



**SeaDataNet**

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT

## ***SeaDataNet, interopérabilité à l'échelle pan-européenne***

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IFREMER, IDM/SISMER



## Sommaire

- Pourquoi SeaDataNet?
- Un peu d'histoire
- Objectifs, principe, méthode
- Les données Françaises dans SeaDataNet
- Flux de données SISMER → SeaDataNet
- Comment devenir un « Nœud » SeaDataNet?
- Démo du site Web

## *Pourquoi SeaDataNet?*

- Un constat
  - Les mesures sur l'océan sont très réparties
    - Plus de 500 laboratoires collectant des données dans les pays bordant les mers européennes
    - environ 100 centres de données
      - Différentes pratiques
      - Différentes règles
      - Différents formats
      - Différentes méta-données





# La gestion de données en Europe



- Données rassemblées dans les **centres de données nationaux (NODCs)**, reconnus par un organisme international dépendant de l'UNESCO: la COI - Commission Océanographique Intergouvernementale)



# La gestion de données en Europe



- Données rassemblées dans les **centres de données nationaux (NODCs**, reconnus par un organisme international dépendant de l'UNESCO: la COI - Commission Océanographique Intergouvernementale)
- Un **centre de données européen**



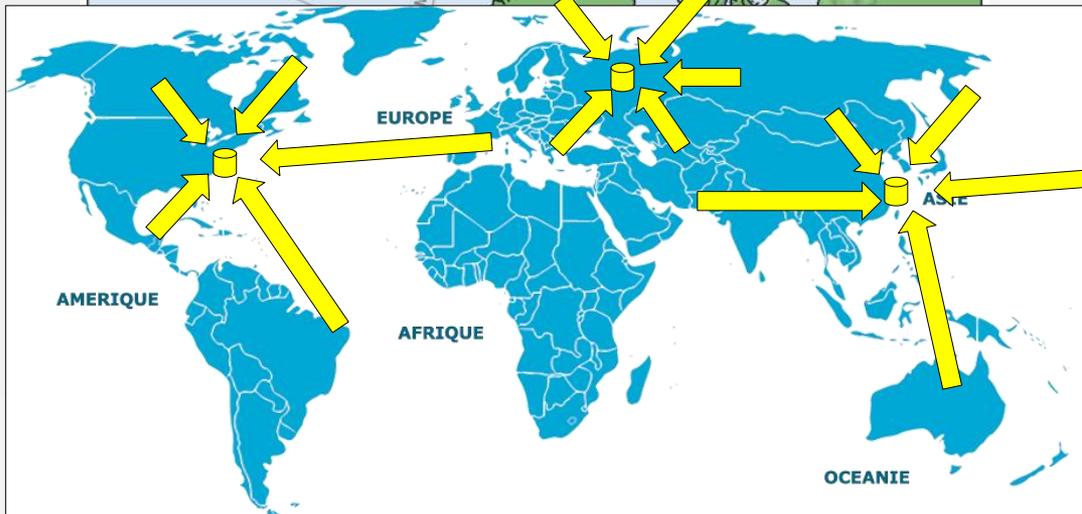
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Séminaire Marseille, 24-25 Sept 2015

# La gestion de données en Europe



- Données rassemblées dans les **centres de données nationaux (NODCs**, reconnus par un organisme international dépendant de l'UNESCO: la COI - Commission Océanographique Intergouvernementale)
- Un **centre de données européen**
- 3 **centres de données mondiaux (WDC)**

## Réseaux de NODCs

- Les NODCs se réunissent tous les 2 ans par l'intermédiaire de l'UNESCO/COI dans le cadre du programme IODE (International Oceanographic Data Exchange)
  - Règles communes pour la gestion de données : recommandations sur les procédures, l'assurance qualité, la standardisation
  - Mais pas de standards imposés
    - Pas de codifications communes
    - Pas de formats communs

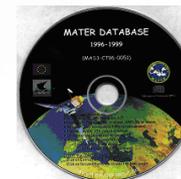
## Rôle de SeaDataNet

- **Rendre la vie des utilisateurs de données plus simple**
  - Un seul point d'accès aux données provenant de sources multiples
  - Donner un résultat homogène à une demande de données océanographiques
    - Même formats, même vocabulaire, qualité comparable
- **Laisser les pays à l'origine des données avoir le contrôle**
  - Pour les pratiques de gestion de données, pour les restrictions d'accès, pour les contrôles qualités (expertise locale/régionale)
- **Augmenter la visibilité des données**
  - Portail d'accès
  - Produits synthétiques : jeux de données agrégés, climatologies
  - Analyses géostatistiques

## Avant SeaDataNet

- 1990's – projets MAST
  - EDMED (1991-1993): inventaire des jeux de données marines
  - EURONODIM (1998-2001): inventaires des jeux de données, des campagnes à la mer (CSR) et des projets de recherche
  - EUROCORE – EUMARSIN (1998 - 2001): Géosciences – Géologie
  - MEDATLAS (1994-1997), MEDAR/MEDATLAS II (1998-2001)
- 2000's – projets MAST et FP5
  - EUROSEISMIC (2001-2004): Géosciences – Sismique et données de sonar
  - EDIOS (2001-2004): Inventaire des systèmes d'observation de l'océan
  - SEA-SEARCH (2002-2005): follow-up of EURONODIM
- Compilation de Méta-données et/ou de Données délivrées par les partenaires des projets

- Compilation - centralisation
- Distribution homogène de données et de méta-données
- Début de la standardisation





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## ***Le projet SeaDataNet***

- Abandon des projets nécessitant la centralisation de données homogènes
- Les données restent dans les centres de données mais sont accessibles à partir d'un endroit unique : le centre de données virtuel

- Standardisation
- Interopérabilité
- Centres de données répartis



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## SeaDataNet - Objectifs

- **Fédérer les centres de données** océanographiques de 35 pays bordés par les mers européennes
- **Créer un centre de données unique virtuel**, permettant à un utilisateur, recherchant des données, de se connecter aux 35 pays à partir d'une seule interface utilisateur
- **Distribuer des jeux de données complets** concernant des zones géographiques spécifiques à des utilisateurs privilégiés (modélisateurs,...)
- **Créer et diffuser des produits** (climatologies) faits à partir des données mises dans le système



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## SeaDataNet - Principe

- SeaDataNet est **basé sur un système semi-distribué** qui regroupe les NODCs et qui améliore le réseau de NODCs existant.
- Les développements techniques mis en place permettent aux NODCs connectés au système SeaDataNet d'être vus comme **un seul centre de données virtuel** capable de délivrer des données, des méta-données et des produits, de qualité contrôlée, par un **portail Web unique**

## SeaDataNet - Plan de route

- SeaDataNet phase 1 (2006-2011) : 10 M€ - 5 ans – Eu FP6
  - Mise en place de l'infrastructure en 2 étapes
    - Connexion des 10 centres de données les plus avancés d'un point de vue technologique pour mettre en place et tester le système
    - Connexion des 29 autres centres de données de façon progressive avec assistance de la part des 10 centres déjà connectés



- 49 partenaires – 39 centres de données
- 34 pays

## SeaDataNet - Plan de route

- SeaDataNet 2 (2011-2015) : 6 M€ - 4 ans – Eu FP7
  - Rendre le système plus fiable (monitoring), plus automatisé (échange de données Machine à machine) et pérenne (infrastructure financée hors projet européen)
  - Connecter encore plus de centres de données
  - Rajouter plus de données, et plus de types de données (biologie)



- 59 participants – 46 centres de données
  - 44 partenaires
  - 14 sous-contractants
  - 1 partenaire associé
- 35 pays



## ***SeaDataNet : Méthode***

- Développement de standards
  - Vocabulaire communs pour les méta-données
  - Formats de fichiers communs
  - Protocole commun pour le contrôle des données et des méta-données
- Définition de catalogues communs décrits en XML ISO
- Définition des règles de mise à disposition des données
- Utilisation de logiciels communs développés dans le cadre de SeaDataNet et mis à disposition de tous les partenaires (et plus)



## ***Standards (1) : Vocabulaires communs***

- Listes de vocabulaires maintenues par le British Oceanographic Data Centre (BODC)
- 120 000 termes dans ~70 listes
  - Zone géographiques, navires, paramètres(CF, MEDATLAS, BODC), unités de mesures, instruments, Systèmes de positionnement, organisations marines.....
- Vocabulaires accessibles par
  - site Web :  
[http://seadatanet.maris2.nl/v\\_bodc\\_vocab\\_v2/welcome.asp](http://seadatanet.maris2.nl/v_bodc_vocab_v2/welcome.asp)
  - Web services  
[http://www.bodc.ac.uk/products/web\\_services/vocab/methods.html](http://www.bodc.ac.uk/products/web_services/vocab/methods.html)

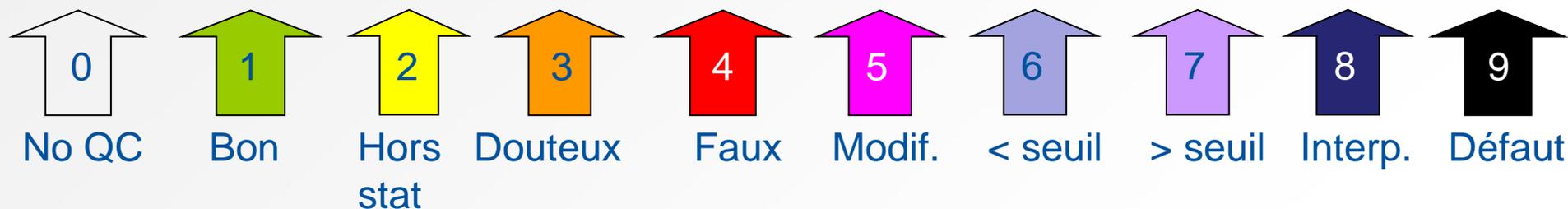
## ***Standards (2) : Formats de fichiers***

3 formats de fichiers sont définis pour les échanges de données

- ODV SeaDataNet - Ocean Data view (ASCII)
- MEDATLAS SeaDataNet (ASCII)
- NETCF SeaDataNet – CF (Binaire)

## Standards (3) : Contrôles qualité

- Protocoles suivis par tous les Centres de données
- Des tests automatiques et visuels doivent être effectués sur toutes les données mises dans le système
- Chaque donnée numérique a un indicateur de qualité (échelle de qualité définie dans les standards)
- La cohérence et la qualité des données sont évaluées lors de la génération des produits





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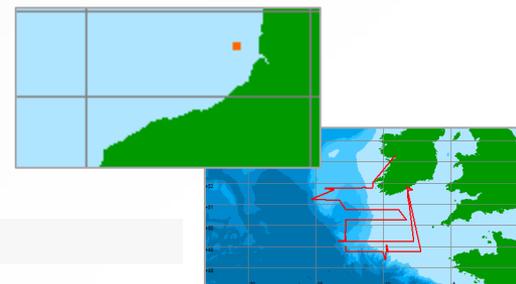
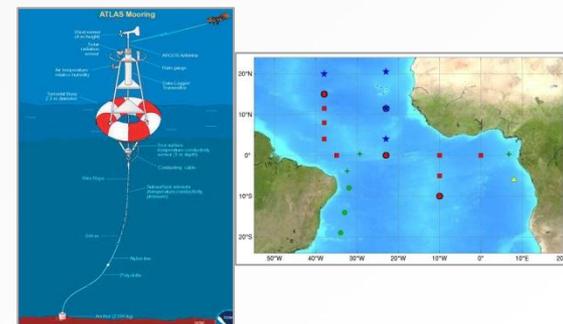
## 6 catalogues communs (XML ISO)

- **EDMO** : European Directory of Marine Organisations (~3 560)
  - 1 organisation ou 1 département/laboratoire - IFREMER/SISMER
- **CSR** : Cruise Summary Reports (~46 100)
  - 1 campagne = 1 CSR
- **EDMED** : European Directory of Marine Environmental Datasets (~4 030)
  - 1 Jeu de données : 1 EDMED - MEDAR/MEDATLAS database



## 6 catalogues communs (XML ISO)

- **EDMERP** : European Directory of Marine Environmental Research projects (~2 900)
  - 1 projet = 1 EDMERP - SeaDataNet 2
- **EDIOS** : European Directory of Initial Observing Systems (~360)
  - 1 observatoire = 1 programme EDIOS
    - un réseau de bouées météo
- **CDI** : Common Data Index → **Accès aux données** (~ 1 800 000)
  - 1 point or une série-temporelle ou 1 trajectoire = 1 CDI
    - 1 station CTD, 1 courantomètre, 1 trajectoire de thermosalinographe ou de bathymétrie



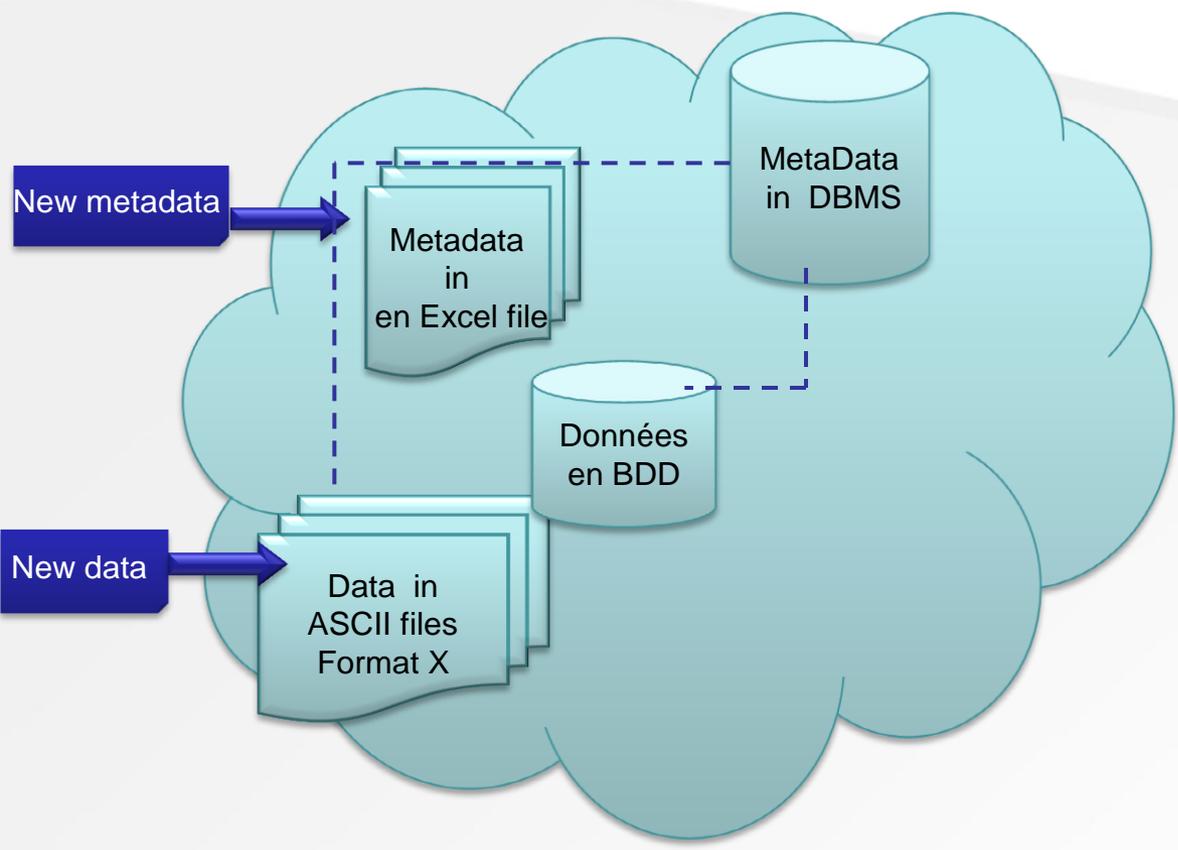
## Logiciels communs (1)

