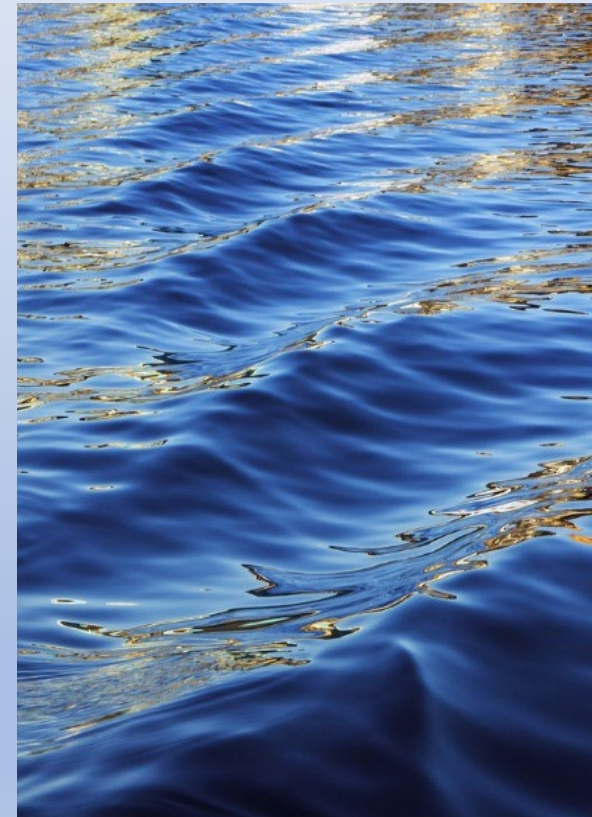




**Port facilities and environmental services
provided by the NATIONAL COMPANY
'MARITIME DANUBE PORTS
ADMINISTRATION' GALATI**

**Expert Meeting on Ship-generated waste (EM Waste)
9 March 2023**



CONTENTS

1. NC MDPA – General presentation



2. Port facilities for collection and treatment of ship-generated waste



- Galati Port
- Braila Port
- Tulcea Port

3. Environmental services provided by the NC MDPA

NC MDPA- General presentation

NC MDPA JSCo Galati, founded in 1991, performs activities of national public interest, so that in over 32 years of activity, it has strengthened its brand reputation regarding the efficiency and professionalism in terms of services offered.

The main activity of the company aims:

- Providing port services to European network standards;
- Maintenance and repair of transport infrastructure on inland waterways;
- Providing services by public property goods of the Romanian state or their own patrimony;
- Continuous diversification of offered services and increase efficiency in the company's business area.

In order to fulfill the function of port authority and in its capacity of port administration, the company has the following duties and obligations in the field of environment:

- Collection of ship waste, sewage and garbage;
- Provide assistance to prevent pollution from oil tankers.



Port facilities for collection and treatment of waste generated by ships

In order to ensure the port services to the European standards, the National Company 'Maritime Danube Ports Administration' Galati has accessed European non-refundable financing to develop the current system for collection and treatment of waste generated by ships in the Danube's ports, the main objective of this project being to reduce the negative environmental impact caused by the river transport activities. Within the project, the acquisition, modernization and reception of ships, installations and specialized equipment for the disposal and collection of residues from ships which are transiting or operating in the three ports managed by the company (Galati, Braila and Tulcea) has been completed.



- Financed by Sectoral Operational Programme-Transport - Priority Axis 3 Modernization of the transport sector in order to improve the environment, human health and passenger safety
- Total value: 10.010.858,1 EURO
- Implementation time: 48 months

Port facilities collection and treatment of waste generated by ships

GALAȚI Port

ECOPORT 2

ECODUNĂREA 2

SĂLCENI 1

ECOEXPRES

RAZA

Specialized car
GL 14 PDM

Temporary storage platform
Head of Mol

Temporary storage platform
Mineralier Port



Port facilities for collection and treatment of waste generated by ships

BRĂILA Port

Depollution complex **179**

DEPOL 6

Specialized car
BR 04 PDM

Temporary storage platform
Docuri Port



Port facilities for collection and treatment of waste generated by ships

TULCEA Port

ECOPORT 1

ECODUNĂREA 1

ZĂRNEȘTI 4

Specialized car
TL 04 PDM

Temporary storage platform
Comercial Port



Environmental services provided:

- Collection of hydrocarbon and ship waste , garbage and sewage;
- Collection of dangerous waste from ships
(used batteries, waste filters, absorbents and contaminated textiles, contaminated metal packaging)
- Provide assistance in order to prevent pollution from ships which tranship oil products and to highlight the capacity of response in case of accidental pollution.



