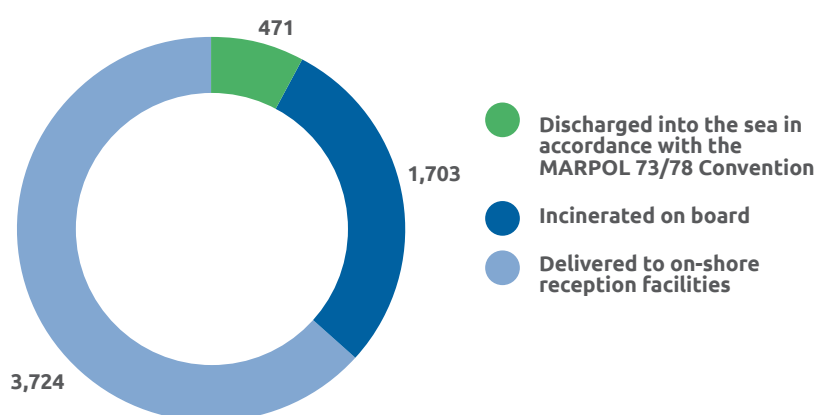


Advantages of LNG operation are most evident in figures: the reduction of sulphur oxides and soot emissions reaches 100 %, nitrogen oxides emissions decrease by at least 76 %, and carbon dioxide emissions - by up to 30 %¹ as compared with power plants running on conventional heavy fuel.

6.4.3. WASTEWATER AND WASTE MANAGEMENT

A key focus of the Sovcomflot Group's environmental protection activities is reducing the amount of wastewater and waste that gets into the World ocean during ship operations. These activities are carried out pursuant to the internal procedures of the Group, which encompass the requirements of both international and domestic legislation.

Amount of different types of garbage disposed of in 2019, cubic metres



At present the Group's ships are equipped with wastewater treatment systems that combine me-chanical, chemical, physical-chemical (including electrolysis) and biological methods. All wastewater treatment plants on board ships have the approval of classification societies confirming compliance with the requirements of Annex IV of the MARPOL 73/78 Convention. The quality of discharged water is confirmed by a wastewater plant certificate (type approval certificate).

Management of garbage produced on ships during operations is also organised in strict compliance with Annex V of the MARPOL 73/78 Convention, which governs the prevention of pollution by garbage from ships.

¹ The data were confirmed by the results obtained from the first year of operation of the 'Green Funnel' series of Aframax tankers. The reduction in nitrogen oxides emissions was 76-96 % depending on the navigation area.