



Vlaanderen
is maritiem

AGENCY FOR
MARITIME &
COASTAL SERVICES

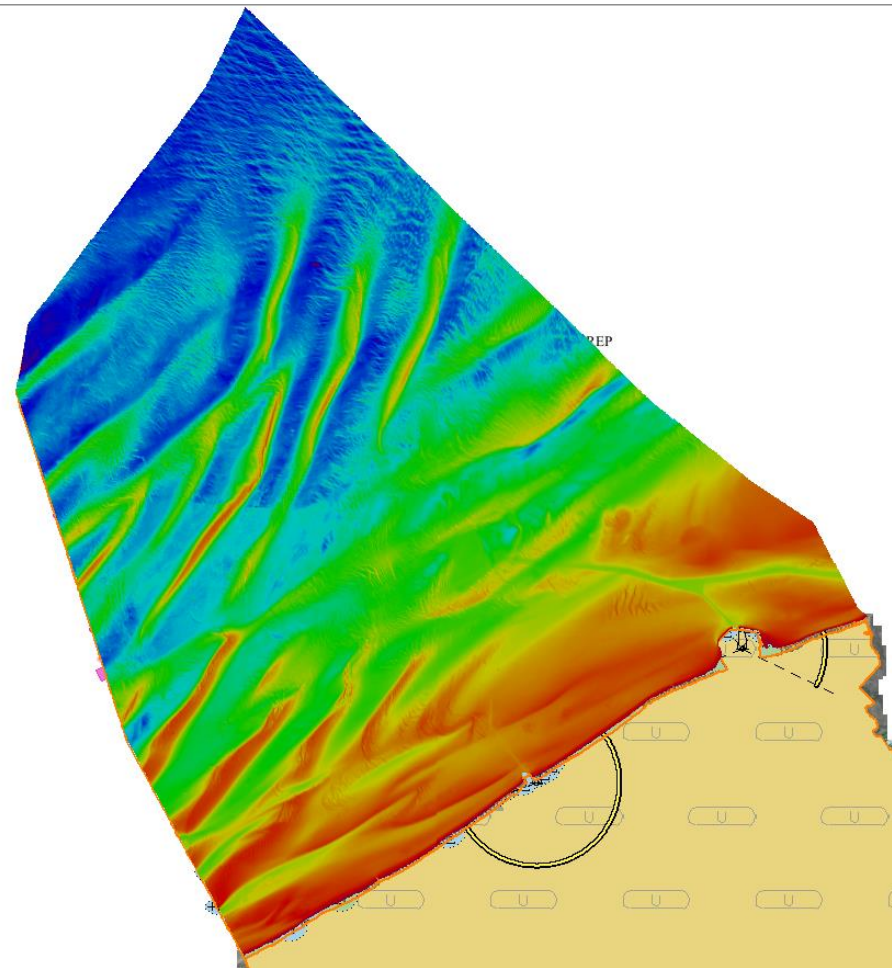
Bathymetrische data

