

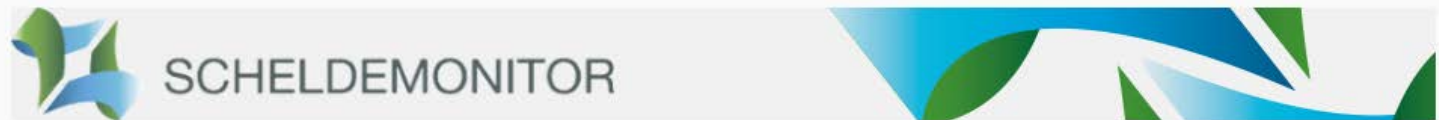
A data selection and download toolbox for the EMODnet and Scheldemonitor dataportal



Vlaams Instituut voor de Zee vzw
Flanders Marine Institute

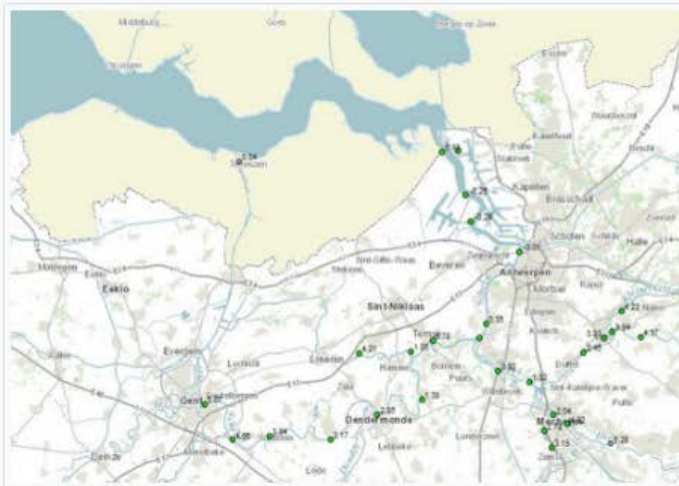
Introduction

- New data portal for the EMODnet and ScheldeMonitor project
- Data download toolbox
- Easy and intuitive downloading of observations and/ or measurements data

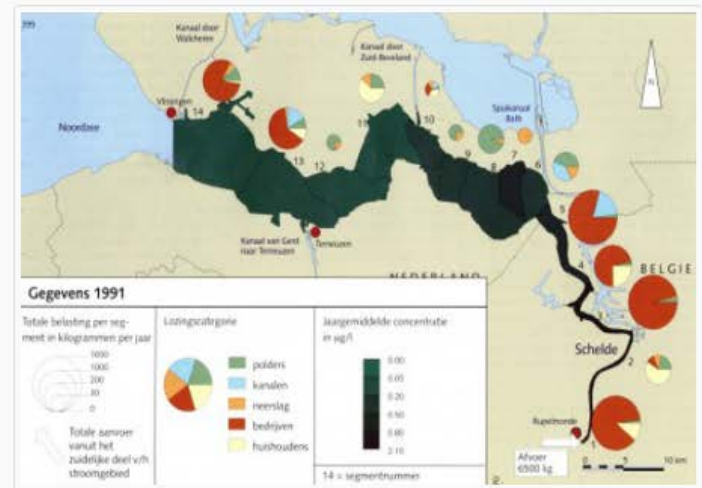


Login

[Toolbox Home](#) > Selecteer een Data type



Biotische Data
(periodieke metingen)



Abiotische Data
(periodieke metingen)

new download
toolbox

EMODnet

Search

Google

✓ Solea so

reco

- ☐ 1
- ☐ 1
- ☐ 1
- ☐ 1
- ☐ 1
- ☐ 1

Taxa(1)

Datasets(3)

Layers(2)

Data

Observations of *Solea solea*, including synonyms (64757)

Hide/show columns

Observations of *Solea solea*, including synonyms (records QC) [citations]

