

Maritime State University

Central and local government's efforts in Russian Federation



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MI FP of Russia

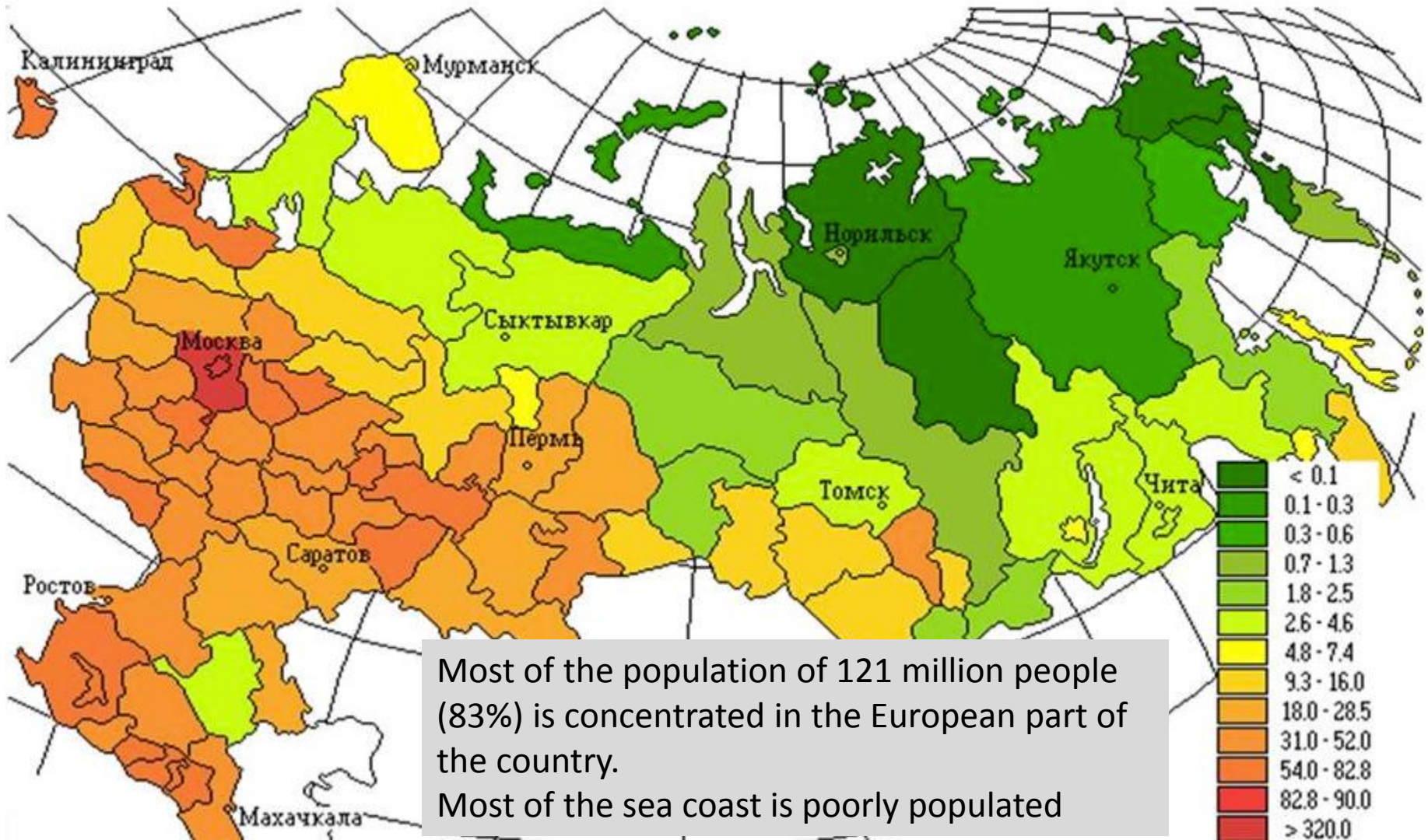
SERGEY MONINETS

19-20 September 2017, Toyama, Japan

ML Sources

#	Sea-based ML Source	Urgency for FE RF	What promotes existence?
1	Sunk vessels and ammunition	Promptly	Intensity of sea ports activity
2	Fishing instrument		Intensity of coastal fisheries and mariculture
3	Shipping	Current work	Intensity of sea ports activity
4	Pleasure craft		Climatic conditions. Coastal population concentrations
5	Navy fleet		Navy bases
#	Land-based ML Source		
1	Municipal sewage	Very promptly	Coastal population concentrations
2	Waste dump		
3	Tourism	Current work	Climatic conditions.