22-11-2022

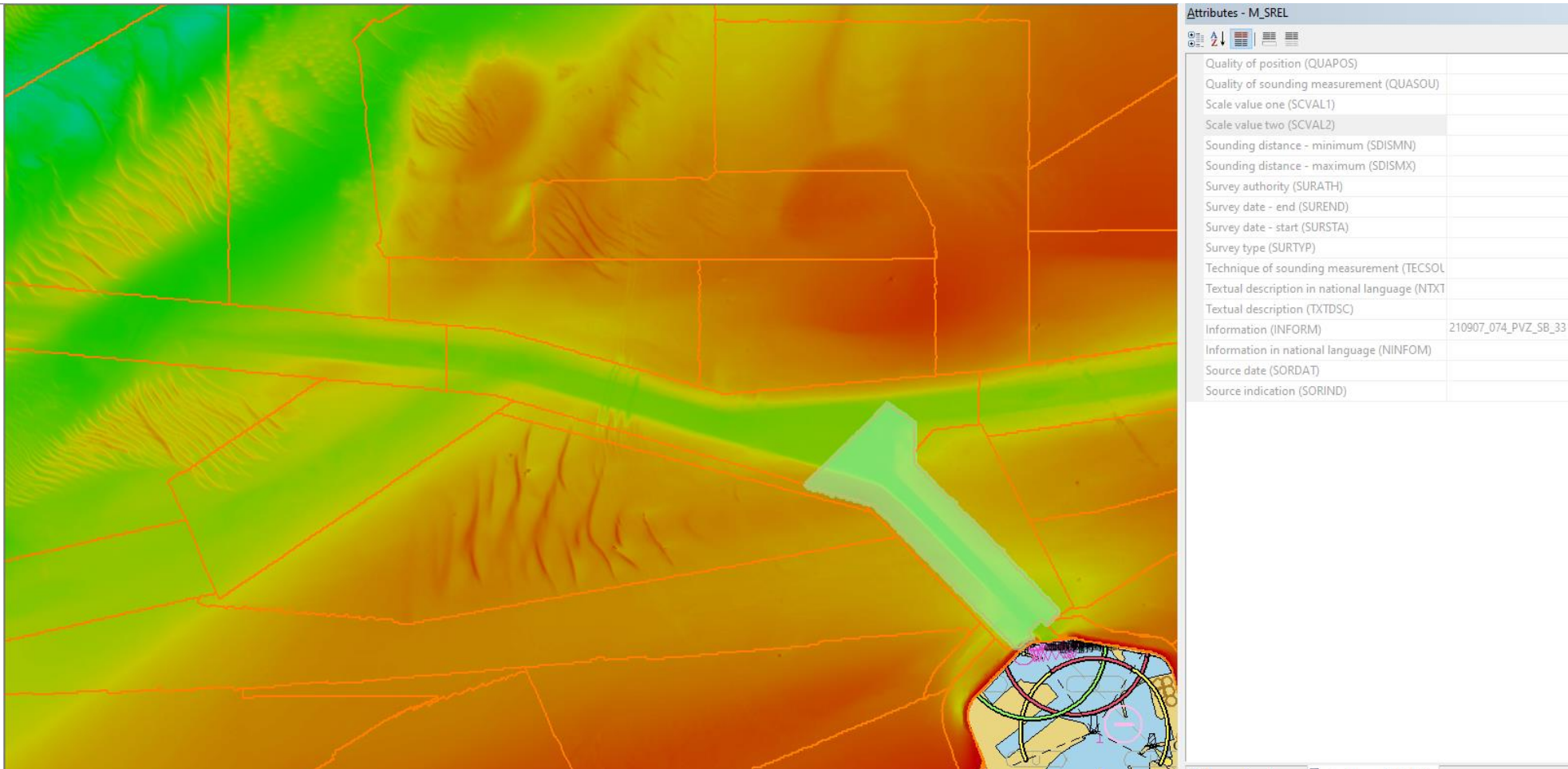
EMODnet – DTM volledig BCP

1x/jaar

Grid= 1/64 minuut (+/- 29mx18m)