### • Distribués à tous les partenaires :

- **MIKADO** : générateur des descriptions XML des différents catalogues
- **NEMO** : générateur de fichiers aux formats standards de SeaDataNet
- **Ocean Data View (ODV)** : pour affichage, contrôle qualité des données
- **DIVA** : outil d'analyse pour la génération des produits (cartes, climatologies, ...)
- **Download Manager (DM)** : pour rechercher les fichiers demandés par les utilisateurs dans les systèmes de données des partenaires
  - **Table ou fichier de Coupling** : table ou fichier permettant de faire le lien entre l'identifiant local des données et la localisation de ces données (dans un fichier, dans une base de données)
- **GeoNetWork** (open source): pour le moissonnage des données

## *Logiciels communs (2)*

- **Installés sur les serveurs centraux :**
  - **Catalogues centralisés** et le **CMS** (**C**ontent **M**anagement **S**ystem) correspondant pour la mise à jour (pour les projets et les campagnes)
  - **Interface web** d'interrogation des différents catalogues et des données
  - **Request Status Manager (RSM)** : pour qu'un l'utilisateur puisse suivre l'évolution de sa demande de données
  - Web service pour l'identification en cas de téléchargement (**AAA** : Authentication Autorisation Accès)



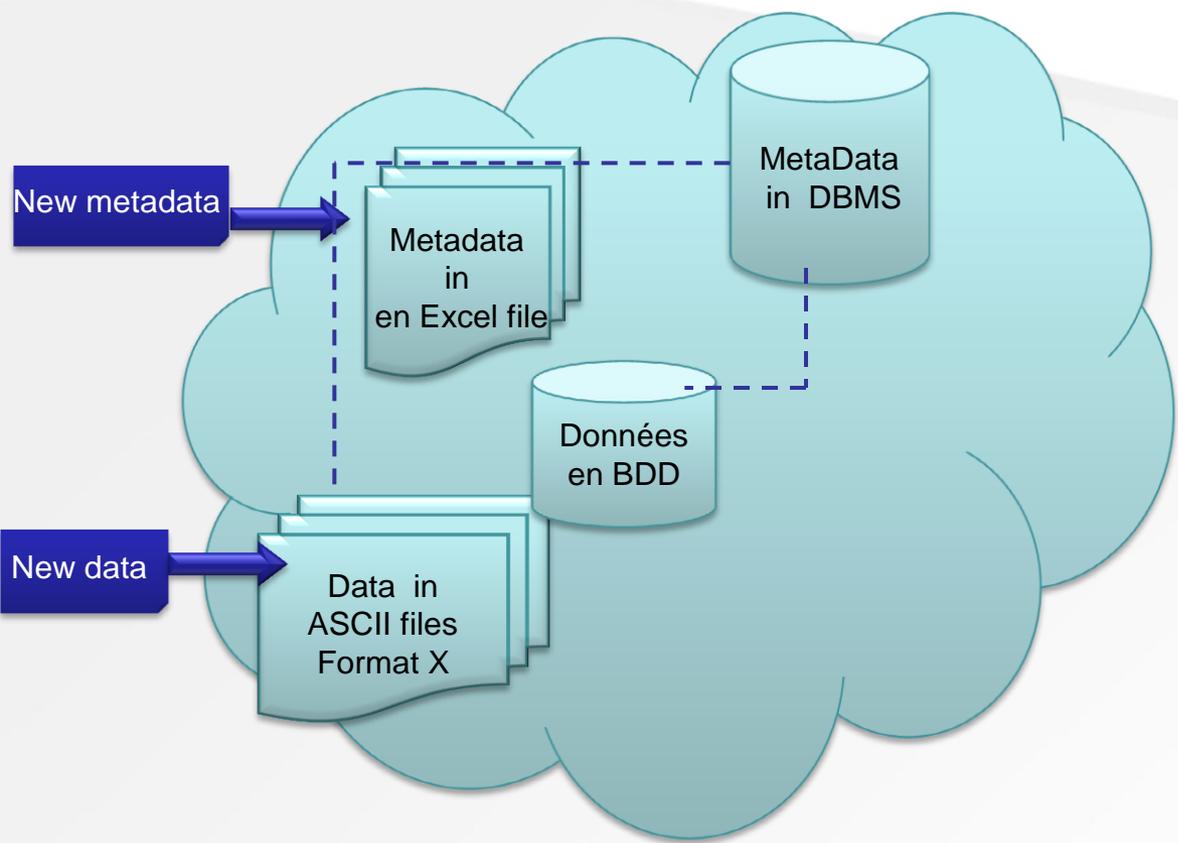


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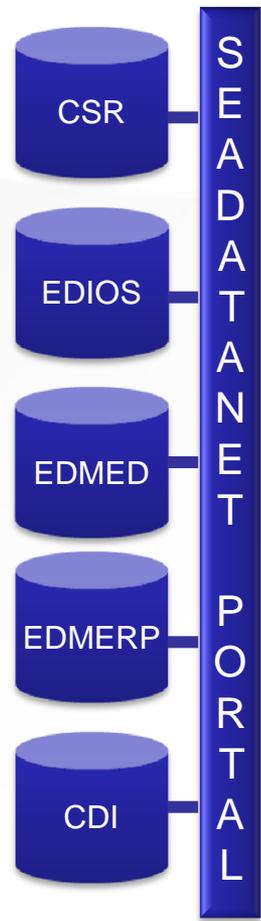
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Data centres



European portal

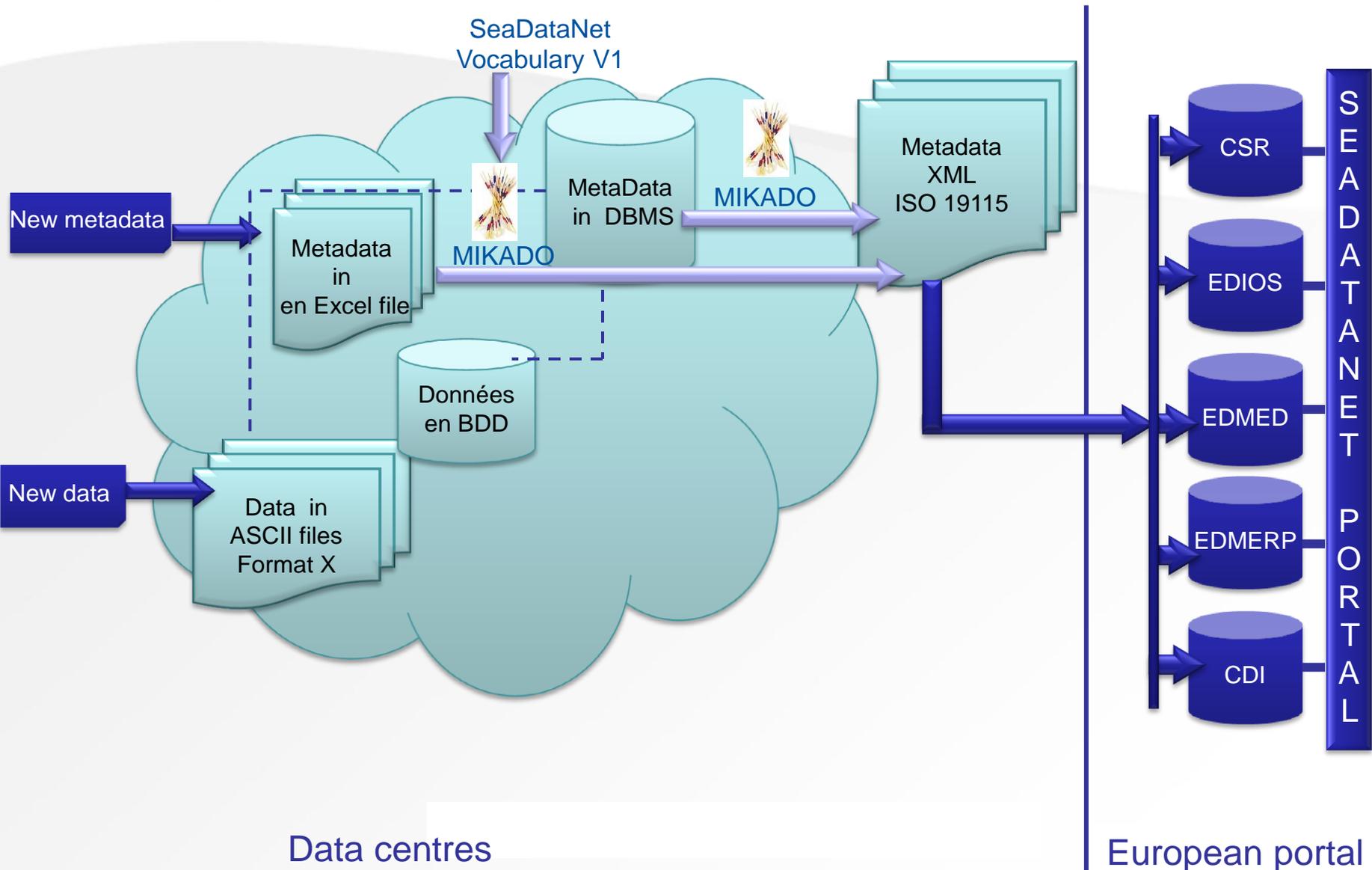


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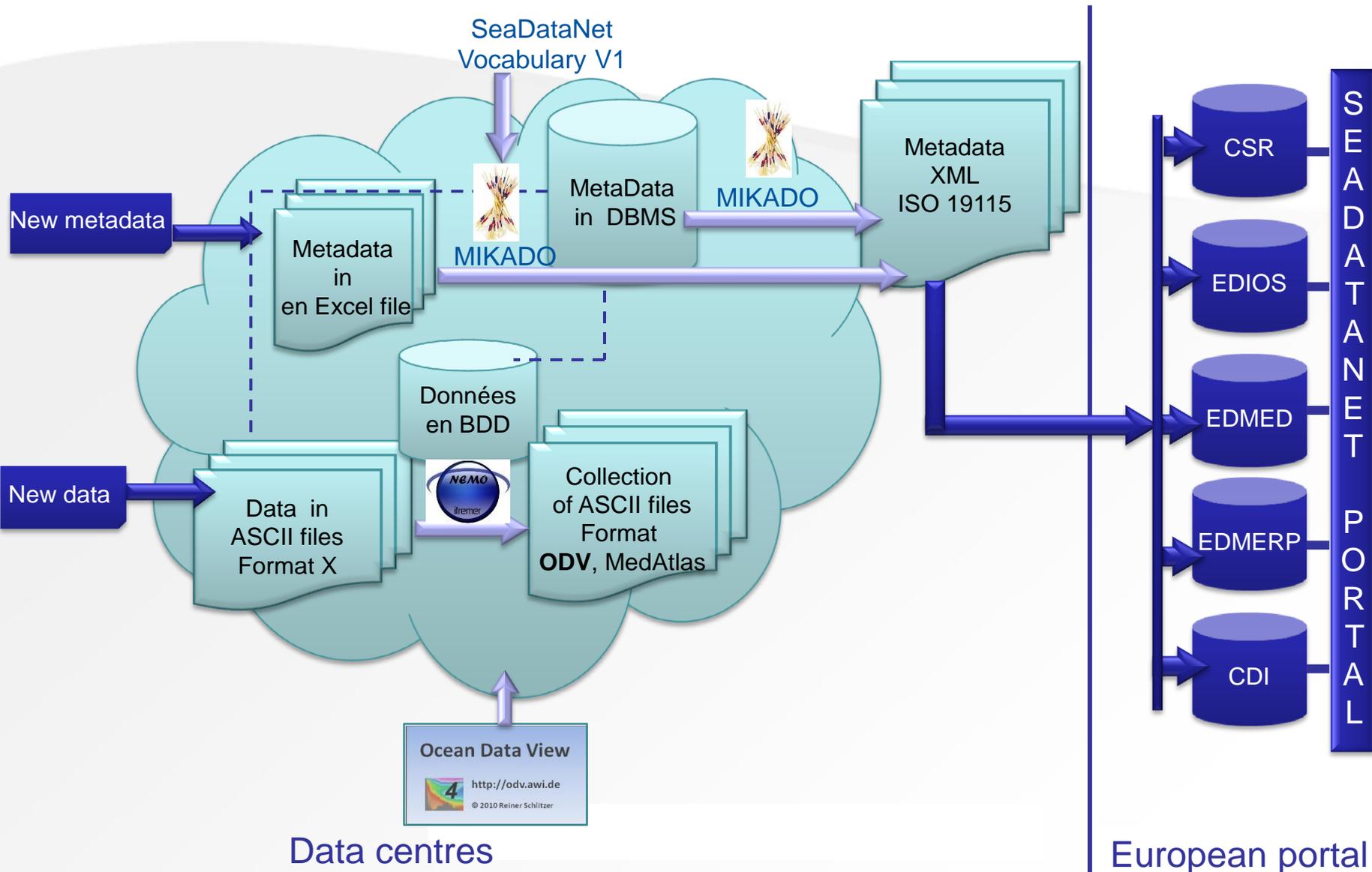