<< < 1 2 3 4 5 6 7 8 9 10 > >>

DateLastModified	CatalogNumber	ScientificName	Year	Month	Day	Lon.	Lat.	Precision (m)	MinDepth (m)	MaxDepth (m)	Sex	IndCount	SampleSize	InstitutionCode	Metadata
2012-01-03	+S37o-7-9-20	<i>Solea solea</i>	2002	8	12	12.89	55.6			9				FIV	2784
2012-01-03	+S37u-6-1-19	<i>Solea solea</i>	1992	8	7	12.86	55.54			9				FIV	2784
2012-01-03	+S37u-7-1-19	<i>Solea solea</i>	1992	8	8	12.89	55.6			9				FIV	2784
2012-01-03	+S37u-7-1-19	<i>Solea solea</i>	1992	8	14	12.89	55.6			9				FIV	2784
2012-01-03	+S37u-7-1-19	<i>Solea solea</i>	1993	7	4	12.89	55.6			9				FIV	2784
2012-01-03	+S37u-7-1-19	<i>Solea solea</i>	1994	8	11	12.89	55.6			9				FIV	2784
2012-01-03	+S37u-7-1-19	<i>Solea solea</i>	1995	7	4	12.89	55.6			9				FIV	2784
2012-01-03	+S51n-3-2-19	<i>Solea solea</i>	1998	11	16	12.92	55.62			16				FIV	2784
2012-01-03	+S51n-3-2-20	<i>Solea solea</i>	2002	11	12	12.92	55.62			16				FIV	2784
2012-01-03	+S51n-3-4-19	<i>Solea solea</i>	1994	11	10	12.92	55.62			16				FIV	2784