EMODnet – DTM volledig BCP



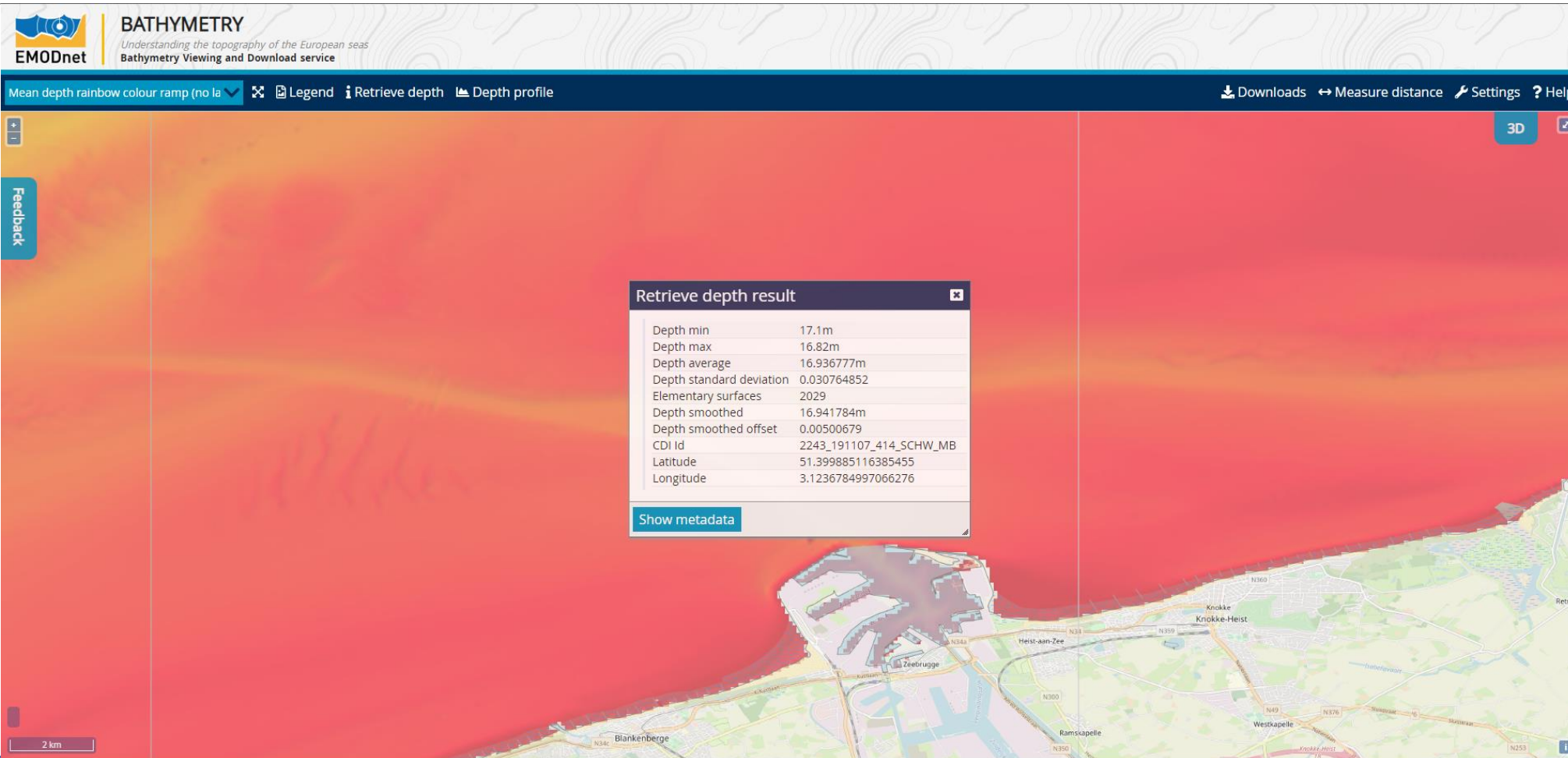
EMODnet – DTM volledig BCP

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EMODnet

metadata opvragen



metadata opvragen



PAN-EUROPEAN INFRASTRUCTURE FOR
OCEAN & MARINE DATA MANAGEMENT

 FEEDBACK
  SURVEY

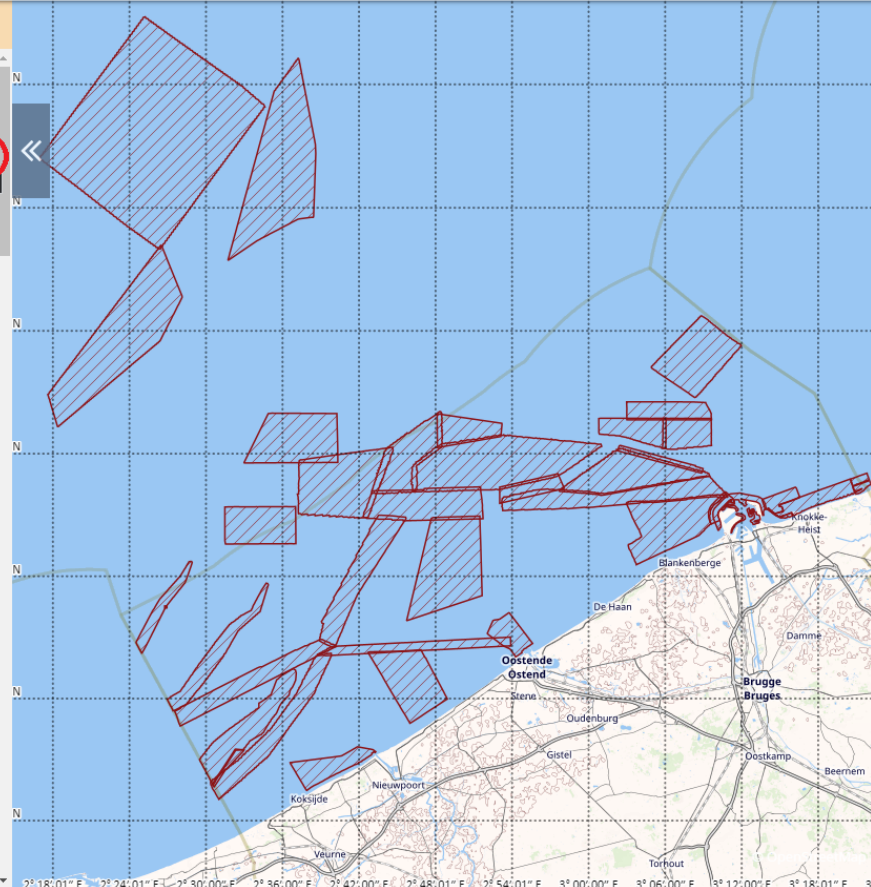
[Login](#)
[DATASET BASKET](#)