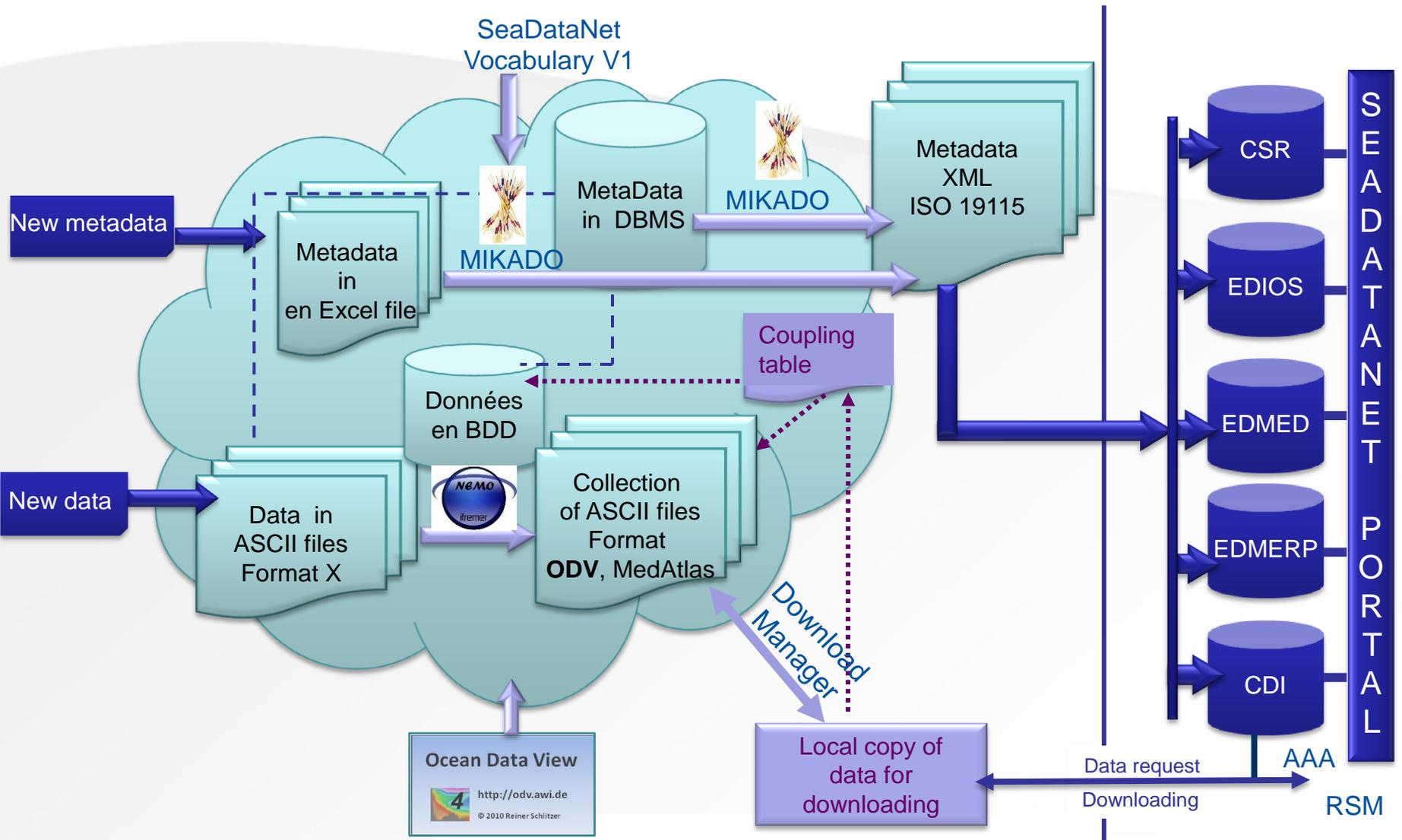
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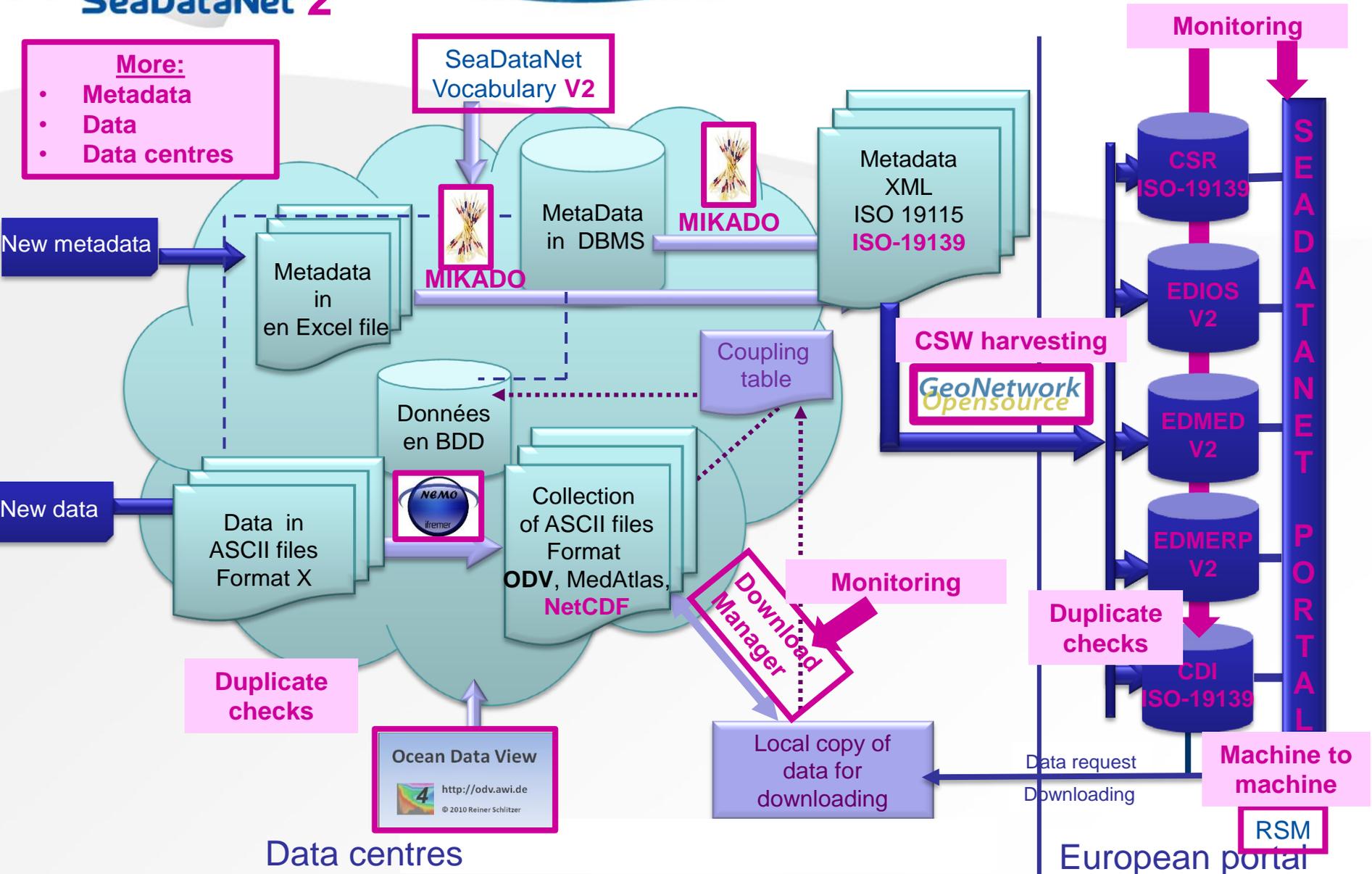




# SeaDataNet 2

**More:**

- Metadata
- Data
- Data centres





SeaDataNet

Restful Web Services  
Standard SKOS  
Simple Knowledge Organization System

Vocabulaire  
SeaDataNet

Java – JDBC – SQL – XML  
Web Services  
Java DataBase Connectivity

CMS  
Content Management System  
Web services

Liens Http  
HTML

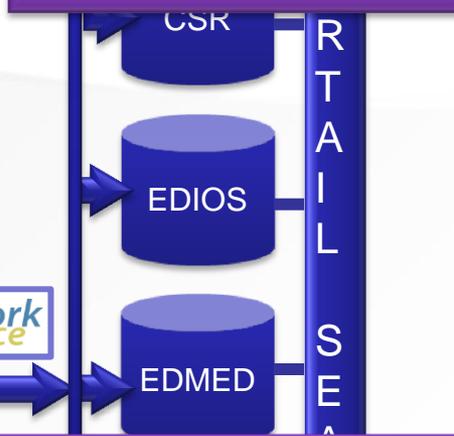
Nouvelles  
Méta-données

Meta  
données  
en fichier  
Excel

Meta  
données  
en  
BDD

MIKADO

données  
au format  
XML  
ISO 19115  
ISO-19139



Nouvelles  
données

Données  
en  
Fichiers ASCII  
Format

Données  
en BDD

NEMO

Collection  
de fichiers  
ASCII au  
Format

Coupling  
table

GeoNetwork  
Opensource

Java – JDBC – SQL – XML  
Web Services  
Java DataBase Connectivity

SQL

Java  
Servlet sur  
serveur  
TOMCAT

CAS  
Central Authentication service  
SSO  
Single Sign On protocol  
LDAP  
Lightweight Directory Access Protocol

C++  
Ocean Data View  
http://odv.awi.de  
© 2010 Reiner Schlitzer

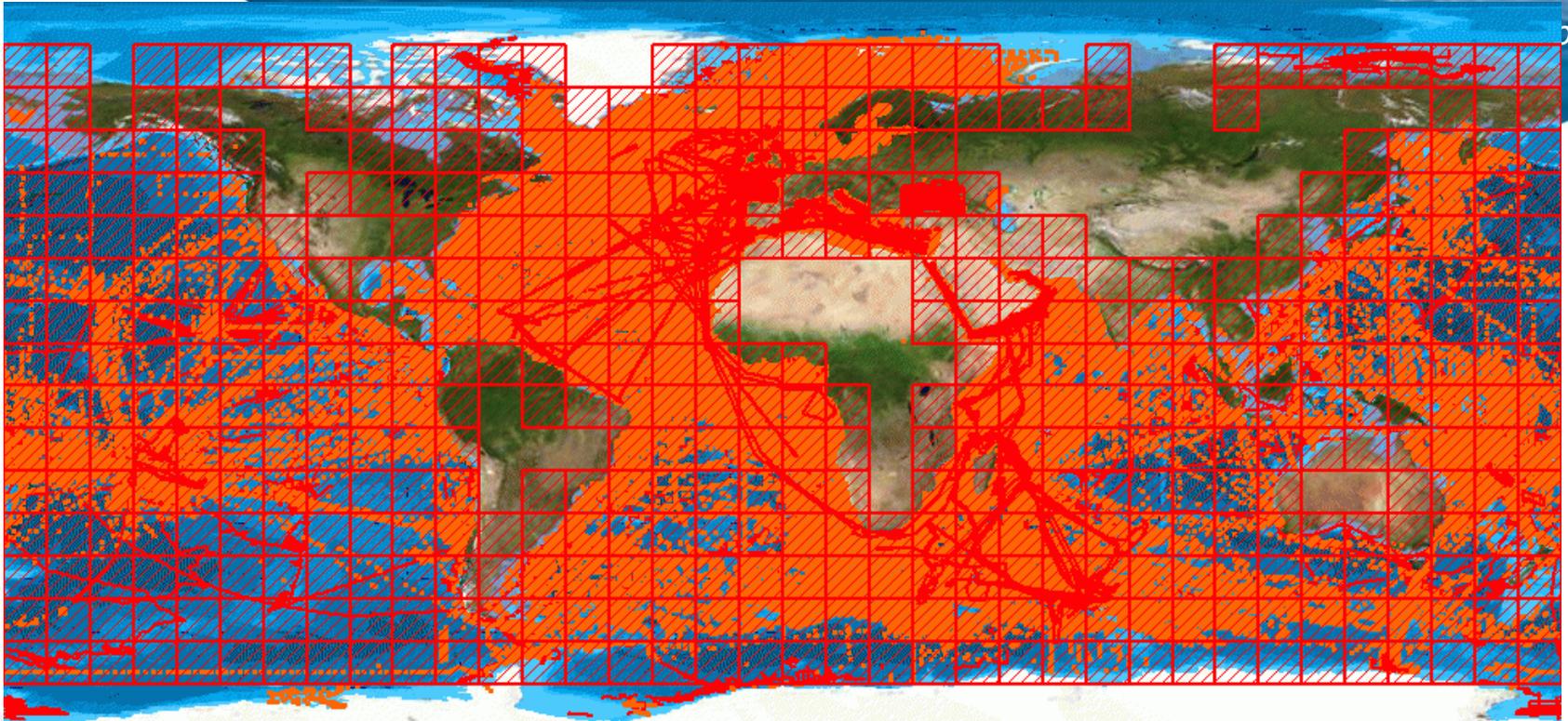
Copie locale  
de données pour  
téléchargement

SOAP  
Simple Object  
Access Protocol

AAA  
RSM

Centre de données partenaire

Portail européen



**~ 1,8 million** CDIs issus de **35** pays, **102** data centres et **565** fournisseurs pour des données de physique, chimie, géologie, géophysique, bathymetrie et biologie; datant de **1805 – 2015**;

**85%** en accès libre (ou SeaDataNet licence)

## *Quelles données françaises?*

- Données de physique/chimie/biologie
  - ~ 57 000 CTDs
  - ~ 49 900 prélèvements bouteilles
  - ~ 2 100 Courantomètres
  - ~ 130 000 profils des flotteurs ARGO français
  - ~ 1 600 Séries temporelles issues des réseaux de surveillance
  - ~ 130 fichiers de thermosalinographe
- Données de géosciences
  - ~ 8 500 fichiers de Bathymétrie multifaisceaux
  - ~ 570 fichiers MGD gravimétrie, magnétisme et bathymétrie verticale
  - ~ 3 700 profils sismiques
  - ~ 14 500 analyses sur échantillons géologiques (roches, carottes)



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# Accès aux données par le portail SDN?

- <http://www.seadatanet.org>
- 2 manières

## DATA ACCESS SERVICES

Click here for direct access to data (search)

Search

Click here for direct access to data (browse)

Browse



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Ifremer

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# Search – Entrez les critères

- Tels que pays, paramètres, instrument, période, localisation géographique....

SEADATANET COMMON DATA INDEX (CDI) V3

**Tools**

Enlarge Help  
Position Index

Datasets 0  
Basket Reset

SeaDataNet

**Layer control** Expand Add layer

CDI entry Points ?  
 CDI entry Tracks ?  
 CDI entry Areas ?

Grid Lines ? ? ? ?  
 Regional sea ? ? ? ?  
 Regional sea labels ? ? ? ?  
 Main sea ? ? ? ?  
 Main sea labels ? ? ? ?  
 Bathymetry ? ? ? ?  
 Blue Marble ? ? ? ?

**Lat/long**

Upper-left ? Lower-right ?

---

**Search** Search Clear ?

Free search

Disciplines - Parameter groups

All  
Administration and dimensions  
> Administration and dimensions  
Atmosphere  
> Atmospheric chemistry

Discovery parameters

All  
Acoustic backscatter in the water column  
Acoustic noise in the water column  
Active seismic refraction  
Air pressure

Cruise/Station name

Projectname

Datasetname

Sea regions

All  
World  
> Arctic Ocean  
>> Baffin Bay

Waterdepth (m) from

Originator

CDI partner

Country

Access restriction

All  
academic

Instrument type

All  
>2000 Hz top-bandwidth single-channel seismic  
>2000 Hz top-bandwidth sub-bottom penetrator  
1000 Hz top-bandwidth multi-channel seismic

Instrument depth (m) from

Platform type

All  
aeroplane  
autonomous surface water vehicle  
autonomous underwater vehicle

Measuring area type

All

Temporal resolution

All

Date (yyyymmdd) from

Duration

Unit: Hours



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## Search – Entrez les critères

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Search   Clear   ?