Population



Far Eastern Federal District of the RF

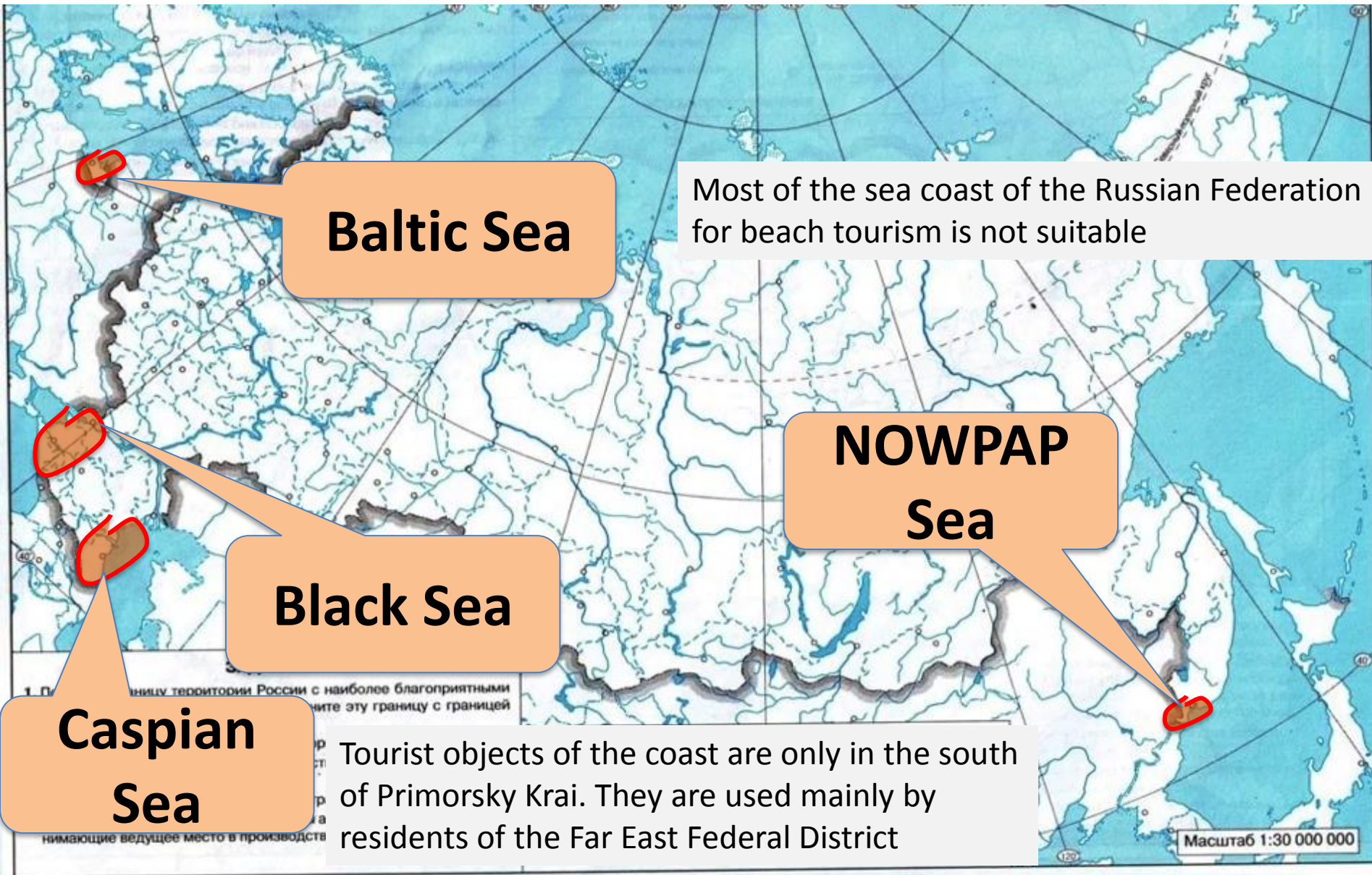


In the Far East, which occupies 36% of Russia's territory, only 6.1 million (4%) live
RF NOWPAP area - 1.4 million people. Not much more than in Prefecture Toyama

NOWPAP Area

More than 70% of Russian NOWPAP zone population is concentrated on the shore of the Great Peter Bay

Coastal tourism



Sea ports



For comparison	
Bussan	313,3 MT
Dalian	320,8 MT

"Clean Country" project

2017 in Russia is declared as the year of ecology. Measures were developed and started to be implemented within the framework of the "Clean Country" priority project.