[NEW SEARCH](#)
[REFINE SEARCH](#)
[SEARCH RESULTS](#)
[SUMMARY](#)
[TIMESERIES](#)

DETAILS [Results](#) | [Show \(1 - 36\)](#) | [First](#) | [Prev](#) | [Next](#) | [Last](#)

WHAT?

Version(s)	<table> <thead> <tr> <th>Description</th> <th>Add to basket </th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>Current version</td> <td>☐</td> <td>0 (by negotiation)</td> </tr> </tbody> </table>	Description	Add to basket 	Version	Current version	☐	0 (by negotiation)
Description	Add to basket 	Version					
Current version	☐	0 (by negotiation)					
Data set name	Noordzee_Vooroever_DPOD						
Discipline	Marine geology Terrestrial						
Parameter groups	Gravity, magnetics and bathymetry Terrestrial						
Discovery parameter	Bathymetry and Elevation						
GEMET-INSPIRE themes	Oceanographic geographical features						
Abstract	For collecting soundings the Flemish Hydrography uses acoustic sounding systems, such as "singlebeam" and "multibeam" devices. The results of these soundings are processed into survey charts, depth difference charts, volumes and cross profiles. The method used for survey and data processing is dependent on the purpose and the targeted users of the soundings.						
Data format	Georeferenced Tagged Image File Format Version 1.0 Bathymetric Attributed Grid format Version 1.5.1						
Data set creation date	20220712						



metadata opvragen

XML file does not appear to have any style information associated with it. The document tree is shown below.

Google Translate

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<?xml-model href="https://schemas.seadatanet.org/Standards-Software/Metadata-formats/SDN_CDI_ISO19139_13.0.0.sch" type="application/xml" schematypens="http://purl.oclc.org/dsdl/schematron"?>
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```