Free search	<input style="width: 90%;" type="text"/>		
Disciplines - Parameter groups	<div style="border: 1px solid #ccc; padding: 2px;"> All  Administration and dimensions  &gt; Administration and dimensions  Atmosphere  &gt; Atmospheric chemistry </div>		
Discovery parameters	<div style="border: 1px solid #ccc; padding: 2px;"> All  Acoustic backscatter in the water column  Acoustic noise in the water column  Active seismic refraction  Air pressure </div>		
Cruise/Station name	<input style="width: 80%;" type="text"/>	Instrument type	<div style="border: 1px solid #ccc; padding: 2px;"> All  &gt;2000 Hz top-bandwidth single-channel seismic  &gt;2000 Hz top-bandwidth sub-bottom penetrato  1000 Hz top-bandwidth multi-channel seismic </div>
Projectname	<input style="width: 80%;" type="text"/>	Instrument depth (m) from	<input style="width: 40%;" type="text"/> to <input style="width: 40%;" type="text"/>
Datasetname	<input style="width: 80%;" type="text"/>	Platform type	<div style="border: 1px solid #ccc; padding: 2px;"> All  aeroplane  autonomous surface water vehicle  autonomous underwater vehicle </div>
Sea regions	<div style="border: 1px solid #ccc; padding: 2px;"> All  World  &gt; Arctic Ocean  &gt; &gt; Baffin Bay </div>	Measuring area type	<div style="border: 1px solid #ccc; padding: 2px;"> All </div>
Waterdepth (m) from	<input style="width: 40%;" type="text"/> to <input style="width: 40%;" type="text"/>	Temporal resolution	<div style="border: 1px solid #ccc; padding: 2px;"> All </div>
Originator	<div style="border: 1px solid #ccc; padding: 2px;"> All </div>	Date (yyyymmdd) from	<input style="width: 40%;" type="text"/> to <input style="width: 40%;" type="text"/>
CDI partner	<div style="border: 1px solid #ccc; padding: 2px;"> All </div>	Duration	<input style="width: 40%;" type="text"/> to <input style="width: 40%;" type="text"/> Unit <div style="border: 1px solid #ccc; padding: 2px;">Hours</div>
Country	<div style="border: 1px solid #ccc; padding: 2px; background-color: yellow;"> All  Ireland </div>		
Access restriction	<div style="border: 1px solid #ccc; padding: 2px;"> All  academic </div>		

## Tools ?



Enlarge

Help

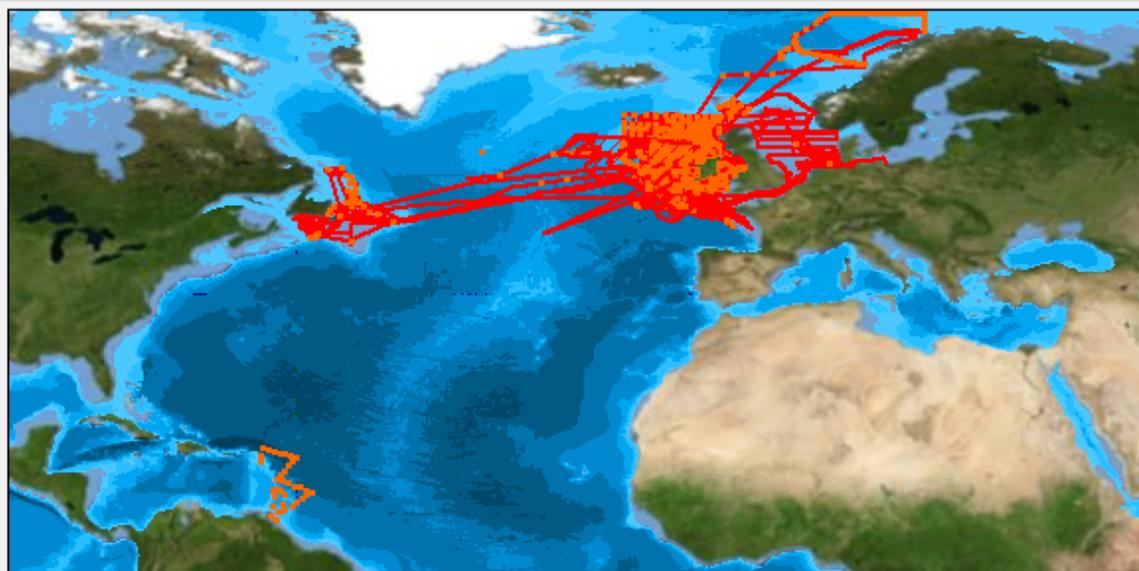
Position

Index

Datasets 0

Basket

Reset



## Layer control ?

Expand

Add layer

- CDI entry Points ?
- CDI entry Tracks ?
- CDI entry Areas ?

- Grid Lines ? ↑ ↓
- Regional sea ? ↑ ↓
- Regional sea labels ? ↑ ↓
- Main sea ? ↑ ↓
- Main sea labels ? ↑ ↓

- Display all selected records
- Only selected records in results list

## Listing results

 20  100  1000 records

Go

Add to basket

Timeseries on

Summary

Zoom to selected

Export result

Store query

[Refine query](#) | [New query](#) | Found 8163 | Show (1-20) | [Previous](#) | [Next 20](#)

#	Data set name ⇅	Country ⇅	Start date ⇅	Disciplines - Parameter groups	Instrument / gear type ⇅	Show
<input type="checkbox"/>	CE0920SeaTemperature	Ireland	20091216	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0919SeaTemperature	Ireland	20091202	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0918SeaTemperature	Ireland	20091029	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0917SeaTemperature	Ireland	20091008	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0916SeaTemperature	Ireland	20090925	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	

## Tools ?

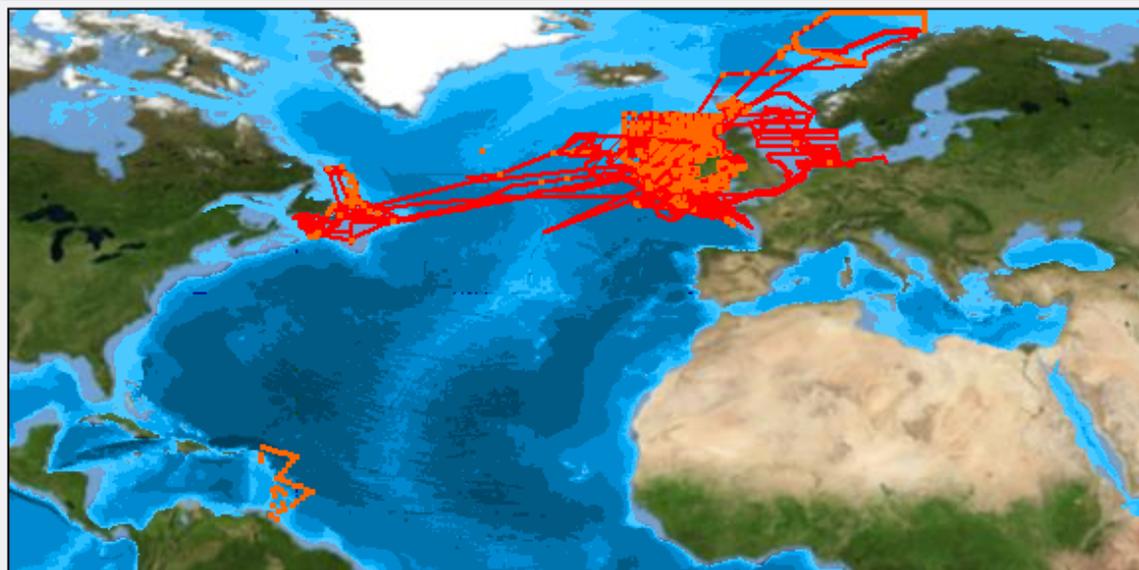


Enlarge Help  
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Add to basket



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<input type="checkbox"/>	CE0918SeaTemperature	Ireland	20091029	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0917SeaTemperature	Ireland	20091008	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0916SeaTemperature	Ireland	20090925	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	

## Tools ?



Enlarge

Help

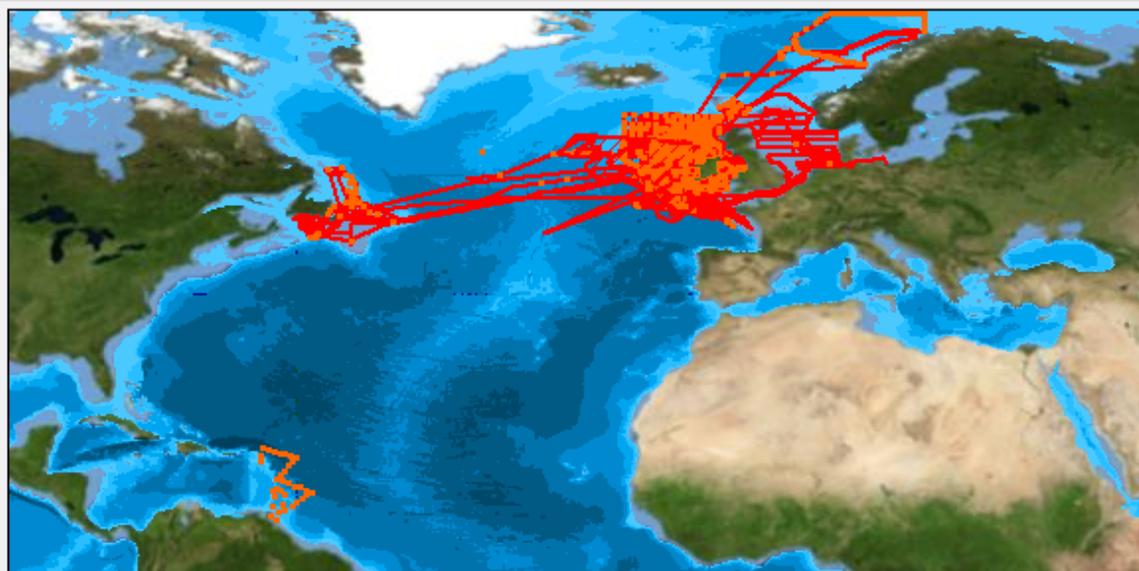
Position

Index

Datasets 0

Basket

Reset



## Layer control ?

Expand

Add layer

- CDI entry Points ?
- CDI entry Tracks ?
- CDI entry Areas ?

- Grid Lines ? ↑ ↓
- Regional sea ? ↑ ↓
- Regional sea labels ? ↑ ↓
- Main sea ? ↑ ↓
- Main sea labels ? ↑ ↓

- Display all selected records
- Only selected records in results list

## Listing results

 20  100  1000 records

Go

Add to basket

Timeseries on

Summary

Zoom to selected

Export result

Store query

[Refine query](#) | [New query](#) | Found 8163 | Show (1-20) | [Previous](#) | [Next 20](#)

#	Data set name ⇅	Country ⇅	Start date ⇅	Disciplines - Parameter groups	Instrument / gear type ⇅	Show
<input type="checkbox"/>	CE0920SeaTemperature	Ireland	20091216	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0919SeaTemperature	Ireland	20091202	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0918SeaTemperature	Ireland	20091029	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0917SeaTemperature	Ireland	20091008	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CE0916SeaTemperature	Ireland	20090925	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	

**SeaDataNet**

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT



Séminaire Marseille, 24-25 Sept 2015

**SUMMARY****SeaDataNet**

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT

**Export**

Per CDI Partner



Per Originator



Per Parameter Group



Per Discovery Parameter



Per Instrument/Type



Per Year



Per Data Access Restriction



**SeaDataNet**

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT



Séminaire Marseille, 24-25 Sept 2015

**SUMMARY****SeaDataNet**

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT

Export

Per CDI Partner



Per Originator



Per Parameter Group



Per Discovery Parameter



Per Instrument/Type



Per Year



Per Data Access Restriction



**SUMMARY**



Per Discovery Parameter		+ -
Per Instrument/Type		+ -
Per Year		+ -
Per Year		Datasets
<input type="checkbox"/> 2014		322
<input type="checkbox"/> 2013		731
<input type="checkbox"/> 2012		645
<input type="checkbox"/> 2011		483
<input type="checkbox"/> 2010		677
<input type="checkbox"/> 2009		771
<input type="checkbox"/> 2008		677
<input type="checkbox"/> 2007		642
<input type="checkbox"/> 2006		929
<input type="checkbox"/> 2005		1220
<input type="checkbox"/> 2004		546
<input type="checkbox"/> 2003		346
<input type="checkbox"/> 2002		96
<input type="checkbox"/> 2001		115
<input type="checkbox"/> 2000		118
<input type="checkbox"/> 1999		75
<input type="checkbox"/> 1996		1
Per Data Access Restriction		

## SUMMARY



Per Discovery Parameter	+ -
Per Instrument/Type	+ -
Per Year	+ -
Per Year	Datasets
<input checked="" type="checkbox"/> 2014	322
<input checked="" type="checkbox"/> 2013	731
<input checked="" type="checkbox"/> 2012	645
<input checked="" type="checkbox"/> 2011	483
<input checked="" type="checkbox"/> 2010	677
<input checked="" type="checkbox"/> 2009	771
<input checked="" type="checkbox"/> 2008	677
<input checked="" type="checkbox"/> 2007	642
<input checked="" type="checkbox"/> 2006	929
<input checked="" type="checkbox"/> 2005	1220
<input checked="" type="checkbox"/> 2004	546
<input checked="" type="checkbox"/> 2003	346
<input checked="" type="checkbox"/> 2002	96
<input checked="" type="checkbox"/> 2001	115
<input checked="" type="checkbox"/> 2000	118
<input checked="" type="checkbox"/> 1999	75
<input checked="" type="checkbox"/> 1996	1
Per Data Access Restriction	

## Tools ?

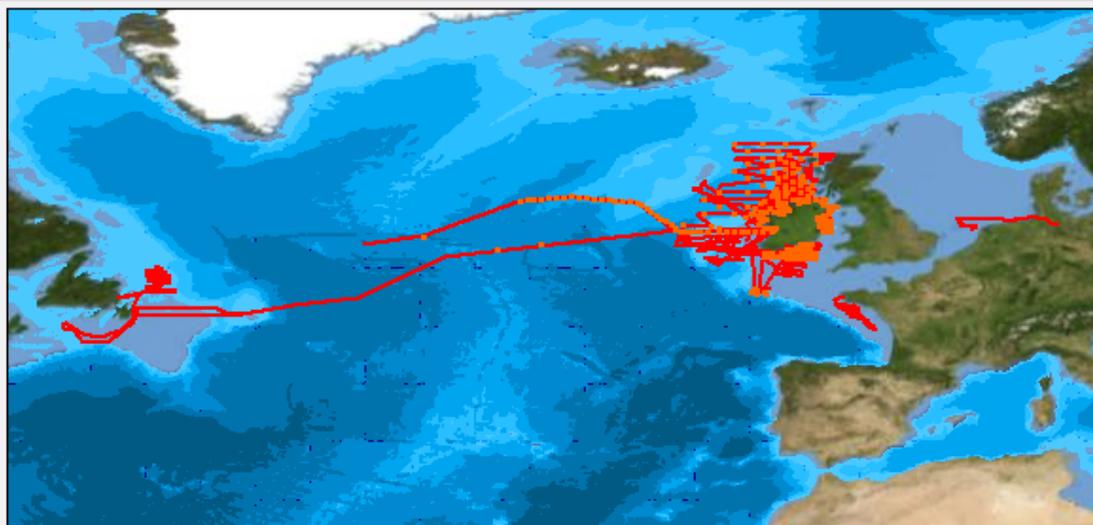


Enlarge Help

Position Index

Datasets 0

Basket Reset



## Layer control ? Expand Add layer

- CDI entry Points ?
- CDI entry Tracks ?
- CDI entry Areas ?