Google

Afbeeldingen ©2016 TerraMetrics Gebruiksvoorwaarden Een kaartfout rapporteren

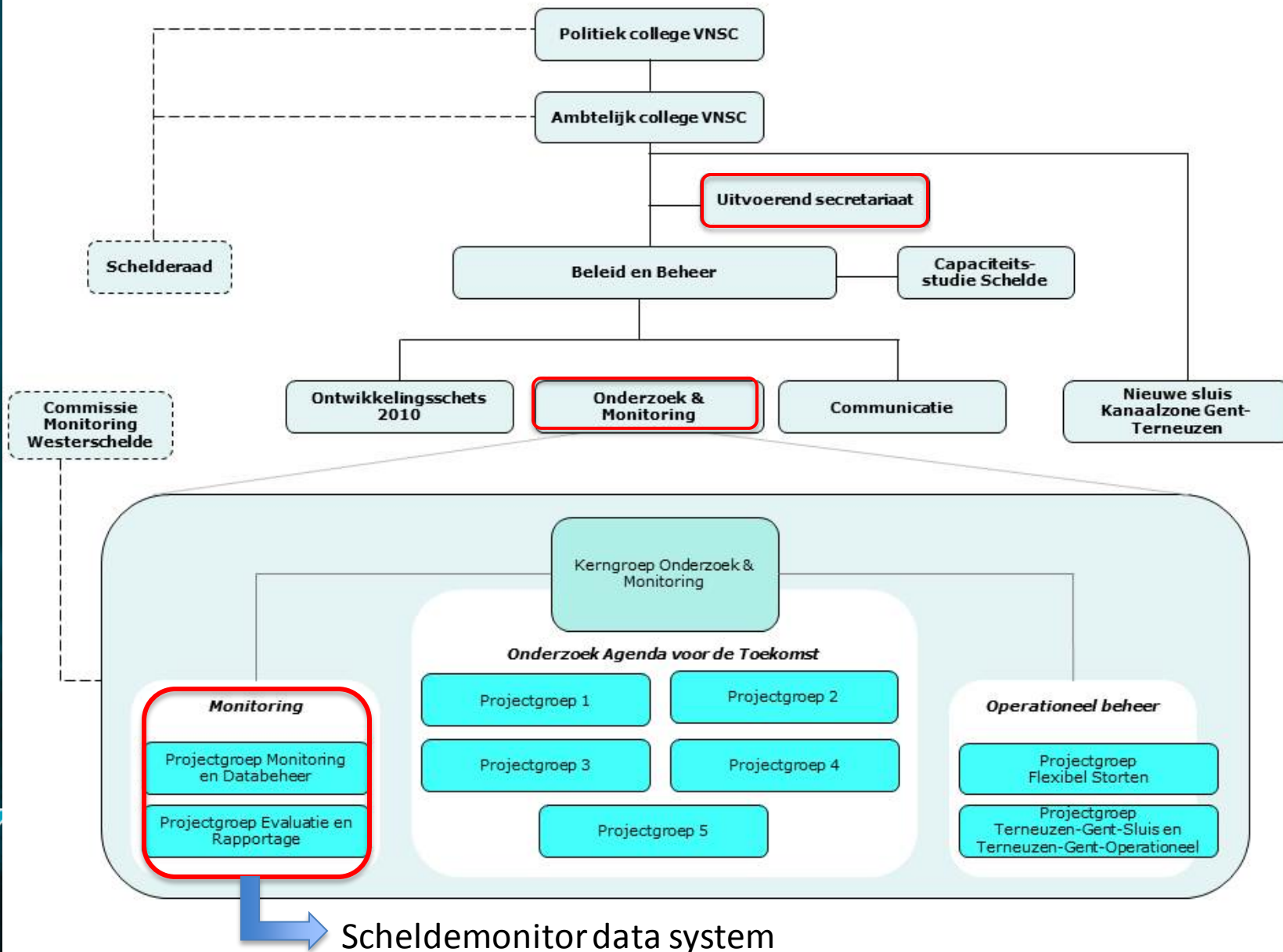


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WoRMS

IMIS

Data Catalog





SCHELEDEMONITOR

dataflow

new download
toolbox

Datasources
Measurment
data

Standardization
QC

Import in
Dataportal
db

Scheldemonitor
Dataportal



Rijkswaterstaat

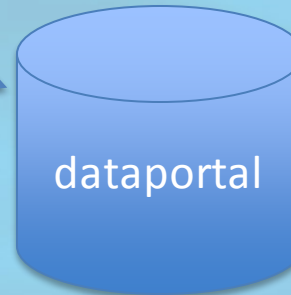
INSTITUUT
NATUUR- EN
BOSONDERZOEK



VLAAMSE MILIEUMAATSCHAPPIJ

.....

- MONEOS systeemmonitoring
- Projectcampagnes
- Dataproducts
- Data archive



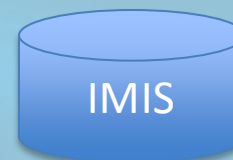
dataportal



Data
download &
visualisation

Dataproducts

SUPPORTS REPORTING AND
EVALUATION STUDIES



IMIS

Catalogoog (IMIS):

- Publicaties
- Datasets
- Personen en instituten

Data centralisatie

info
centralisation



Data portal version 1

EMODnet

Biology

Data Discovery and Access Service



European Marine
Observation and
Data Network

Limited search
possibilities

Home

Data portal

Data Catalog

Data Download

Data products

Project

Contribute

Contact

Search

Active layers

All Layers

Lat: 58.33 Lon: -18.35

Search for species names or datasets:

Gadus morhua



Or

Select from available species lists:

Select a species list

Reset search

A manual is available [here](#).

For questions or feedback, please use this [form](#).

No time dependent visualisation

Download, filter,
plot 1 dataset or
1 taxon

Taxa(1)

Datasets(5)

Layers(2)