Bathymetrische databank

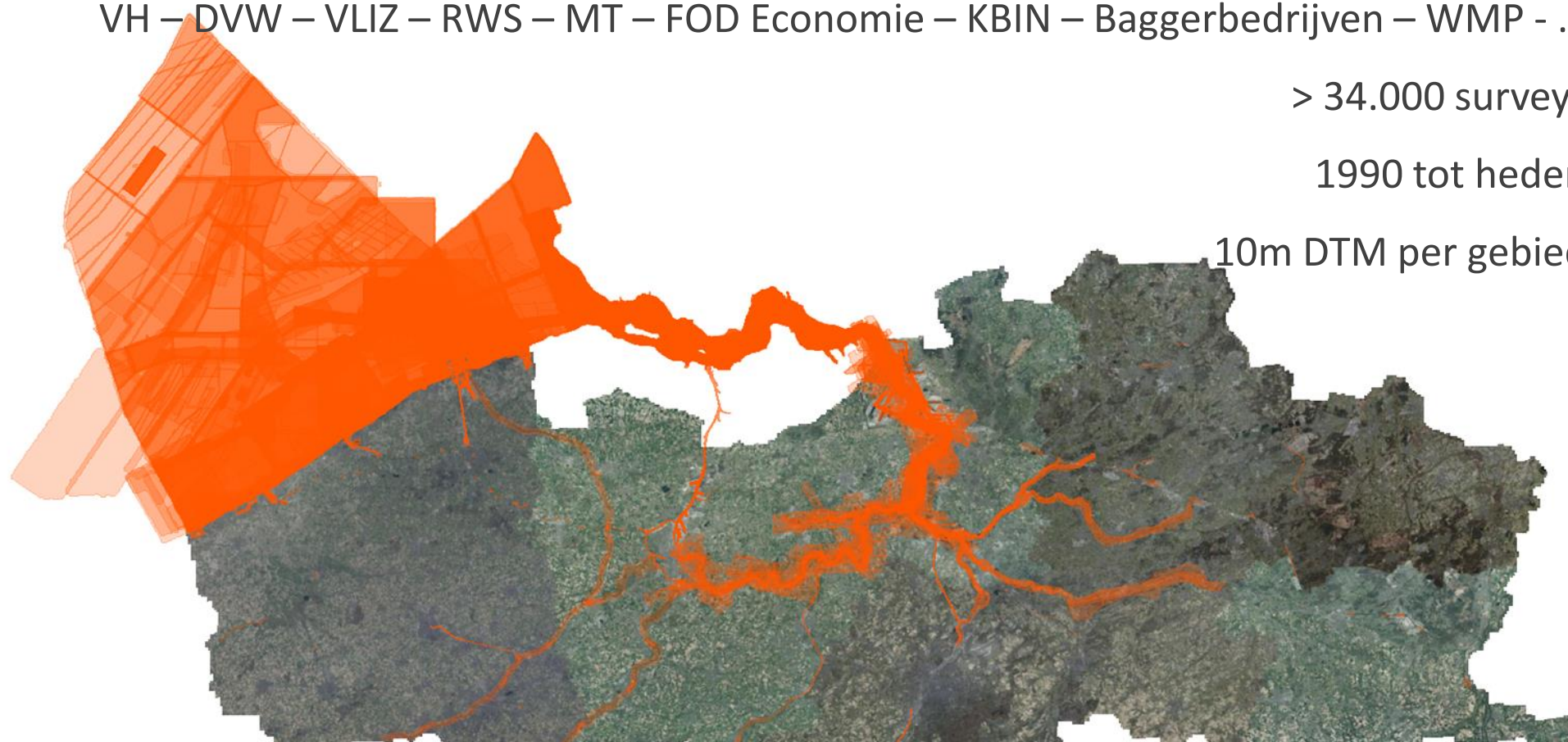
Caris DB Vlaamse Hydrografie

VH – DVW – VLIZ – RWS – MT – FOD Economie – KBIN – Baggerbedrijven – WMP - ...