- Grid Lines ? ↑ ↓
- Regional sea ? ↑ ↓
- Regional sea labels ? ↑ ↓
- Main sea ? ↑ ↓
- Main sea labels ? ↑ ↓

- Display all selected records
- Only selected records in results list

## Listing results

 20  100  1000 records 

Add to basket 🛒

Timeseries on

Summary

Zoom to selected

Export result

Store query

[Refine query](#) | [New query](#) | Found 322 | Show (1-20) | [Previous](#) | [Next 20](#)

#	Data set name	Country	Start date	Disciplines - Parameter groups	Instrument / gear type	Show
<input type="checkbox"/>	CV14022SeaTemperature	Ireland	20140920	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14020SeaTemperature	Ireland	20140517	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14015SeaTemperature	Ireland	20140828	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14014SeaTemperature	Ireland	20140818	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14013SeaTemperature	Ireland	20140723	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14012SeaTemperature	Ireland	20140705	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	

## Tools ?

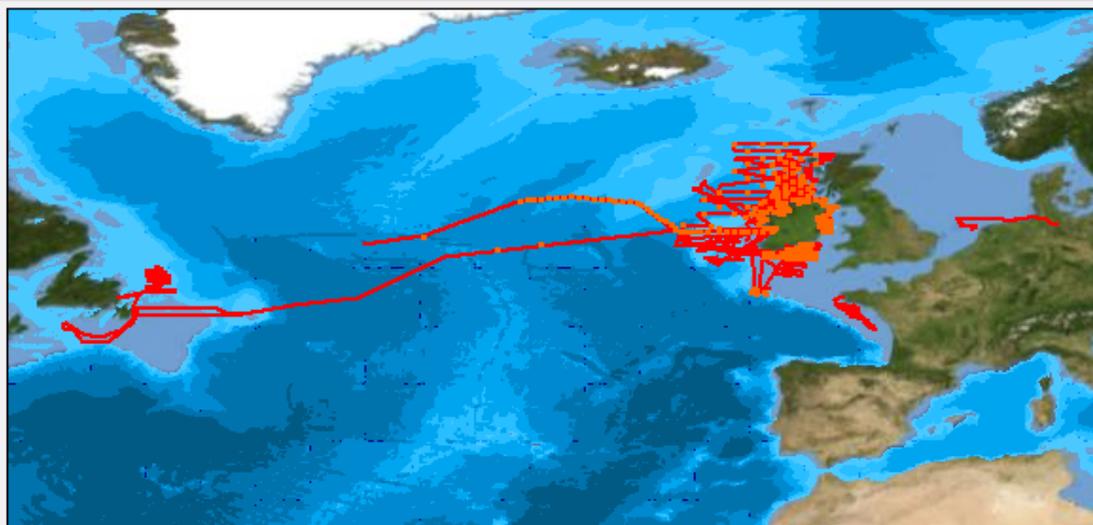


Enlarge Help

Position Index

Datasets 0

Basket Reset



## Layer control ? Expand Add layer

- CDI entry Points ?
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- Grid Lines ? ↑ ↓
- Regional sea ? ↑ ↓
- Regional sea labels ? ↑ ↓
- Main sea ? ↑ ↓
- Main sea labels ? ↑ ↓

- Display all selected records
- Only selected records in results list

## Listing results

 20  100  1000 records 

Add to basket 🛒

 Timeseries on **Summary** Zoom to selected Export result Store query

[Refine query](#) | [New query](#) | Found 322 | Show (1-20) | Previous | Next 20

#	Data set name ⇅	Country ⇅	Start date ⇅	Disciplines - Parameter groups	Instrument / gear type ⇅	Show
<input type="checkbox"/>	CV14022SeaTemperature	Ireland	20140920	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14020SeaTemperature	Ireland	20140517	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14015SeaTemperature	Ireland	20140828	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14014SeaTemperature	Ireland	20140818	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14013SeaTemperature	Ireland	20140723	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	
<input type="checkbox"/>	CV14012SeaTemperature	Ireland	20140705	Administration and dimensions > Administration and dimensions Physical oceanography > Water column temperature and salinity	thermosalinographs	

**SeaDataNet**

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT



Séminaire Marseille, 24-25 Sept 2015

**SUMMARY****SeaDataNet**

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT

Export

Per CDI Partner



Per Originator



Per Parameter Group



Per Discovery Parameter



Per Instrument/Type



Per Year



Per Data Access Restriction



SUMMARY



Export

Per Instrument/Type	Datasets	Duration in hours	Duration in days	Duration in years
<input checked="" type="checkbox"/> CTD	291	5	0	0,00
<input checked="" type="checkbox"/> thermosalinographs	31	9.575	399	1,09
<b>Per Year</b> <span style="float: right;">+ -</span>				
<b>Per Data Access Restriction</b> <span style="float: right;">+ -</span>				
<b>Per Data Access Restriction</b>	<b>Datasets</b>			
<input checked="" type="checkbox"/> SeaDataNet licence	322			

SUMMARY



Export

Per Instrument/Type	Datasets	Duration in hours	Duration in days	Duration in years
<input type="checkbox"/> CTD	291	5	0	0,00
<input type="checkbox"/> thermosalinographs	31	9.575	399	1,09
<b>Per Year</b>				
<b>Per Data Access Restriction</b>				
Per Data Access Restriction	Datasets			
<input checked="" type="checkbox"/> SeaDataNet licence	322			

## Tools ?

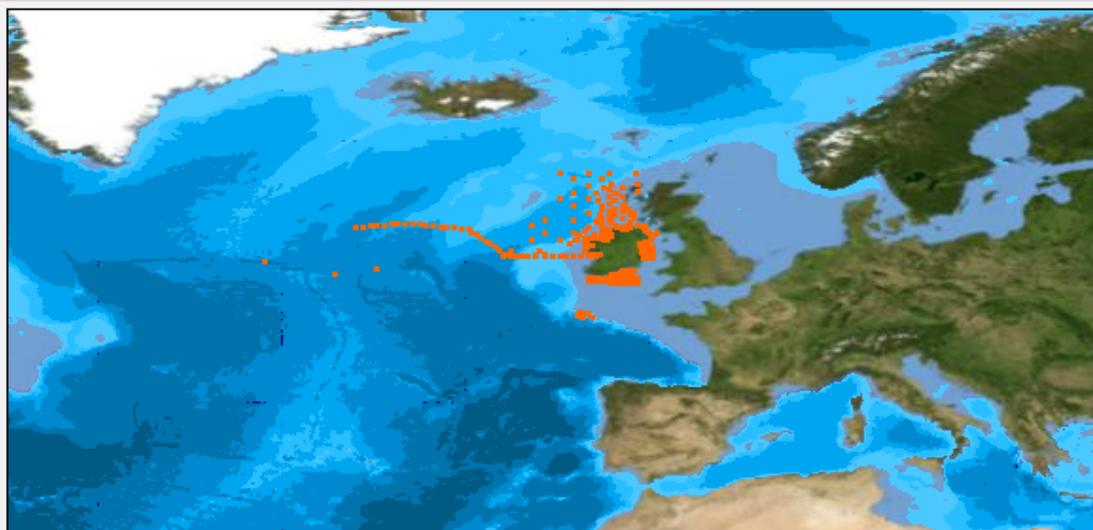


Enlarge Help

Position Index

Datasets 0

Basket Reset



## Layer control ? Expand Add layer

- CDI entry Points ?
- CDI entry Tracks ?
- CDI entry Areas ?

- Grid Lines ? ↑ ↓
- Regional sea ? ↑ ↓
- Regional sea labels ? ↑ ↓
- Main sea ? ↑ ↓
- Main sea labels ? ↑ ↓

- Display all selected records
- Only selected records in results list

## Listing results

 20  100  1000 records 

Add to basket

Timeseries on

Summary

Zoom to selected

Export result

Store query

[Refine query](#) | [New query](#) | Found 291 | [Current](#) | [Previous](#) | [Next](#)

#	Data set name ⇅	Country ⇅	Start date ⇅	Disciplines - Parameter groups	Instrument / gear type ⇅	Show
<input type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input type="checkbox"/>	Marine Institute CTD	Ireland	20141022	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	

## Tools ?

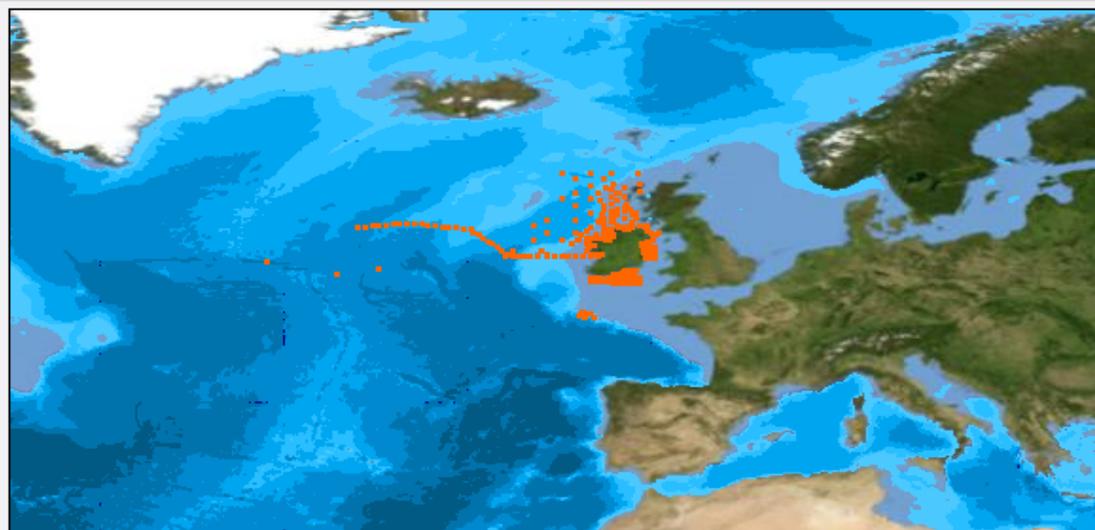


Enlarge Help

Position Index

Datasets 0

Basket Reset



## Layer control ? Expand Add layer

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## Listing results

 20  100  1000 records 

Add to basket

Timeseries on

Summary

Zoom to selected

Export result

Store query

[Refine query](#) | [New query](#) | Found 291 | [Current](#) | [Previous](#) | [Next](#)

<input type="checkbox"/> #	Data set name ⇅	Country ⇅	Start date ⇅	Disciplines - Parameter groups	Instrument / gear type ⇅	Show
<input type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input type="checkbox"/>	Marine Institute CTD	Ireland	20141022	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	

## Tools ?



Enlarge

Help

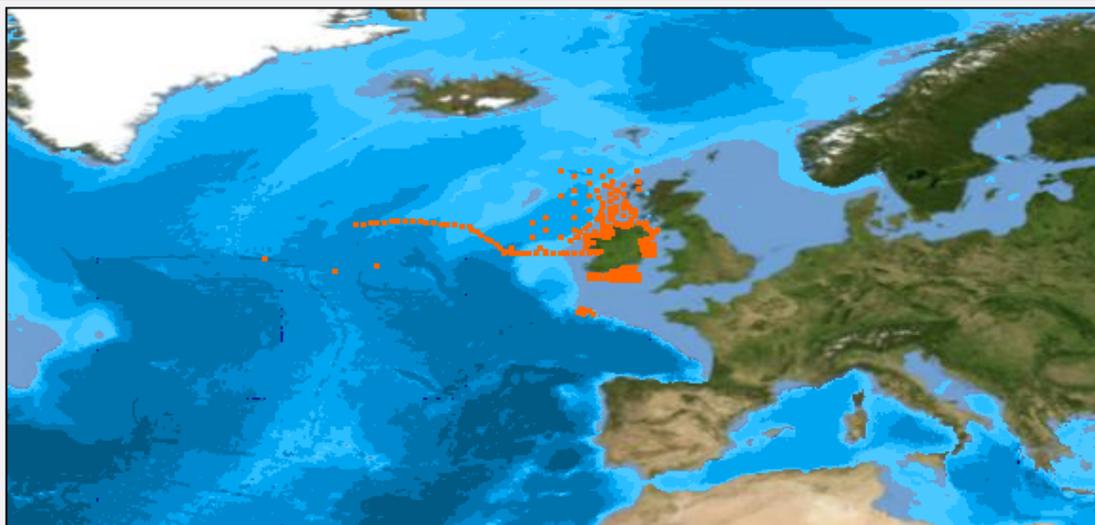
Position

Index

Datasets 0

Basket

Reset



## Layer control ? Expand Add layer

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- Main sea labels ?

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- Only selected records in results list

## Listing results

- 20
- 100
- 1000 records
- 

Add to basket

Timeseries on

Summary

Zoom to selected

Export result

Store query

[Refine query](#) | [New query](#) | Found 291 | [Current](#) | [Previous](#) | [Next](#)

<input checked="" type="checkbox"/> #	Data set name ⇅	Country ⇅	Start date ⇅	Disciplines - Parameter groups	Instrument / gear type ⇅	Show
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141022	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	

## Tools ?



Enlarge

Help

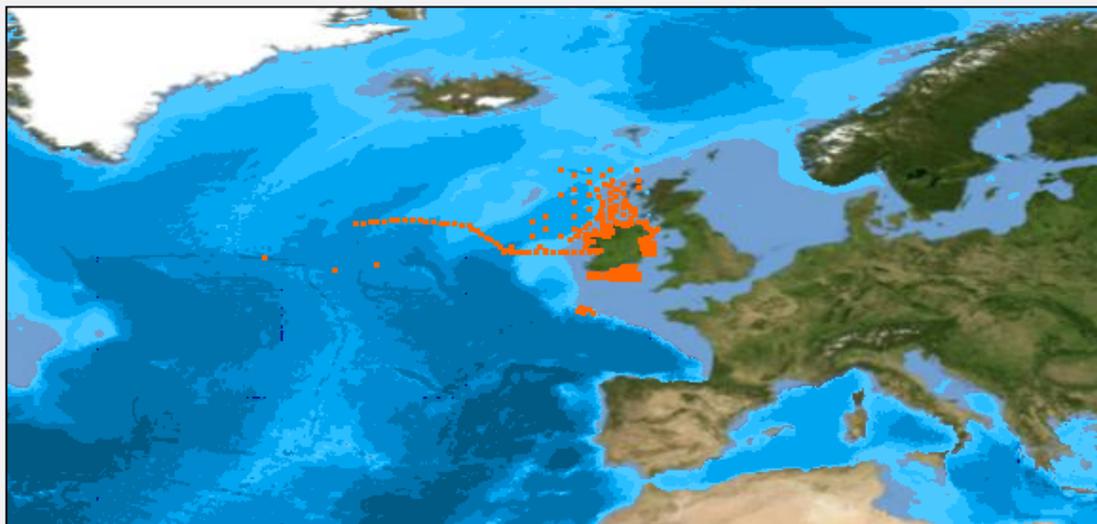
Position

Index

Datasets 0

Basket

Reset



## Layer control ? Expand Add layer

- CDI entry Points ?
- CDI entry Tracks ?
- CDI entry Areas ?

