

# HELCOM Metadata catalogue

## Extraction of sand and gravel (HOLAS 2)

The dataset contains sand and gravel extraction activity during 2011–2015. The dataset is based on data submission by HELCOM Contacting Parties in response to data request. The dataset is quality assured and contains data from all the Baltic Sea countries.

Common extraction sites with information on volume of extraction was included in the dataset. The other extraction sites (building sites, exclusive sites) had only summed data for all the sites, as volumes of extraction in specific sites was classified as confidential information. For these sites the volumes was calculated from reported sum of "other extraction areas". The amount was equally divided between corresponding extraction areas. For some common extraction sites a shared amount was reported.

### Simple

|  |   |
|--|---|
| <b>Date (Creation)</b>                             | 2018-01-15  |
| <b>Unique resource identifier</b>                  | <a href="https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/683224c3-2fb9-4f2f-b748-bf5ad712d708">https://metadata.helcom.fi/geonetwork/srv/eng/catalog.search#/metadata/683224c3-2fb9-4f2f-b748-bf5ad712d708</a> |
| <b>pointOfContact</b><br><i>HELCOM Secretariat</i> |   |
| <b>GEMET - INSPIRE themes, version 1.0</b>         | <ul style="list-style-type: none"><li>• Land use</li></ul>  |
| <b>GEMET</b>                                       | <ul style="list-style-type: none"><li>• gravel extraction</li><li>• sand extraction</li></ul>   |
| <b>Keywords</b>                                    | <ul style="list-style-type: none"><li>• MADS</li><li>• HOLAS2</li></ul>   |
| <b>Use constraints</b>                             | Other restrictions  |
| <b>Other constraints</b>                           | Use constraints: Data can be used freely given that the source is cited (following creative commons license CC-BY). The source should be cited as: "HELCOM HOLAS II Dataset: Extraction of sand and gravel (2017)".                   |
| <b>Access constraints</b>                          | Other restrictions  |
| <b>Other constraints</b>                           | <a href="#">Access constraints: No limitations on public access.</a>  |
| <b>Spatial representation type</b>                 | Vector  |
| <b>Metadata language</b>                           | English   |
| <b>Topic category</b>                              | <ul style="list-style-type: none"><li>• Environment</li></ul>   |



|                                   |  |
|-----------------------------------|--|
| <b>Begin date</b>                 | 2011-01-01   |
| <b>End date</b>                   | 2015-12-31   |
| <b>Unique resource identifier</b> | <a href="#">EPSG:3035</a>  |
| <b>Distribution format</b>        | <ul style="list-style-type: none"> <li>• ESRI Shapefile ( 1.0 )</li> </ul> |
| <b>OnLine resource</b>            | <a href="#">Download dataset</a> ( WWW:LINK-1.0-http--link )               |
| <b>OnLine resource</b>            | <a href="#">Open in Map Viewer</a> ( WWW:LINK-1.0-http--link )             |
| <b>Hierarchy level</b>            | Dataset  |

## Conformance result

|                           |            |
|---------------------------|------------|
| <b>Date (Publication)</b> | 2010-12-08 |
|---------------------------|------------|

|                  |   |
|------------------|---|
| <b>Statement</b> | <p>Remarks of the countries data submissions:</p> <p>Denmark: Common extraction sites with information on volume of extraction was included in the dataset. The other extraction sites ( building sites, exclusive sites) had only summed data for all the sites, as volumes of extraction in specific sites was classified as confidential information. For these sites the volumes was calculated from reported sum of "other extraction areas". The amount was equally divided between corresponding extraction areas. For some common extraction sites a shared amount was reported.</p> <p>Estonia The accuracy of the extraction area is estimated to be <math>\pm 0.0001</math> km<sup>2</sup>.</p> <p>Finland: Amount of extraction identified from ICES WGEXT Report 2016. Finland had only one extraction in 2012. The extraction was reported for site called "Loviisan edustan merialue". The reported amount was divided between two corresponding sites in Loviisa as no information on specific site was found.</p> <p>Germany data received for Mecklenburg-Vorpommern area.</p> <p>Lithuania Reported in m3 as total during 2011-2012. This has been interpreted to be the total extraction during the assessment period and is treated accordingly.</p> <p>Poland Reported extraction both in tonnes and m3. Some reported extraction areas that had activity during 2011-2015 did not have information on the amount. Polish dataset is not complete as there occurs at least one more extraction site without spatial data. In the extraction site, named as Gdynia I, missing in the dataset total of 2904216,8 tonnes was extracted during 2011 to 2015.</p> <p>Latvia: No activity reported in Latvia during 2011-2015.</p> <p>Russia. 7 extraction sites added 2018</p> <p>Data source:</p> <p>National data provider</p> <p>Denmark: Ministry of Environment and Food of Denmark</p> <p>Estonia: Estonian Land Board</p> <p>Finland: State Forest Enterprise</p> |
|------------------|---|

Germany: Ministry of Agriculture and Environment Meckl.-Vorpommern

Lithuania: Environmental Protection Agency

Poland: Maritime Office in Slupsk / Maritime Office in Szczecin

Sweden: Geological Survey of Sweden

Attribute information:

Country: Country name

Name: Name of the extraction site if reported

Site\_number: Specific site number used in Denmark

Area: Area of the extraction site in km2,

2011tonnes..2014tonnes: Amount of extraction in the year reported in tonnes

2011m3..2015m3: Amount of extraction in the year reported in m3

Tot\_m3: Amount of extraction reported in m3 as total for the whole period of 2011-2015.

Comments: Comments

issue\_year: Issue year for Russian sites

expire\_yea: Expire year for Russian sites

The attributes contains reported information with reference to the unit used. The dataset contains 2 different units for the extraction: cubic metres and tonnes. This should be acknowledged when utilizing the data further.

The dataset was approved by all HELCOM Contracting Parties in the HOLAS II Human activities data review process during early 2018 .

|                          |  |
|--------------------------|--|
| <b>File identifier</b>   | 683224c3-2fb9-4f2f-b748-bf5ad712d708 <a href="#">XML</a> |
| <b>Metadata language</b> | English  |
| <b>Character set</b>     | UTF8   |
| <b>Hierarchy level</b>   | Dataset  |
| <b>Date stamp</b>        | 2023-03-03T10:46:28                                      |

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## Overviews

## Provided by