The main works are aimed at eliminating "accumulated harm to the environment".

Scope of work - the vicinity of large cities (Moscow and Kazan), as well as the Arctic coast

Arctic after 20 years of neglect



Arctic after 20 years of neglect



Arctic after 20 years of neglect



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“General cleaning” in the Arctic



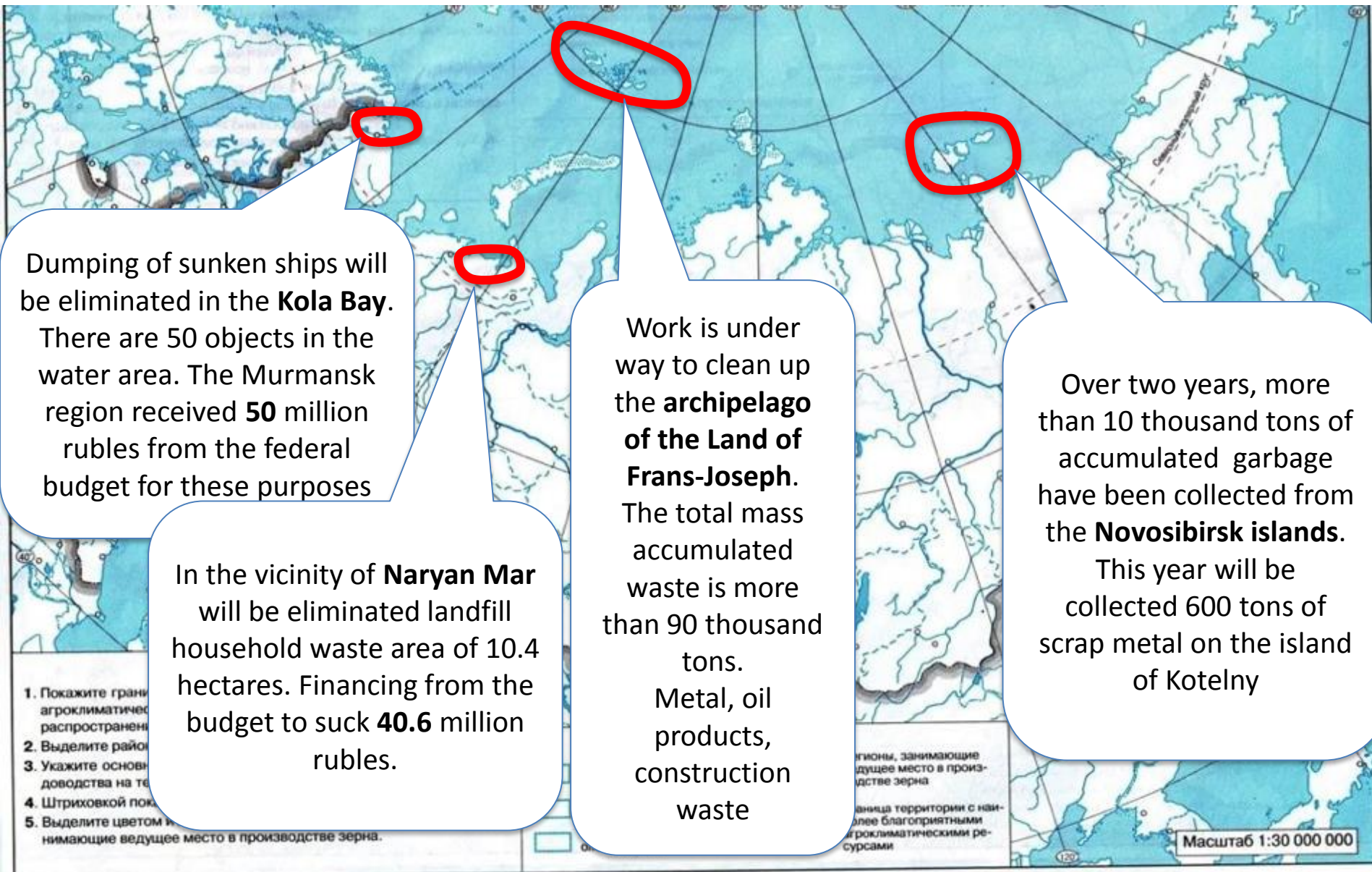
The Ministry of Natural Resources of Russia has drawn up a road map for large-scale "general cleaning" in the Arctic, scheduled for 2017-2019.