- Grid Lines ? ↑ ↓
- Regional sea ? ↑ ↓
- Regional sea labels ? ↑ ↓
- Main sea ? ↑ ↓
- Main sea labels ? ↑ ↓

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- Only selected records in results list

## Listing results

- 20
- 100
- 1000 records
- 

Add to basket

Timeseries on

Summary

Zoom to selected

Export result

Store query

[Refine query](#) | [New query](#) | Found 291 | [Current](#) | [Previous](#) | [Next](#)

<input checked="" type="checkbox"/> #	Data set name ⇅	Country ⇅	Start date ⇅	Disciplines - Parameter groups	Instrument / gear type ⇅	Show
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141022	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	

## Tools ?



Enlarge Help

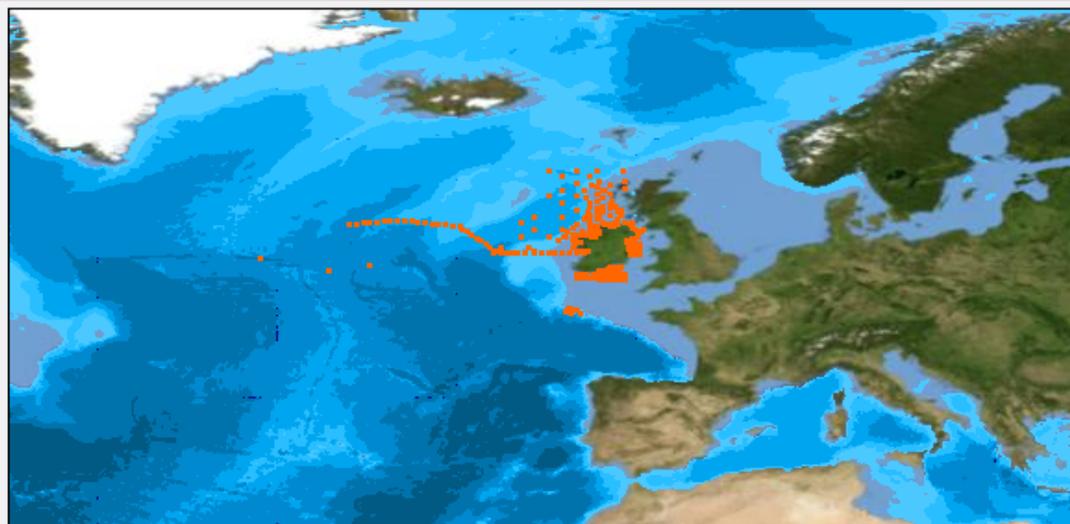
Position Index

 Datasets 291

Basket Reset



Add to basket



## Layer control ? Expand Add layer

- CDI entry Points ?
- CDI entry Tracks ?
- CDI entry Areas ?

- Grid Lines ? ↑ ↓
- Regional sea ? ↑ ↓
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- Main sea ? ↑ ↓
- Main sea labels ? ↑ ↓

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- Only selected records in results list

## Listing results

 20  100  1000 records 

Add to basket

Timeseries on

Summary

Zoom to selected

Export result

Store query

[Refine query](#) | [New query](#) | Found 291 | [Current](#) | [Previous](#) | [Next](#)

<input checked="" type="checkbox"/> #	Data set name ⇅	Country ⇅	Start date ⇅	Disciplines - Parameter groups	Instrument / gear type ⇅	Show
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141022	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	

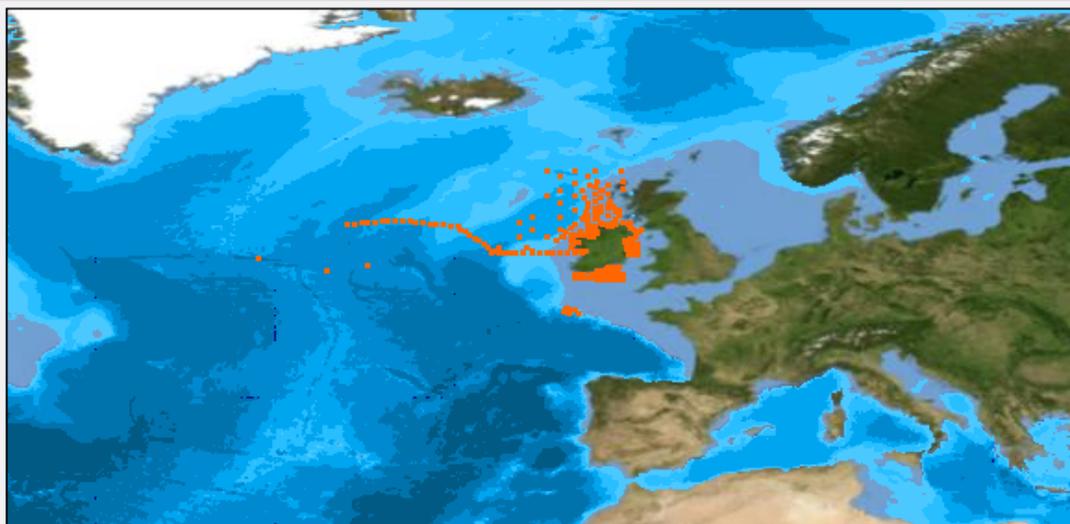
## Tools ?



Enlarge Help  
Position Index

Datasets 291

**Basket** Reset



## Layer control ? Expand Add layer

- CDI entry Points ?
- CDI entry Tracks ?
- CDI entry Areas ?

- Grid Lines ? ↑ ↓
- Regional sea ? ↑ ↓
- Regional sea labels ? ↑ ↓
- Main sea ? ↑ ↓
- Main sea labels ? ↑ ↓

- Display all selected records
- Only selected records in results list

## Listing results

20  100  1000 records

Add to basket 🛒

Timeseries on

Summary

Zoom to selected

Export result

Store query

| [Refine query](#) | [New query](#) | Found 291 | [Current](#) | [Previous](#) | [Next](#)

<input checked="" type="checkbox"/> #	Data set name ⇅	Country ⇅	Start date ⇅	Disciplines - Parameter groups	Instrument / gear type ⇅	Show
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141023	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Marine Institute CTD	Ireland	20141022	Administration and dimensions > Administration and dimensions Physical oceanography > Other physical oceanographic measurements > Water column temperature and salinity	CTD	<input type="checkbox"/>



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT



Séminaire Marseille, 24-25 Sept 2015

SHOPPING BASKET



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT

REQUESTING DATASETS

During this session you have selected a number of data sets. You can search and shop for more, up to 10.000 data sets, or continue the shopping dialogue by submitting your request list and having it processed. When submitting you will have to logon with your user registration details or register yourself first. Thereafter you can submit your request for further processing. You will then be notified by e-mail when and where you can follow the processing of your request list. This will be arranged by the Request Status Manager (RSM) service which also requires logon with your user registration details.

IMPORTANT NOTICE

Downloading of data sets is only possible for registered users.

Access to data sets might be restricted. In that case your request will be handled by the contact person of the Data Centre managing the specific data sets.

You will be able to follow the progress of all your requests via your personal account in the Request Status Manager (RSM), using your user registration details.

Search for more

Cancel

Submit request list

If you would like to continue searching (to add more to your request list) click **Search for more**.

If you would like to cancel your requests (to empty your request list) click **Cancel**.

If you are satisfied with your request list then click on **Submit order**.

The number of data requests per shopping session has a maximum of 10000 data sets.

CDI-record id	Dataset Name	Status
1975429	Marine Institute CTD	SeaDataNet licence
1975810	Marine Institute CTD	SeaDataNet licence
1975811	Marine Institute CTD	SeaDataNet licence
1975812	Marine Institute CTD	SeaDataNet licence
1975813	Marine Institute CTD	SeaDataNet licence
1975814	Marine Institute CTD	SeaDataNet licence



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FOR OCEAN & MARINE DATA  
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SHOPPING BASKET



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT

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CDI-record id	Dataset Name	Status
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1975810	Marine Institute CTD	SeaDataNet licence
1975811	Marine Institute CTD	SeaDataNet licence
1975812	Marine Institute CTD	SeaDataNet licence
1975813	Marine Institute CTD	SeaDataNet licence
1975814	Marine Institute CTD	SeaDataNet licence



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**Ifremer**

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**SeaDataNet**

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT

Operated in cooperation with



Entrez votre identifiant et  
votre mot de passe.

Pour des raisons de sécurité, veuillez vous déconnecter  
et fermer votre navigateur lorsque vous avez fini  
d'accéder aux services authentifiés.

Identifiant:

Mot de passe:

Prévenez-moi avant d'accéder à d'autres services.

SE CONNECTER

EFFACER

[I want to register](#) - [I forgot my password](#) - [I want to check/change my personal information](#)



## SHOPPING BASKET



## CONFIRMATION OF YOUR REQUEST LIST

Organisation	IFREMER
Contact name	Dr Michele FICHAUT
Contact email	Michele.Fichaut@ifremer.fr
Address	Technopole Brest Iroise, BP70
Zipcode / City	29280 / Plouzané
Country	France
Telephone	+33(0)2 98 22 46 43
Role IDs	SDNR01;SDNR03;SDNR07
Role names	Administrator;Academic;partner

Please motivate why you want to have access to these data sets and for what purpose.

Text 474

Exemple for fix03 Workshop

Submit request list

Reset

Cancel request

Switch all formats to: Ocean Data View ASCII input (ODV)

Switch



SeaDataNet

PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT



Séminaire Marseille, 24-25 Sept 2015

SHOPPING BASKET

## CONFIRMATION OF YOUR REQUEST LIST

Organisation	IFREMER
Contact name	Dr Michele FICHAUT
Contact email	Michele.Fichaut@ifremer.fr
Address	Technopole Brest Iroise, BP70
Zipcode / City	29280 / Plouzané
Country	France
Telephone	+33(0)2 98 22 46 43
Role IDs	SDNR01;SDNR03;SDNR07
Role names	Administrator;Academic;partner

Your order with **order number 11179** has been submitted.

The processing of your request list will be arranged by the Request Status Manager (RSM) service which will require logon with your user registration details. Each CDI record indicates the condition of access of the associated dataset as set by the data set provider. Combined with your registered role as user this will determine whether you will get direct access,

whether access will be denied to you, or whether you will have to await further consideration of your request by the data set provider. This can be observed in the RSM.

*Note that your request might concern several data set providers.*

[Check progress and download approved data sets from your personal order register \(RSM\).](#)

You can log on using your user id and password.

[If you have any suggestions or comments. Please, send us your feedback.](#)

[Feedback](#)



SeaDataNet

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MANAGEMENT



Séminaire Marseille, 24-25 Sept 2015

# RSM

## Request Status Manager



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[Continue >](#)

Registered Users can check the progress of the processing of their dataset requests and download datasets to which they have been authorised.  
SeaDataNet Data Centres can check the overall user statistics, such as number of dataset requests, downloads and more...



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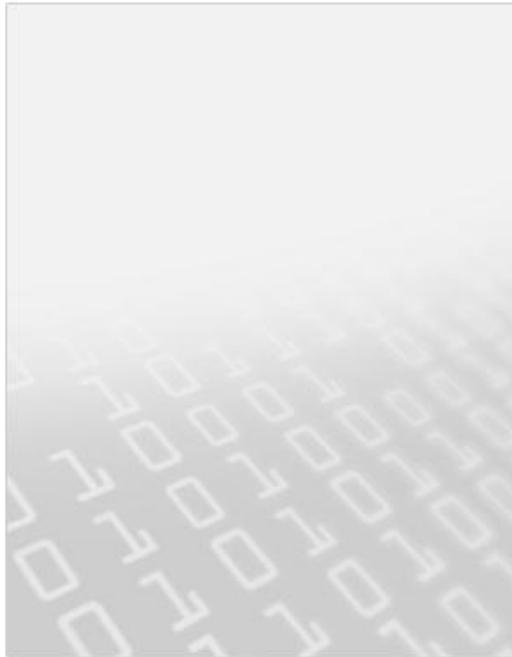
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### Request Status Manager Menu Options

**User**

- Status of download requests
- Status of seismic viewing requests





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Request Status Manager



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Overview of your download requests and processing per Data Centre

Data centre	Country	Approval pending	Ready for user action	User action completed	Access denied	All
<a href="#">Environmental Protection Agency (EPA)</a>	Lithuania			2		2
<a href="#">Management Unit of North Sea and Scheldt Estuary Mathematical Models, Belgian Marine Data Centre</a>	Belgium			513		513
<a href="#">Scientific - Research Firm "GAMMA"</a>	Georgia			12		12
<a href="#">Odessa National I.I.Mechnikov University</a>	Ukraine			25		25
<a href="#">National Institute of Meteorology and Hydrology, Bulgarian Academy of Sciences</a>	Bulgaria			2		2
<a href="#">Institute of Biology of the Southern Seas, IAS of Ukraine</a>	Ukraine			4		4
<a href="#">Sinop University, Fisheries Faculty</a>	Turkey			60		60
<a href="#">Karadeniz Technical University, Faculty of Marine Sciences</a>	Turkey			662	2	664
<a href="#">Department of Navigation and Hydrography and Oceanography, Turkish Navy</a>	Turkey				2	2
<a href="#">International Council for the Exploration of the Sea (ICES)</a>	Denmark			3		3
<a href="#">Marine Hydrophysical Institute</a>	Ukraine			39	200	239
<a href="#">International Ocean Institute - Malta Operational Centre (University Of Malta) / Physical Oceanograp</a>	Malta			40		40
<a href="#">Institute of Oceanography and Fisheries</a>	Croatia			49		49
<a href="#">Latvian Institute of Aquatic Ecology</a>	Latvia			22		22
<a href="#">National Institute for Marine Research and Development "Grigore Antipa"</a>	Romania			16		16
<a href="#">Iv.Javakishvili Tbilisi State University, Centre of Relations with UNESCO Oceanological Research Ce</a>	Georgia			2577		2577
<a href="#">All-Russia Research Institute of Hydrometeorological Information - World Data Centre (RIHM-WDC) Nat</a>	Russian Federation			187	21	208
<a href="#">Royal Netherlands Meteorological Institute</a>	Netherlands			2		2
<a href="#">NIOZ Royal Netherlands Institute for Sea Research</a>	Netherlands			703		703
<a href="#">IHPT, Hydrographic Institute</a>	Portugal			208		208
<a href="#">Swedish Meteorological and Hydrological Institute</a>	Sweden			3		3
<a href="#">SHOM (SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE)</a>	France			26		26
<a href="#">IFREMER LDM LISMER - Scientific Information Systems for the SEA</a>	France		22	13279	36	13337
<a href="#">Marine Institute</a>	Ireland	291		52	3	346



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Overview of your download requests and processing per Data Centre

Data centre ⇅	Country ⇅	Approval pending ⇅	Ready for user action ⇅	User action completed ⇅	Access denied ⇅	All ⇅
<u>Environmental Protection Agency (EPA)</u>	Lithuania			2		2
<u>Management Unit of North Sea and Scheldt Estuary Mathematical Models, Belgian Marine Data Centre</u>	Belgium			513		513
<u>Scientific - Research Firm "GAMMA"</u>	Georgia			12		12
<u>Odessa National I.I.Mechnikov University</u>	Ukraine			25		25
<u>National Institute of Meteorology and Hydrology, Bulgarian Academy of Sciences</u>	Bulgaria			2		2
<u>Institute of Biology of the Southern Seas, NAS of Ukraine</u>	Ukraine			4		4
<u>Sinop University, Fisheries Faculty</u>	Turkey			60		60
<u>Karadeniz Technical University, Faculty of Marine Sciences</u>	Turkey			662	2	664
<u>Department of Navigation and Hydrography and Oceanography, Turkish Navy</u>	Turkey				2	2
<u>International Council for the Exploration of the Sea (ICES)</u>	Denmark			3		3
<u>Marine Hydrophysical Institute</u>	Ukraine			39	200	239
<u>International Ocean Institute - Malta Operational Centre (University Of Malta) / Physical Oceanograp</u>	Malta			40		40
<u>Institute of Oceanography and Fisheries</u>	Croatia			49		49
<u>Latvian Institute of Aquatic Ecology</u>	Latvia			22		22
<u>National Institute for Marine Research and Development "Griqore Antipa"</u>	Romania			16		16
<u>Iv.Javakishvili Tbilisi State University, Centre of Relations with UNESCO Oceanological Research Ce</u>	Georgia			2577		2577
<u>All-Russia Research Institute of Hydrometeorological Information - World Data Centre (RIHMI-WDC) Nat</u>	Russian Federation			187	21	208
<u>Royal Netherlands Meteorological Institute</u>	Netherlands			2		2
<u>NIOZ Royal Netherlands Institute for Sea Research</u>	Netherlands			703		703
<u>IHPT, Hydrographic Institute</u>	Portugal			208		208
<u>Swedish Meteorological and Hydrological Institute</u>	Sweden			3		3
<u>SHOM (SERVICE HYDROGRAPHIQUE ET OCEANOGRAPHIQUE DE LA MARINE)</u>	France			26		26
				13279	36	13337
<u>Marine Institute</u>	Ireland		291	52	3	346



