

8) Name: allocation to point source, harbours: distribution based on Wet Surface Area (WSA)

Description

This distribution (with the harbours as point locations!) applies to emissions from leaching and corrosion, caused by fishing vessels in harbours. The determining factor is the area of the ship's hull that is underwater (Wet Surface Area, WSA). Data about the total number of fishing vessels entering the harbour per year are provided by the LEI (Agricultural Economics Institute) and originate from the so-called VIRIS database. This database is a registry of all catches since 1990 that have been brought on land in Dutch harbours, with the corresponding ships. MARIN (Marine Research Institute Netherlands) provides the corresponding WSAs. This information was supplied to the Netherlands Pollutant Release & Transfer Register via TNO (Netherlands Organization for Applied Scientific Research).



Example map 8: distribution of Wet Surface Area of fishing vessels in harbours

Institutes involved

CBS
LEI
MARIN
TNO

Currency of distribution basis data
2004

Background documents

Emission estimates for diffuse sources, Netherlands Emission Inventory (2008)

Sacrificial anodes, merchant shipping and fisheries

Netherlands National Water Board-Water Unit

In cooperation with Deltares and TNO

Website MARIN: www.marin.nl