A total of 102 sites have been identified in the Arctic zone, where waste is required to be disposed of since the region was developed by the Soviet Union.

For these purposes it is planned to allocate 1.7 billion rubles (about \$ 30 million) only in 2017

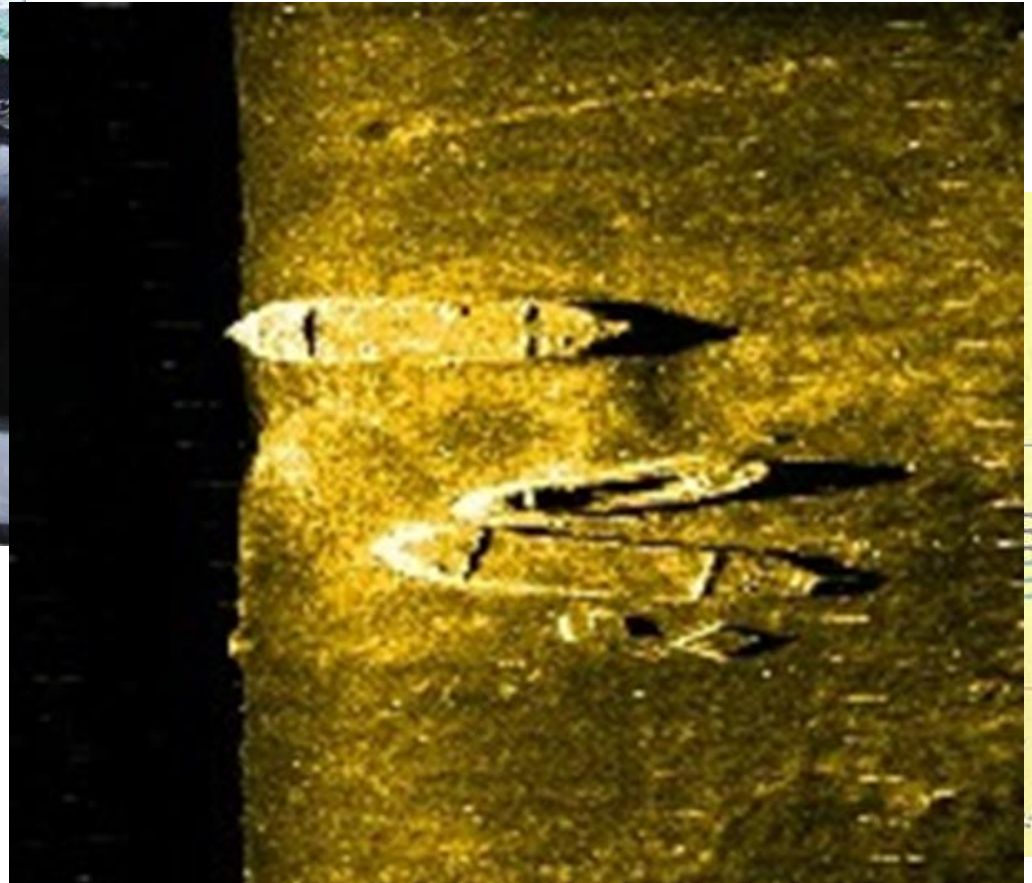


“General cleaning” in the Arctic



Port Vladivostok

The water area of the port of Vladivostok is the most polluted section of the marine area in the Russian Far East .