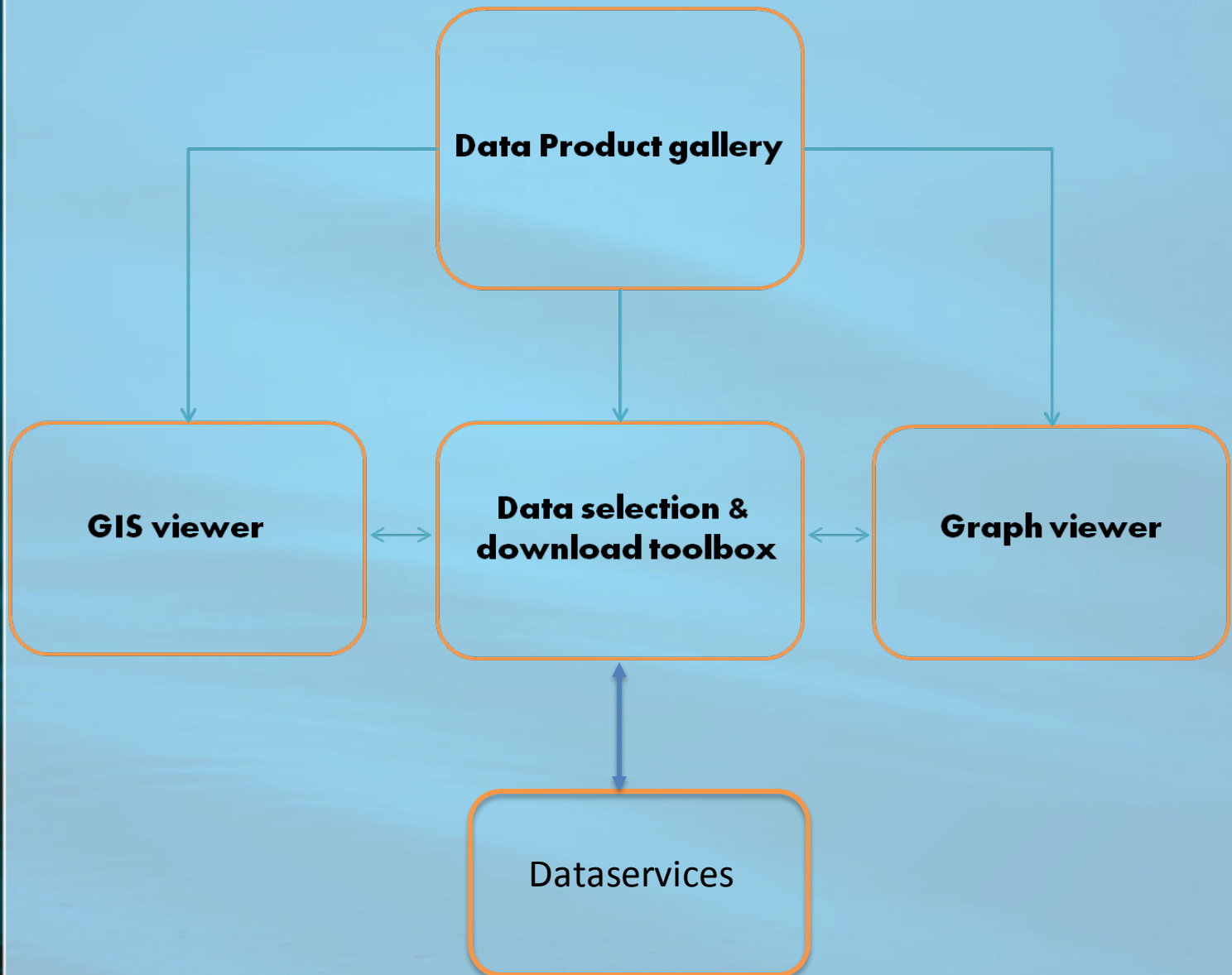
ScientificName	Authority	Common name	RecordCount Q	Display
Gadus morhua	Linnaeus, 1758	Atlantic cod; kabeljauw; cod; cabillaud; Kabeljau	652,979	  



Requirements new dataportal for EMODnet and Scheldemonitor:

- better selection tool: combined selection (different parameters, themes, datasets, datasources taxa...) in one request
- Execute, share and save selection criteria
- User-friendly, intuitive data selection flow
- Better temporal and geographical visualization of data
- Dataproductsgallery
- Connection with other applications (GIS viewer, dataservices, graph viewer (R-shiny) through webservice)

