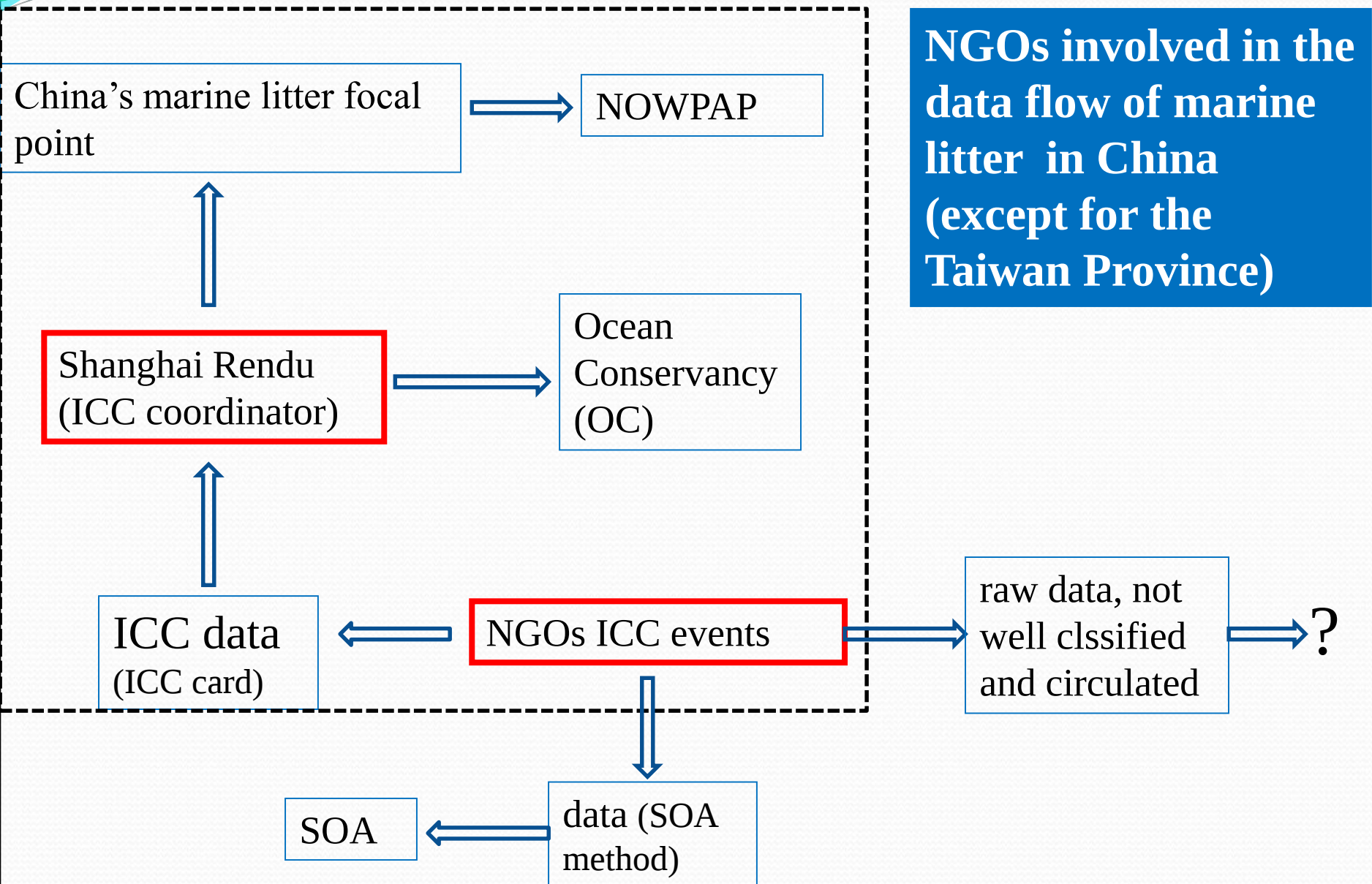
与医疗/卫生用品相关的垃圾

	避孕套		
	尿布		
	注射器		
	卫生巾/棉		

当地关注的垃圾

(记录其它三个你所关注的垃圾)

Chinese version of ICC
data card, translated from
English





DEPVA (Dalian Environmental Protection Volunteers Association)

<http://www.depv.org/>



From 2003....

Outreach + Field work



Total shoreline of 2,211 km, 1/10 of the total shoreline of China, and 73% of that of Liaoning Province, giving rise to 29,000 squared km in oceanic area

Outreach





field survey and removal of ML





Co-organized ICC events with NOWPAP RCU in Dalian City, 2008



Other Achievements...

- ◆ Dalian coastal marine litter workshop
- ◆ Guidelines to marine litter survey and control
- ◆ Survey reports on marine litter



Shanghai Rendu

nowpap region

Shanghai Rendu

<http://www.renduocean.org/>



上海仁渡海洋公益发展中心
shanghai rendu ocean npo development center

- ◆ In 2005, China began to participate in the Marine Litter Activity (MALITA) project of NOWPAP
- ◆ Shanghai Rendu was the first NGO in China Mainland to conduct marine litter monitoring and removal (2007), and has helped conduct ICC events in 21 cities (2017) to date.
- ◆ Participating in NOWPAP ICC event and workshop starting from 2011
- ◆ Collecting data and reporting to ML focal point of China and OC as well





from field to community...

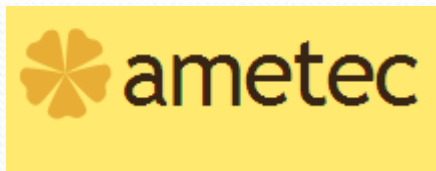




Partnerships in the NOWPAP region and beyond...



GREENPEACE



APEC Marine Environmental Training and Education Center

and many more...

A first step toward a unified platform for communication and collaboration...

The 1st workshop on China's environmental NGOs role in marine litter issues, Shanghai(China), August 24, 2013

Organized by CRAES

financially supported by UNEP under a SSFA for a project “National Report of China's Environmental NGOs in Marine Litter Issues” and technically supported by Shanghai Rendu



中國環境科學研究院
Chinese Research Academy of Environmental Sciences





Thank you!