section of the Russian offshore area in the Far East

Gornostay bay Dump 2008



The year of refuse dump foundation	- 1967
The total alienation area	- 160 000 m²
The area, covered with garbage	- 85 000 m²
Waste volume at 2010 г. ¹⁵	- 1 800 000 m³

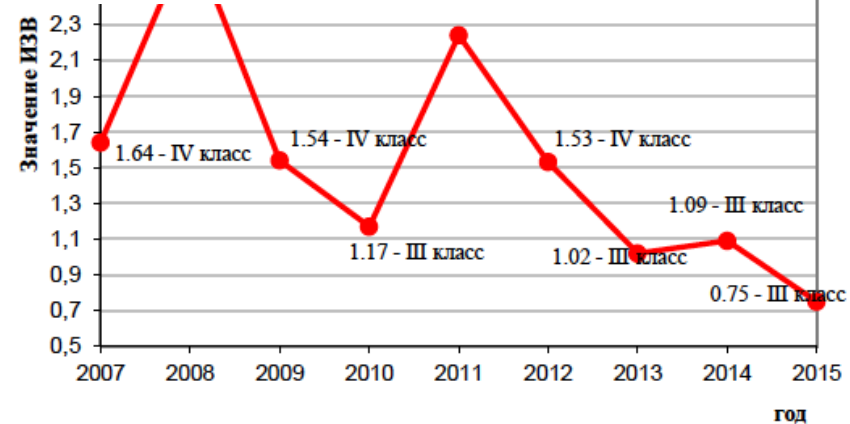
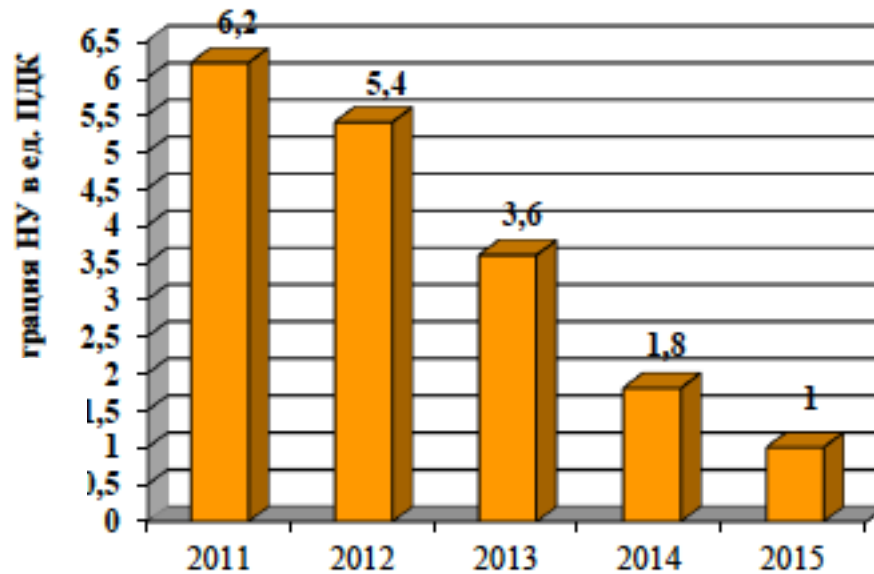
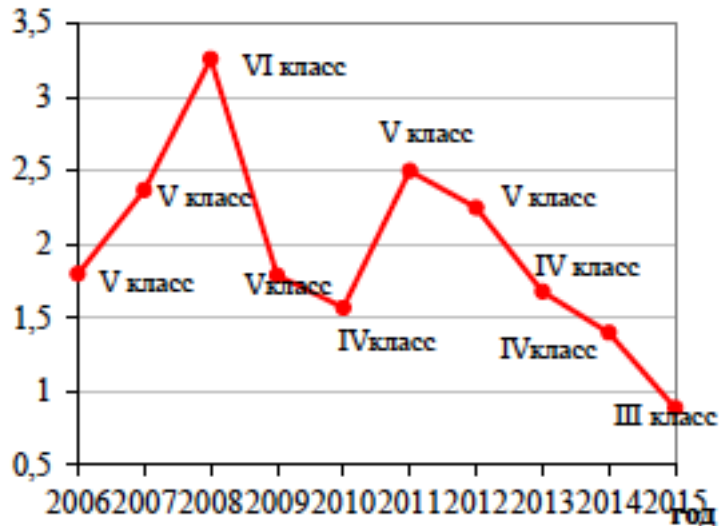
Gornostay bay Dump -2010