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Overview of your download requests and processing per Data Centre

Ready for downloading at selected data centre

Download selected datasets in zip file



25

50

100

1000 RECORDS

Go

FOUND 291 | SHOW (1-25) | PREVIOUS | NEXT 25 |

Back

Marine Institute

Status: Ready for user action

Dataset CDI-ID	Dataset name	Request-ID	Request-key	Request date	Last update	Format
2131371	<a href="#">Marine Institute CTD</a>	6446230	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131370	<a href="#">Marine Institute CTD</a>	6446229	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131369	<a href="#">Marine Institute CTD</a>	6446228	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131368	<a href="#">Marine Institute CTD</a>	6446227	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131367	<a href="#">Marine Institute CTD</a>	6446226	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131366	<a href="#">Marine Institute CTD</a>	6446225	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131365	<a href="#">Marine Institute CTD</a>	6446224	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131364	<a href="#">Marine Institute CTD</a>	6446223	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131363	<a href="#">Marine Institute CTD</a>	6446222	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131362	<a href="#">Marine Institute CTD</a>	6446221	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131361	<a href="#">Marine Institute CTD</a>	6446220	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131360	<a href="#">Marine Institute CTD</a>	6446219	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131359	<a href="#">Marine Institute CTD</a>	6446218	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131358	<a href="#">Marine Institute CTD</a>	6446217	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131357	<a href="#">Marine Institute CTD</a>	6446216	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131356	<a href="#">Marine Institute CTD</a>	6446215	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131355	<a href="#">Marine Institute CTD</a>	6446214	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131354	<a href="#">Marine Institute CTD</a>	6446213	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131353	<a href="#">Marine Institute CTD</a>	6446212	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131352	<a href="#">Marine Institute CTD</a>	6446211	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131351	<a href="#">Marine Institute CTD</a>	6446210	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131350	<a href="#">Marine Institute CTD</a>	6446209	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV
2131349	<a href="#">Marine Institute CTD</a>	6446208	<a href="#">11179</a>	2015-04-14	2015-04-14	ODV



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SeaDataNet Download Manager at Data Centre - Mozilla Firefox

cdi.marine.ie/dm/userPage?user\_id=mf01961&ticket=ST-10271-TZdEGf4OgINBbh3aMZd6-auth.ifremer.fr



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User: mf01961

## Downloads

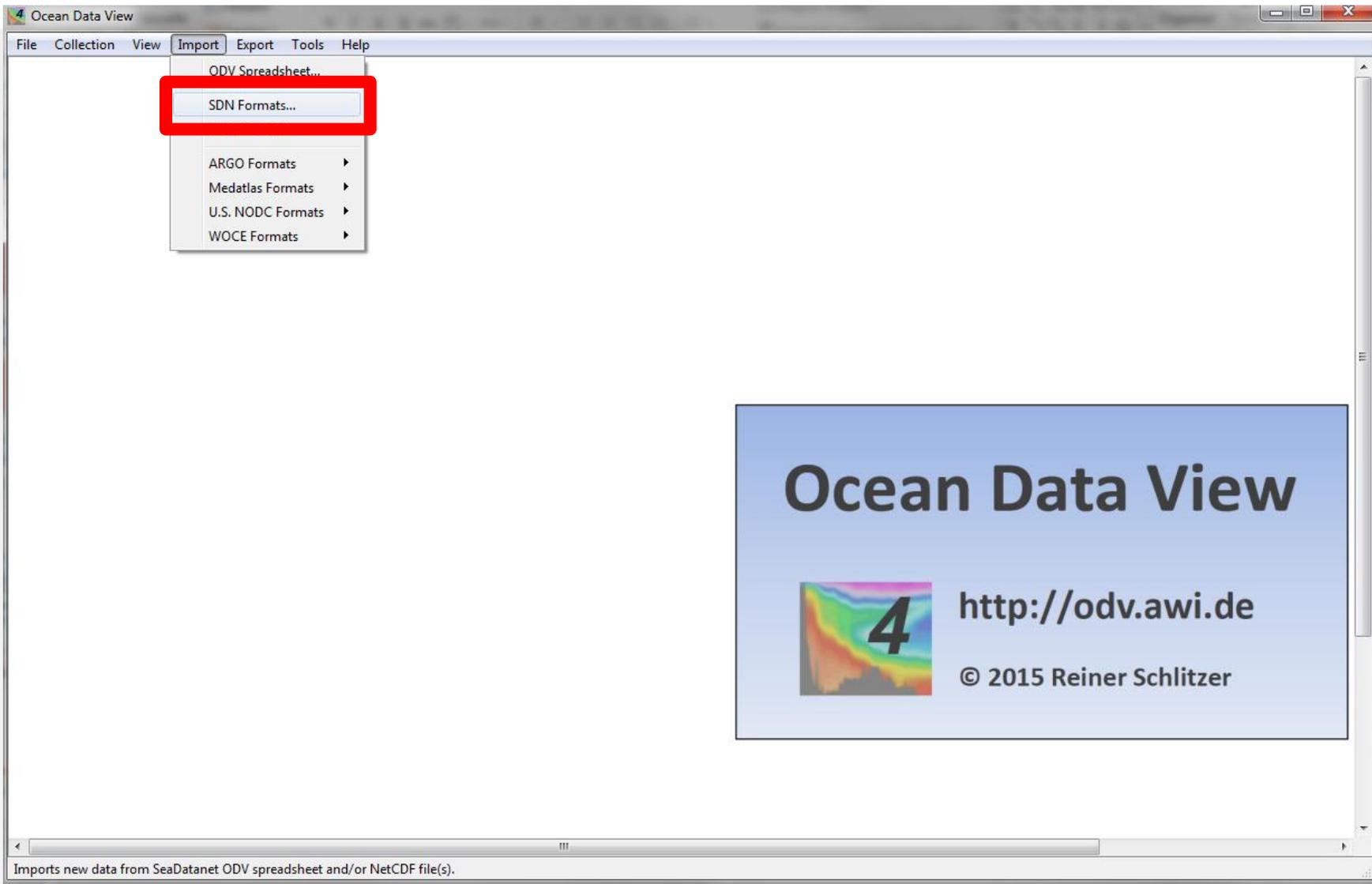
Zipfile name	Download	Remove from this list, once download complete
usermf01961-data_centre396-2015-04-14_result.zip	<a href="#">Download</a> 	Today ZIP file can not be removed to avoid technical issues.

## Visualizations

Approved requests for data sets are combined in zip files, that you can download. These are prepared by the local data centre, that is responsible for managing and distributing the selected data sets. The zip file builds up during the day and each new approved request is added.

Please remove the file from this list, once your download has been successful.  
**Note:** automatically each zip file will be removed from your download list after 30 days!

[Close window](#) 



Ocean Data View

File Collection View Import Export Tools Help

ODV Spreadsheet...

**SDN Formats...**

ARGO Formats ▶

Medatlas Formats ▶

U.S. NODC Formats ▶

WOCE Formats ▶

Imports new data from SeaDataNet ODV spreadsheet and/or NetCDF file(s).

# Ocean Data View



<http://odv.awi.de>

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Ocean Data View

File Collection View Import Export Tools Help

Select SDN File(s)...

Ordinateur > TB1332700A (C:) > tmp

Rechercher dans : tmp

Organiser Nouveau dossier

Favoris

- Bureau
- Emplacements récents
- Téléchargements
- Coordination
- TTG7\_Trieste\_03\_2015
- SC8 Athens April 2015
- tmp
- 20141028\_iberian\_macaronesia
- test logiciels
- test\_logiciels
- Depot\_de\_donnees
- ownCloud
- SC8 Athens April 2015 (2)
- FixO3-2015-04

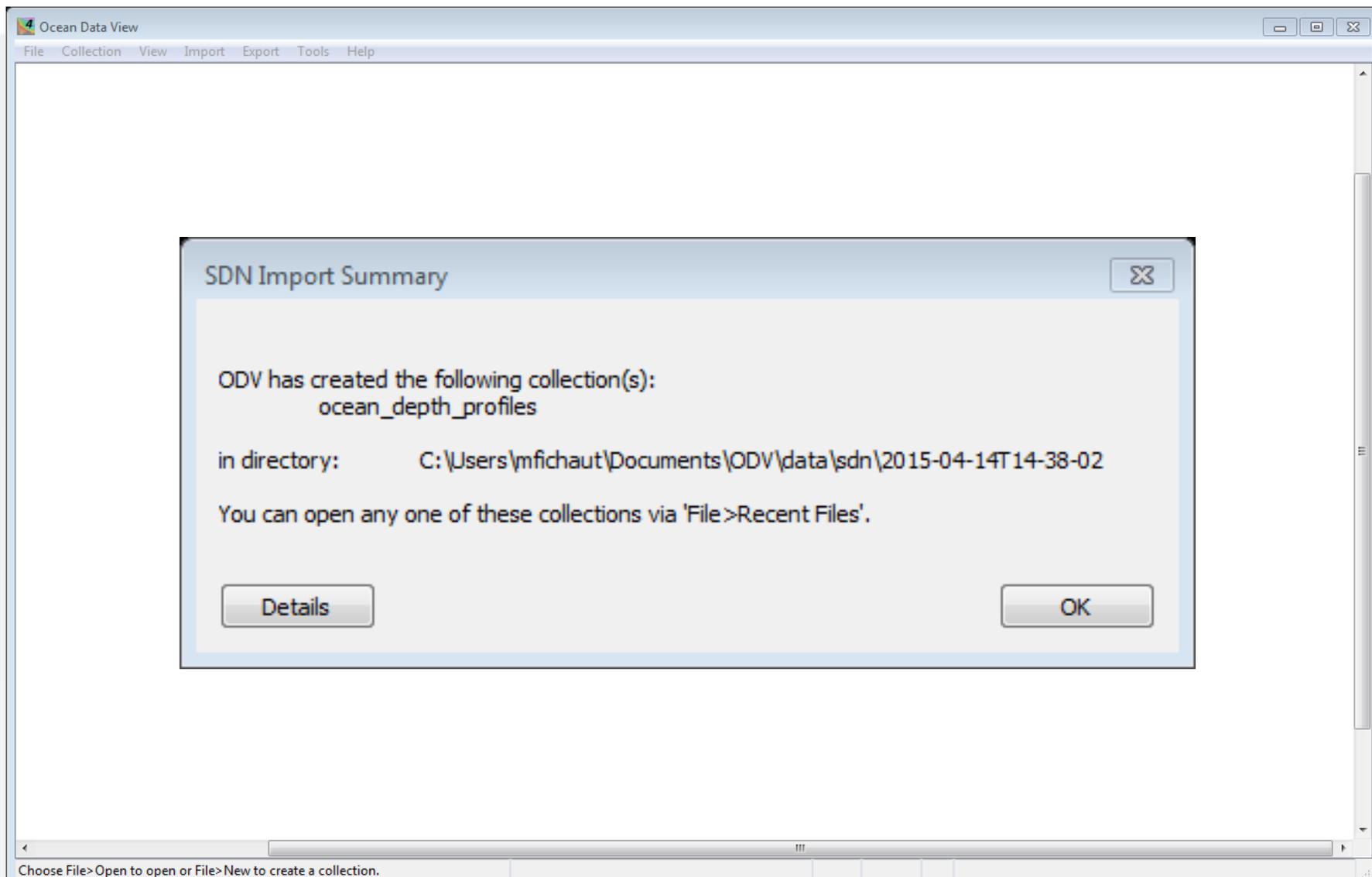
FreeCommanderXE_setup.zip	SDN2_D95_CDI_machine_interfaces.zip	usermf01961-data_centre540
install_Med2MedSDN_1.2.3_windows64bits.zip	SplitterTest_1.3.2_windows64bits.zip	usermf01961-data_centre540
install_MedSDN2CFPOINT_1.0.5_windows64bits.zip	test logiciels	vocab_l22.csv
install_nemo_1.5.4_windows64.zip	toto.txt	vocab_p02.csv
install_nemo_1.6.0_windows64.zip	turbin_gros_adcp.txt	windiff.zip
install_OdvSDN2CFpoint_1.0.4_windows64bits.zip	turbin_gros_adcp.zip	
model_NOx_PHOS_SLCA_AMON.txt	turbin_petit_adcp.txt	
NetCDFViewer.zip	usermf01961-data_centre43-2015-04-08_result.zip	
ODV_4.6.3.3_bin_w64.zip	usermf01961-data_centre396-2015-04-14_result.zip	
PHOS_FB35195695142_20150203.txt	usermf01961-data_centre486-2014-09-23_result.zip	
photosRestaurant.zip	usermf01961-data_centre486-2015-03-24_result.zip	
photosRestaurant[1].zip	usermf01961-data_centre486-2015-04-09_result.zip	
PRESPO1.zip	usermf01961-data_centre486-2015-04-09_result_netcdf.zip	
PRESPO2.zip	usermf01961-data_centre486-2015-04-09_result_ODV.zip	
readme.adcp.txt	usermf01961-data_centre486-2015-04-13_result.zip	

Nom du fichier : usermf01961-data\_centre396-2015-04-14\_result.zip

SDN Files (\*.zip \*.txt \*.csv \*.nc)

Ouvrir Annuler

Choose File> Open to open or File> New to create a collection.