Environment services provided by NC MDPA - Types and quantities of waste collected

**Quantities of waste generated by ships operating/stationing/transiting the ports managed by NC MDPA Galati
between 2014-2022**

| Year | Ship number | Bilge water code 13 04 01* - cm - | Sewage water code 16 10 02 - cm - | Mixed garbage code 20 03 01 - tonne - | Sludge code 13 05 02* - tonne - | Oil filters code 16 01 07* - tonne - | Contaminated textiles code 15 02 02* - tonne - | Contaminated packaging code 15 01 10* - tonne - |
|--------------|--------------|---|---|---|---------------------------------------|--|--|---|
| 2014 | 3747 | 1098,101 | 54,800 | 12990 | 3,650 | 1,160 | 1,230 | 0 |
| 2015 | 3291 | 797,819 | 0 | 12863 | 0,925 | 1,400 | 2,080 | 0,180 |
| 2016 | 3174 | 1074,838 | 0,300 | 11939 | 0,200 | 1,747 | 2,216 | 0,060 |
| 2017 | 3084 | 1128,747 | 81,100 | 13217 | 0,230 | 1,968 | 1,553 | 0,284 |
| 2018 | 2794 | 1009,970 | 286,200 | 15407 | 0,500 | 2,518 | 1,277 | 0,557 |
| 2019 | 3148 | 1025,150 | 80,600 | 23331 | 0 | 2,685 | 0,922 | 0,050 |
| 2020 | 2967 | 838,31 | 32,000 | 19714 | 0 | 1,715 | 1,097 | 0,046 |
| 2021 | 3029 | 737,080 | 0,025 | 21339 | 0 | 1,919 | 1,505 | 0,037 |
| 2022 | 3076 | 773,090 | 174,780 | 26898 | 0 | 3,597 | 2,399 | 0,153 |
| TOTAL | 28310 | 7644,795 | 709,805 | 157698 | 5,505 | 18,709 | 14,279 | 1,367 |

Environment services provided by NC MDPA - Financing of the ship waste collection

NC MDPA Galati applies a tariff system to cover all the costs generated by harbor facilities for collecting waste generated by vessels, including the collection and management of waste/residues.



The funding system for the use of port reception facilities for waste generated by ships, including for collecting and management of waste provides two distinct categories:



Giving free of charge, based on the application of the indirect pricing principle, to the amount of waste collected

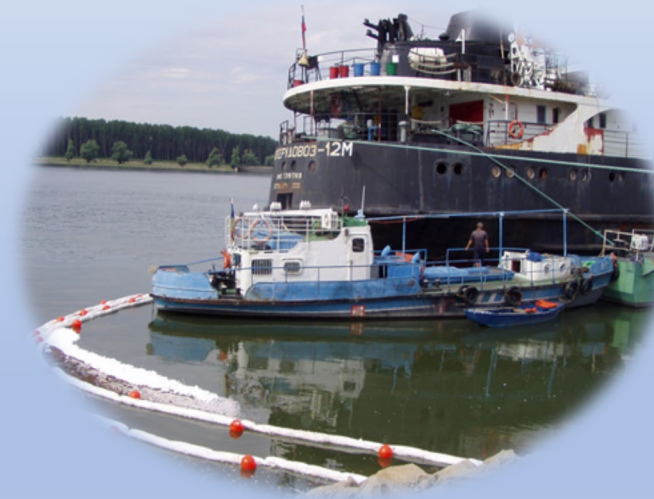


Applying different environmental charges according to the type of waste collected to overcome the quantities taken for free

By applying indirect tariff, the share of the costs generated by the collecting of waste caused by ships is allocated to the cost structure of the port infrastructure tariffs. Cost recovery is achieved by applying the tariffs for the use of infrastructure to all ships, regardless of whether ships deliver waste or not.

1. Technical assistance is a service provided by the NC MDPA in order to prevent pollution of the Danube river waters during the operation of ships with petroleum products.

The specialized ship moves to the operating berth of the requesting ship; the inflatable dam is carried out in order to isolate and delimitate the polluted area in order to protect the harbor environment.



2. Intervention in case of accidental pollution. It's carried out as a supply of services at the request of the polluter if this one is known and the emergency situation is not required. If the competent authorities (ANR, APM, GNM - CJ, SGA, Prefect Institution) find that an emergency situation is imminent (major pollution, cross-border, with unknown author), then it's necessary the intervention on the basis of the Decision taken by the County Emergency Committee or the Order issued by the Ministry of Transport through the Operational Center for Emergency Situations at county or national level.



Thank you for your attention!

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