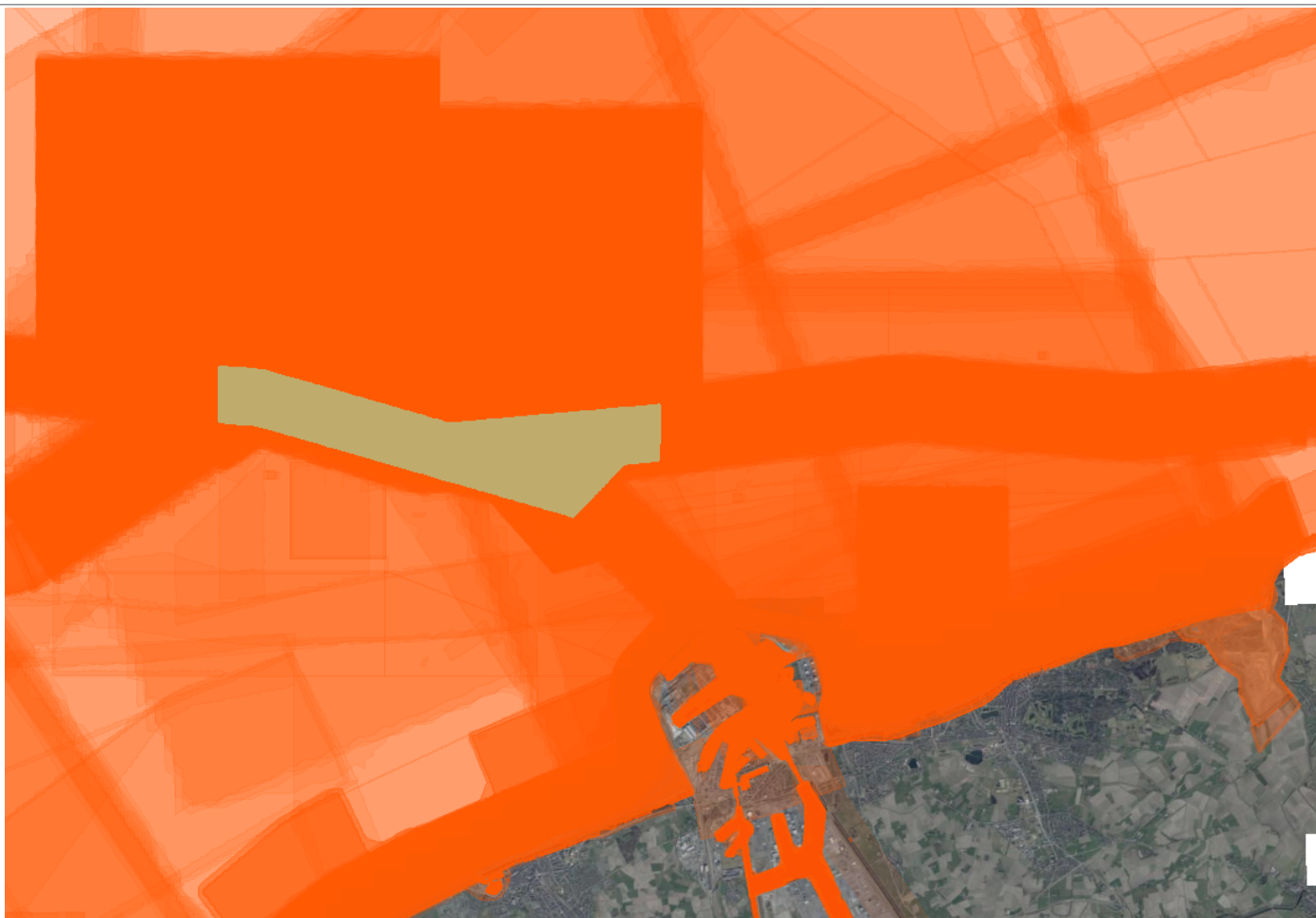
> 34.000 surveys

1990 tot heden

10m DTM per gebied

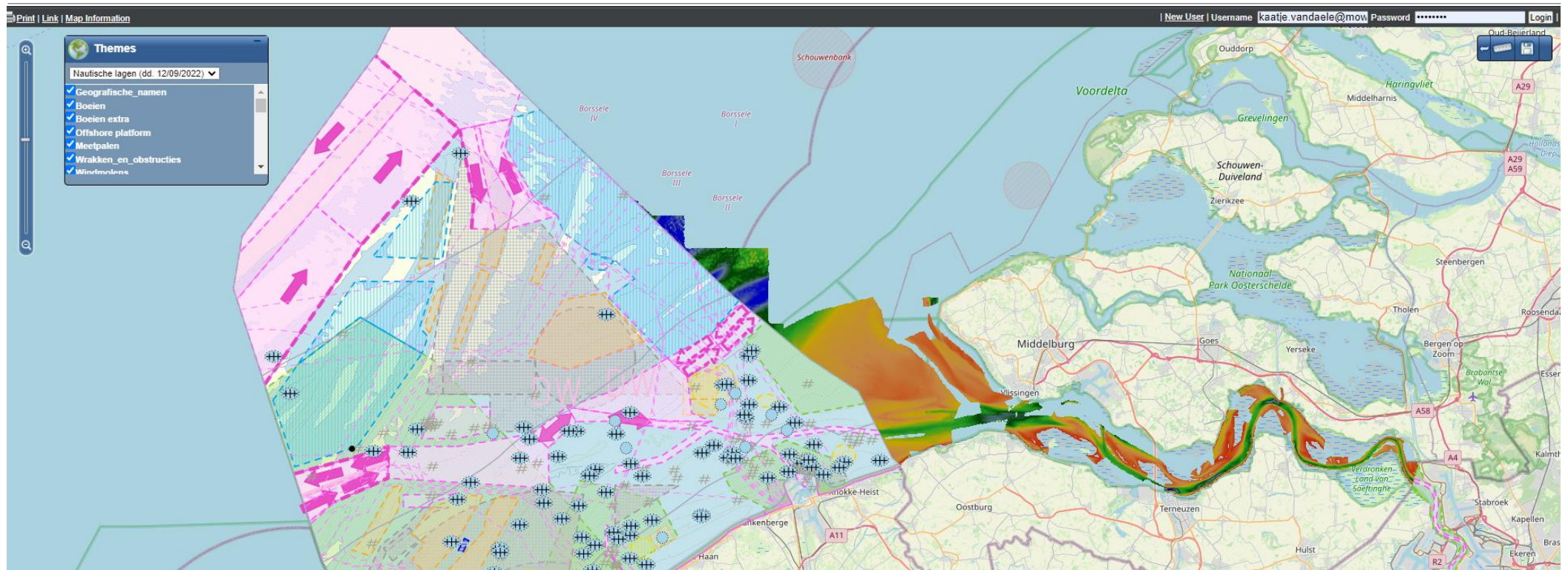


Caris DB Vlaamse Hydrografie - metadata

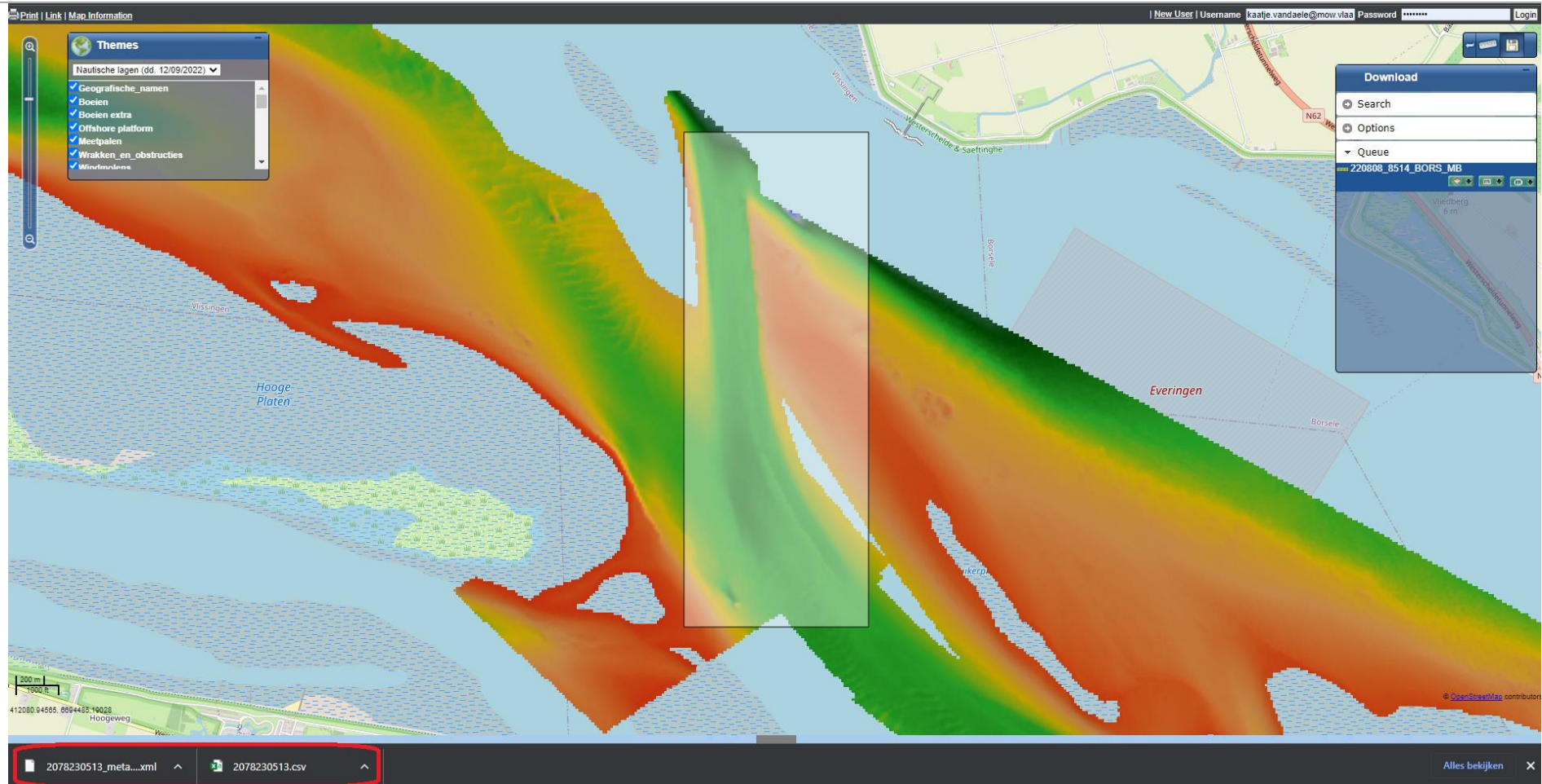


Horizontal datum (HORDAT)	ETRS 89
Vertical Datum Belgium (bvedat)	LAT
Tide Reduction Method (tidmet)	RTK Separation Model
Sign Convention Depth (depdir)	positive downwards
Vessel Name (vessel)	GeoSurveyor_IV
Survey Type (bsrtyp)	Monitoring
Year / Julian Day (brcdat)	2022293
Validating Organization (wbpdst)	GeoXYZ
Governing Organization (gbhdst)	VHO
Sounding Technique (soutch)	MB
Sounding Frequency [kHz] (soufrq)	300
Positioning Technique (postch)	RTK/LRK
Cell Depth Information (celval)	Shoalest
Cell Positional Information (celpos)	True Position
Object name (OBJNAM)	221020_205_SCHW_MB
Timecode (timcod)	UTC
Survey Projection (chrprj)	UTM Zone 31N
Tide Location Reference (tidloc)	Zeebrugge
Tide File (tidfil)	UNKNOWN_SHIFT.TXT
Survey line distance [m] (raaids)	0
Survey date - start (SURSTA)	20221020
Survey date - end (SUREND)	20221028
Surveying Organization (utvdst)	GeoXYZ
Sounding Accuracy [m] (bsouac)	0