Ocean Data View

File Collection View Import Export Tools Help

**SDN Import Summary**

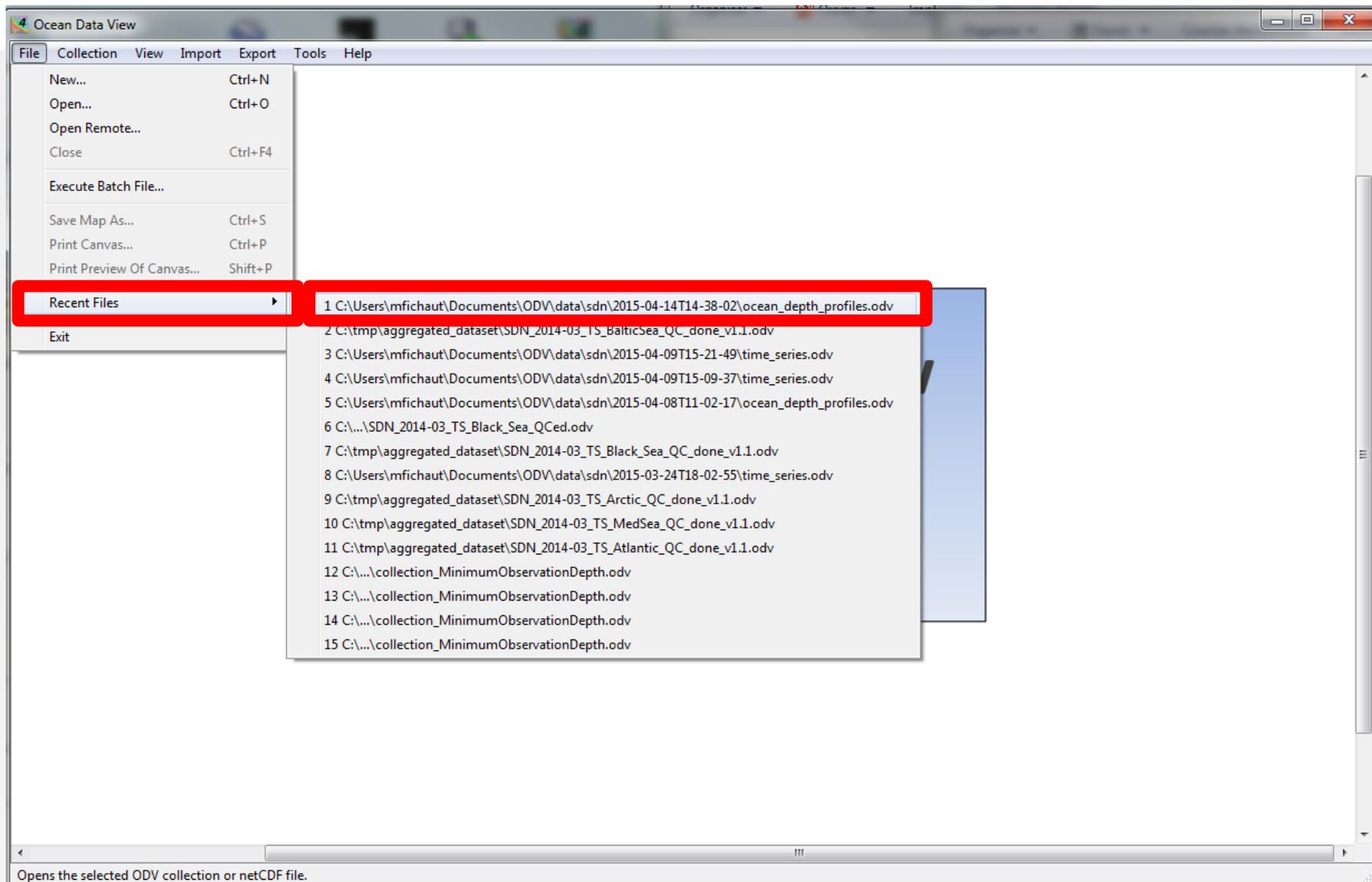
ODV has created the following collection(s):  
ocean\_depth\_profiles

in directory: C:\Users\mfichaut\Documents\ODV\data\sdn\2015-04-14T14-38-02

You can open any one of these collections via 'File>Recent Files'.

Details OK

Choose File> Open to open or File> New to create a collection.



4 Ocean Data View

File Collection View Import Export Tools Help

New... Ctrl+N  
Open... Ctrl+O  
Open Remote...  
Close Ctrl+F4  
Execute Batch File...  
Save Map As... Ctrl+S  
Print Canvas... Ctrl+P  
Print Preview Of Canvas... Shift+P

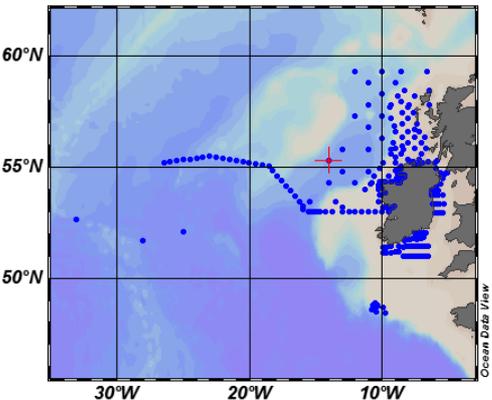
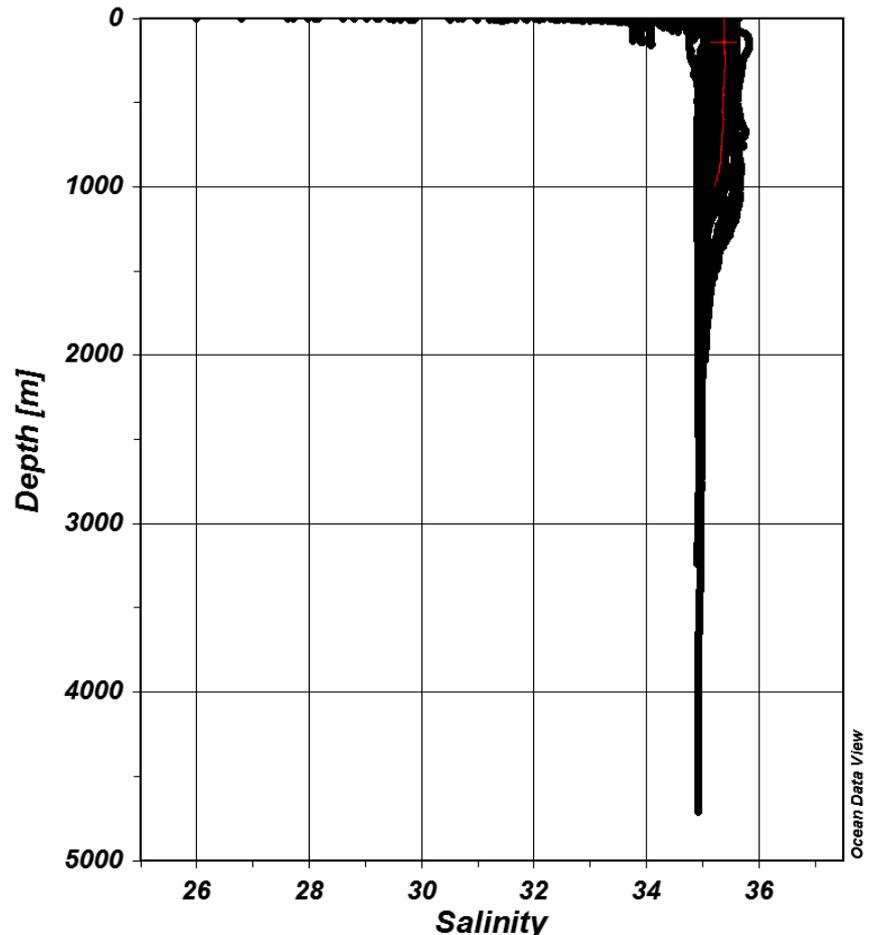
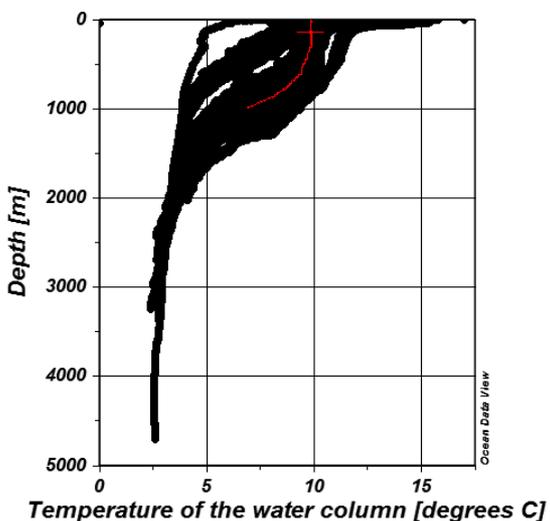
Recent Files

- 1 C:\Users\mfichaut\Documents\ODV\data\sdn\2015-04-14T14-38-02\ocean\_depth\_profiles.odv
- 2 C:\tmp\aggregated\_dataset\SDN\_2014-03\_TS\_BalticSea\_QC\_done\_v1.1.odv
- 3 C:\Users\mfichaut\Documents\ODV\data\sdn\2015-04-09T15-21-49\time\_series.odv
- 4 C:\Users\mfichaut\Documents\ODV\data\sdn\2015-04-09T15-09-37\time\_series.odv
- 5 C:\Users\mfichaut\Documents\ODV\data\sdn\2015-04-08T11-02-17\ocean\_depth\_profiles.odv
- 6 C:\...\SDN\_2014-03\_TS\_Black\_Sea\_QCed.odv
- 7 C:\tmp\aggregated\_dataset\SDN\_2014-03\_TS\_Black\_Sea\_QC\_done\_v1.1.odv
- 8 C:\Users\mfichaut\Documents\ODV\data\sdn\2015-03-24T18-02-55\time\_series.odv
- 9 C:\tmp\aggregated\_dataset\SDN\_2014-03\_TS\_Arctic\_QC\_done\_v1.1.odv
- 10 C:\tmp\aggregated\_dataset\SDN\_2014-03\_TS\_MedSea\_QC\_done\_v1.1.odv
- 11 C:\tmp\aggregated\_dataset\SDN\_2014-03\_TS\_Atlantic\_QC\_done\_v1.1.odv
- 12 C:\...\collection\_MinimumObservationDepth.odv
- 13 C:\...\collection\_MinimumObservationDepth.odv
- 14 C:\...\collection\_MinimumObservationDepth.odv
- 15 C:\...\collection\_MinimumObservationDepth.odv

Opens the selected ODV collection or netCDF file.

Ocean Data View - C:\Users\mfichaut\Documents\ODV\data\sdn\2015-04-14T14-38-02\ocean\_depth\_profiles

File Collection View Import Export Tools Help



Station ID: 284

Accessi...	284
Cruise	MI CTD Oceanographic Survey
Station	MI CTD Cast (C)
Position	14.001°W / 55.299°N
Date	29 March 2014
Time	20:22:12.000
Depth R...	[3.00 - 1002.00]
Bot. De...	1002
LOCAL_...	8317
EDMO_...	396
Instrum...	
Reference	
Data set...	Marine Institute CTD
Discipline	Administration and dimensio...
Category	Administration and dimensio...
Variable...	Date and time;Density of the ...
Data for...	ODV
Data for...	0.4
Data size	1
Data set...	20140329
Latitude 1	55.30
Latitude 2	55.30
Longitu...	-14.00
Longitu...	-14.00
Datum	World Geodetic System 84 / U...
Measuri...	point
Water d...	1002.00
Depth...	Malin Ordnance Datum

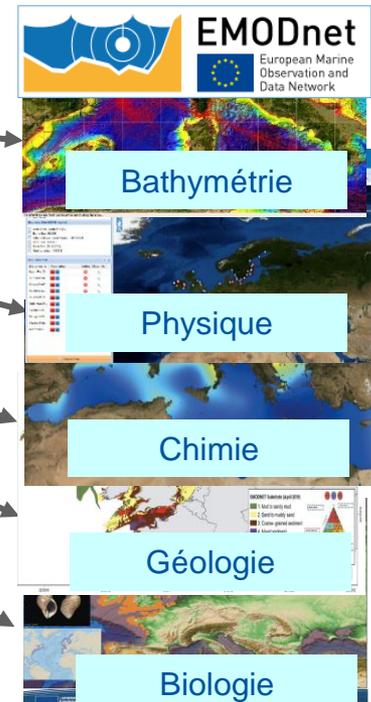
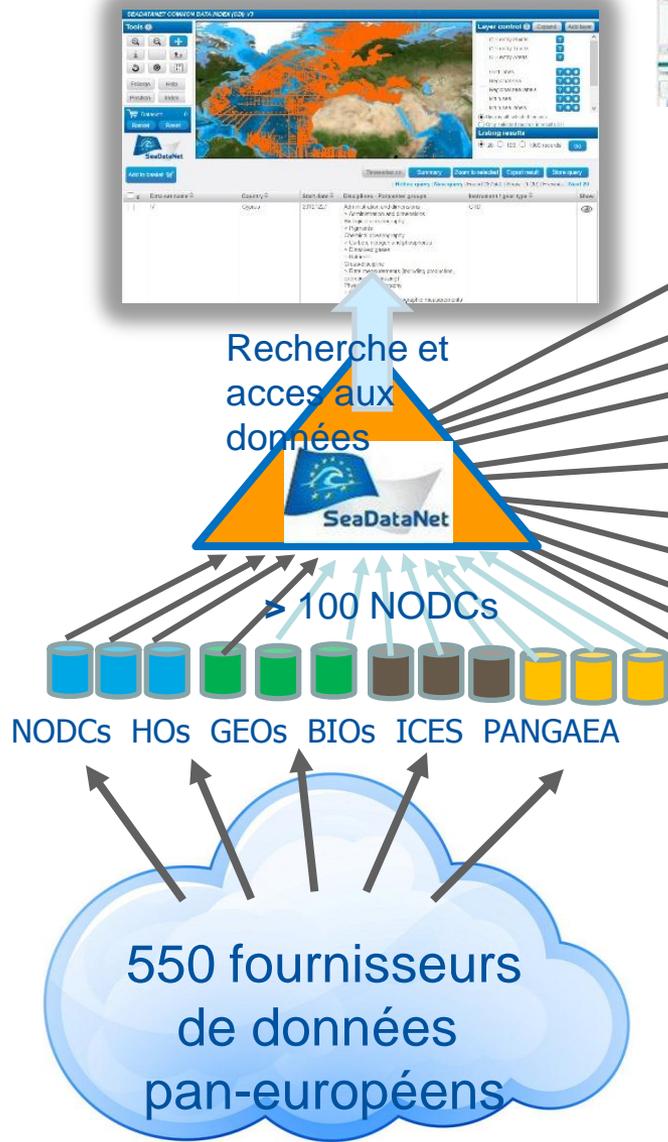
Sample: 143 / 1000

1: Date and time		9
2: Depth [m]	145.00	1
3: Temperature of t...	9.88	1
4: Salinity	35.39	1

Isosurface Values

Longitude	345.999
Latitude	55.299
Time [yr]	2014.241
Day of Year	88
Date and time @ Depth [m]=first	
Temperature of the water colu...	9.87
Salinity @ Depth [m]=first	35.39

# SeaDataNet infrastructure de nombreux portails, coopération avec d'autres



Collections agrégées

Collections régionales

Collections thématiques



## Des adresses

- Pour utiliser le système
  - [www.seadatanet.org](http://www.seadatanet.org) → Data access
- Pour mettre vos données dans l'infrastructure
  - [sismer@ifremer.fr](mailto:sismer@ifremer.fr)
- Pour toutes questions
  - [sdn-userdesk@seadatanet.org](mailto:sdn-userdesk@seadatanet.org)

## ***La suite de SeaDataNet***

- Le projet SeaDataNet 2 s'arrête le 30/09/2015
- L'infrastructure continue de fonctionner et d'être alimentée par les centres de données
- Prochain call H2020 attendu en octobre 2015
  - Proposition pour la suite de SeaDataNet : faire évoluer l'infrastructure vers les nouvelles technologies et répondre encore plus au besoin des utilisateurs et des fournisseurs de données



**SeaDataNet**

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Séminaire Marseille, 24-25 Sept 2015

***Merci pour votre attention***