- **back walls,**
- **heat source have been extinguished,**
- **bank slope has been fixed,**
- **the gas outlet,**
- **storm water drainage**
- **observation hole systems**



Results

As a result, the degree of pollution of the waters of the bay and bottom sediments began to decline

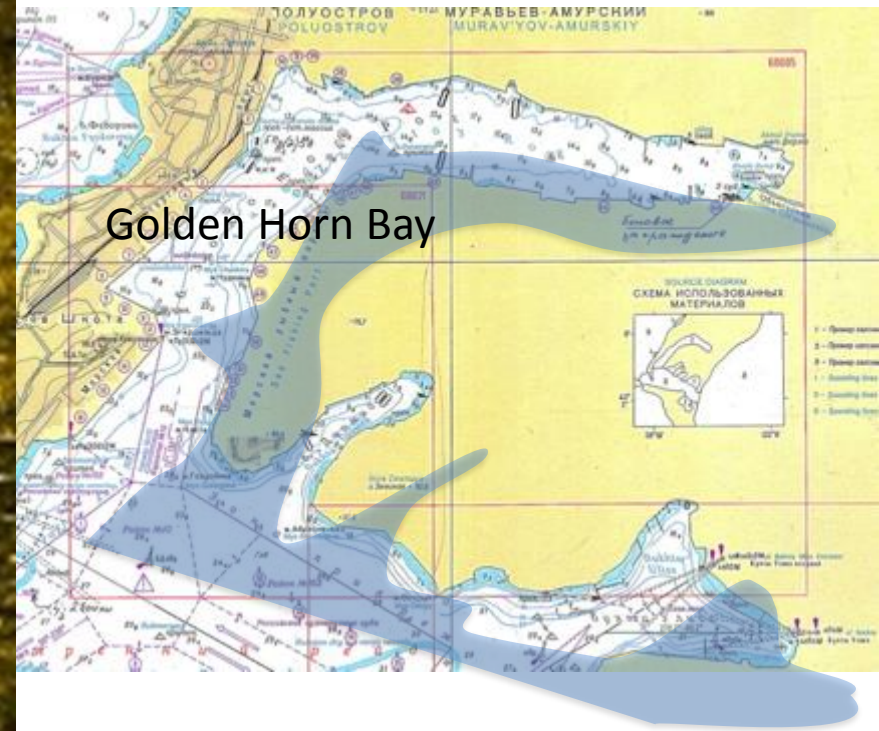
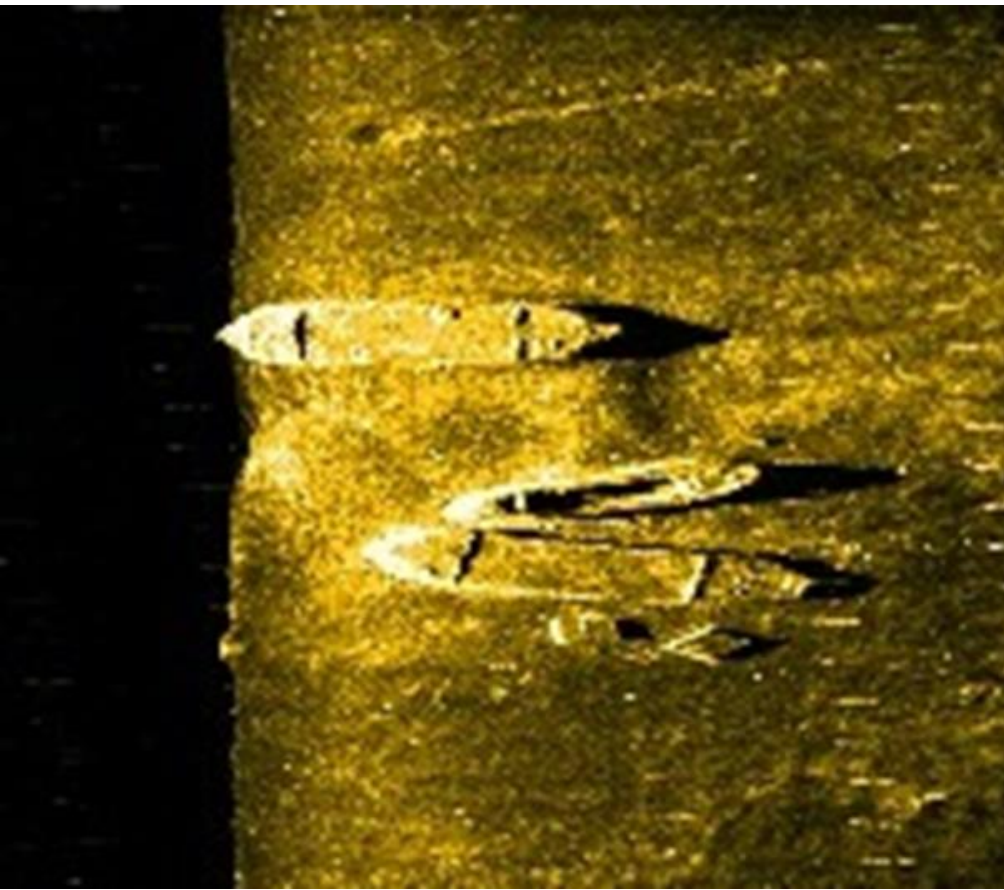


Government activity in Primorye region

The program "Protection of the environment of Primorsky Krai for 2013-2020 provides for the first stage (2017) study of the degree of pollution of the Golden Horn Bay and determination of main sources of coil pollution.

On the second stage - carrying out measures to improve the ecological situation in the bay

To implement the first stage, 64 million rubles were allocated.



The main efforts of local authorities to reduce marine pollution

- Control of waste management
- Prevention of pollution of the floodplains of rivers and seashores
- Support of NGO activities
- Ecological education



Thank you!

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