Sounding System (sousys)	Norbit WBMS
Positioning Accuracy [m] (bposac)	0
Positioning System (possys)	Trimble BD982
Motion System (bewsen)	IXSEA Octans IV
Motion System (gyrsys)	IXSEA Octans IV
Information (INFORM)	Noordzee_Vaargeulen_SCHW
Coverage resolution (CoverageResolution)	1
Last modified time (ModificationTime)	20221108 101623.689
Coverage descriptor (CoverageDescriptor)	<?xml version="1.0"?> <Bathy_Coverage_Descriptor resolution
Coverage source filename (CoverageSource)	221020_205_schw_mb.csar
	PROJCS["ETRS89 / UTM zone 31N", GEOGCS["ETRS89", DATUM["European Terrestrial Ref

Huidig webportaal



Huidig webportaal



Huidig webportaal

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Vernieuwing webportaal

Bathymetrische databank

Filters Peilgebied Meettechniek Dieptelagen verticale datum login

Legende:

- ☐ Peilingen (omhullenden)
- ☒ Nautische lagen
 - ☒ Activiteitszones
 - ☐ Laag 1
 - ☐ Laag 2
 - ...
 - ☐ Ankerzones
 - ☐ Bathymetrie
 - ☐ Geografische namen
 - ☐ Infrastructuur
 - ☐ Maritieme grenzen
 - ☐ Maritieme routes
 - ☐ Obstructies
- ☒ Combined grid
 - ☐ Rasterpatroon