New dataportal: components

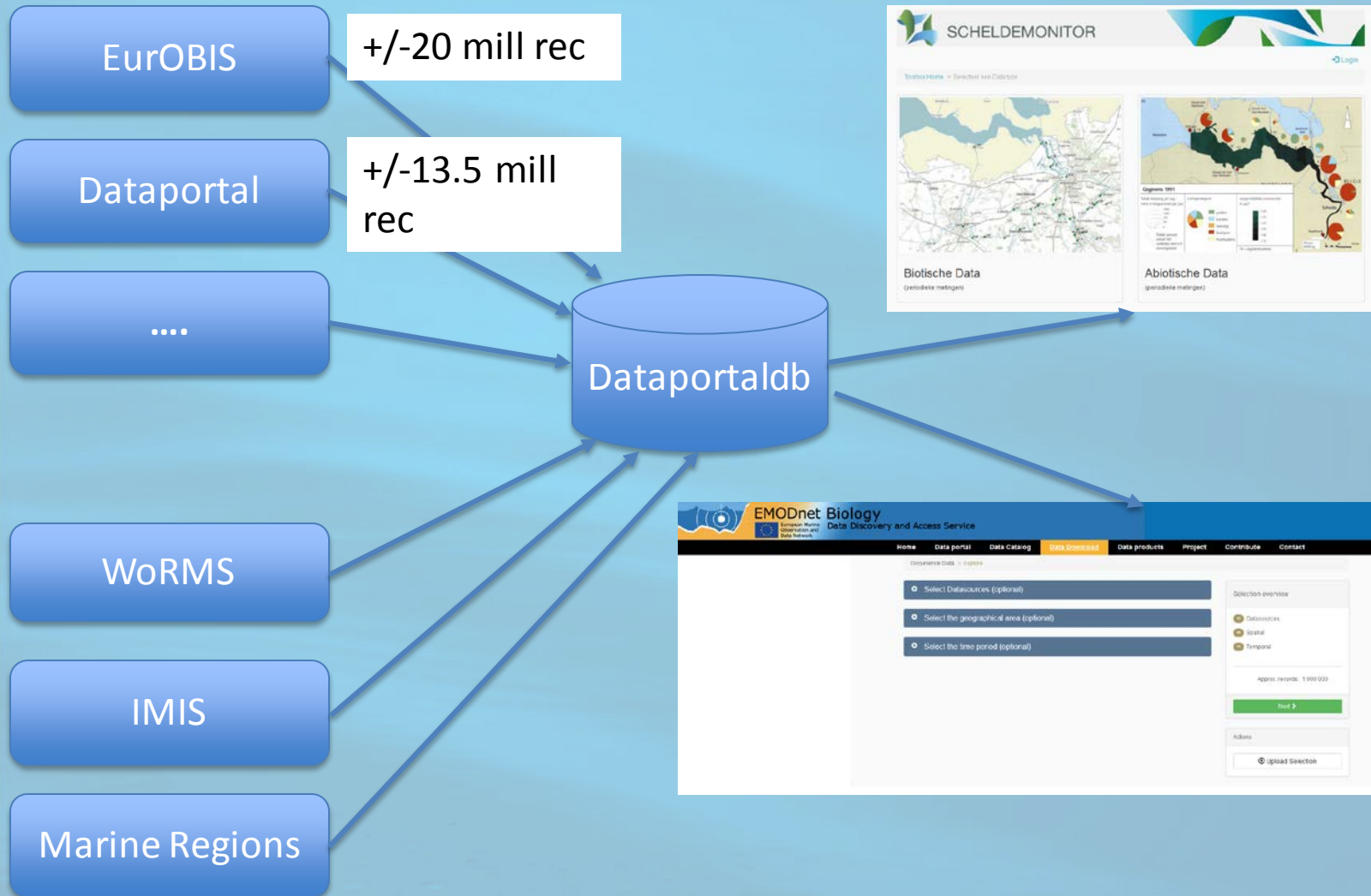


Technical implementation

VLIZ
datasystems

harvesting

Webapplications
Context dependent



Demonstration

Thanks to

- Bruno Pinto Vitorino
- Simon Claus
- Annelies Goffin