Helcom metadata catalogue

TBT and imposex

This core indicator evaluates the status of the marine environment based on concentrations of the tributyltin (TBT) and its breakdown products dibutyltin (DBT) and monobutyltin (MBT) in the Baltic Sea; in water, biota (mussels, marine gastropods) and sediments. Imposex effects of TBT on marine gastropods are used as another source of data on TBT. Quantitative thresholds are used to evaluate if core indicators status is Good, Not good or Not assessed. Good status is achieved when the concentrations of TBT are below the threshold value.

This dataset displays the result of the indicator in HELCOM Assessment Scale 4 (Division of the Baltic Sea into 17 sub-basins and further division into coastal and off-shore areas and division of the coastal areas by WFD water types or water bodies).

Attribute information:

“Code” = Code of the Helcom scale 4 assessment unit

“Descriptio” = Description of assessment unit

CR = Contamination ratio, 0 – 1= Status is “Good”, 1-99998= Status is “Not good”, 99998-99999= Status “Not assessed”

Status = Status of the indicator (“Good”, “Not good” or “Not assessed”)

Confidence = Confidence of the status

Simple

Date (Publication)	2017-06-30
Unique resource identifier	https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/d67c8752-3f02-44bc-8b1c-9b8365dc25b3
pointOfContact *HELCOM Secretariat*	
GEMET - INSPIRE themes, version 1.0	• Oceanographic geographical features
GEMET	• hazardous substance
Keywords	• MADS • HOLAS2 • Core indicator
Use constraints	Other restrictions
Other constraints	Use constraints: The data and resulting data products (tables, figures and maps) available on the indicator web pages can be used freely given that the source is cited. The indicator should be cited as following: HELCOM (2017) TBT and imposex. HELCOM core indicator report. Online. [Date Viewed], [Web link].
Access constraints	Other restrictions
Other constraints	Access constraints: No limitations on public access.
Spatial representation type	Vector
Metadata language	English
Topic category	• Environment

65.91	N	53.61	S	30.25	E	8.19	W



Begin date	2011-01-01
End date	2015-12-31
Unique resource identifier	EPSG:3035
Distribution format	• ESRI Shapefile (1.0)
OnLine resource	Download dataset (WWW:LINK-1.0-http--link)
OnLine resource	Open in Map Viewer (WWW:LINK-1.0-http--link)
Hierarchy level	Dataset

Conformance result

Date (Publication)	2010-12-08

Statement	The indicator is based on data held in the HELCOM COMBINE database hosted at the International Council for the Exploration of the Seas (ICES). To evaluate contamination status of Baltic Sea, the ratio of concentration of TBT in the biotic and abiotic elements of marine environment to the specified concentration (threshold) levels are used. Data are extracted from the HELCOM COMBINE database as specified in the extraction table to ensure that the values are from the appropriate measurement matrices (Assessment protocol table 1). The confidence of the indicator evaluation is high in the Kattegat and Belt Sea/The sound area since the data on TBT concentrations and imposex bivalves, sediments and marine gastropods is spatially adequate and time series are available for several stations. In the rest of the Baltic Sea, confidence is low due to very limited data availability. Additional information: http://helcom.fi/baltic-sea-trends/indicators/ Link to metadata of dataset used for indicator calculation: http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/b7887043-50de-440f-936d-e0fb108e65eb Link to metadata of dataset used for indicator calculation: http://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/305239e6-9c04-40d4-81c5-5ee4faad81d7
File identifier	d67c8752-3f02-44bc-8b1c-9b8365dc25b3 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Dataset
Date stamp	2021-09-09T12:01:47

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Overviews

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