 - ☐ Combined grid
- ☐ Basiskaarten
 - ☐ Open Street Map

Selecteren

Timeslider

Tab peilingen Tab Combined grid

- ☐ Lijst zichtbare peilingen op de kaart met metadata
- ☐ (naam peiling, startdatum, einddatum, meettechniek, dieptelagen, verticale datum)
- ☐

Download

Kwaliteit

Peildata & metadata voor DB Vlaamse Hydrografie

- Minimaal IHO Order 1a-norm
- Coördinatenreferentiesysteem ETRS89 UTM-31N (EPSG-code: 25831)
- Verticale datum LAT (Lowest Astronomical Tide)
- Gecleande data: GSF of ASCII alle data (puntenwolk)
- Volledige metadata (ruimer dan CDI)

→ **Pas na goedkeuring peildata en metadata:**

Opladen in de DB

CDI's opladen voor EMODnet

Kwaliteit

Peildata & metadata voor DB Vlaamse Hydrografie

Nu:

Via email sfe@mow.vlaanderen.be en datatransfer wordt de data aangeleverd
DTM: Meest recente peildata enkel van VH

Toekomst:

Aanbieden van de peildata & metadata via het vernieuwde webportaal
DTM: Meest recente peildata van alle partijen

Metadata is steeds beschikbaar

Mogelijkheid tot download van de peildata is in samenspraak met eigenaar van peildata

Focus VH: veiligheid voor de scheepvaart