

Joint Cetacean Data Programme

ASCOBANS Advisory Council September 2022



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Joint Nature Conservation committee (JNCC)

Context



- The Joint Cetacean Data Programme (JCDP) development has been funded by the UK to date. However the aim is to get the wider cetacean community to now take ownership
- The project builds on previous efforts to collate and analyse cetacean data to bridge the spatial and temporal gaps in individual survey events
- There is a huge amount of data collected via various different means...access is a challenge
- JCDP aims to address the current issues by mobilising available data

Vision and Aims



JCDP Vision

Promote and facilitate cetacean data **standardisation** and maximise value through **collation** and enabling of universal **access**

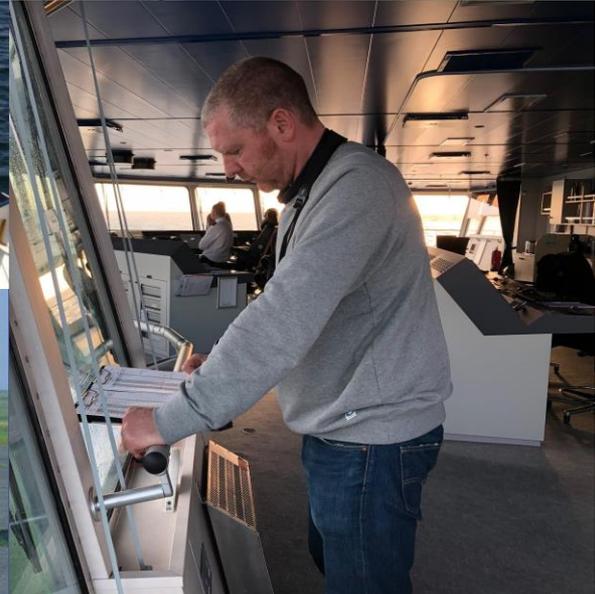
Aims

- International platform to host cetacean survey datasets
- Data standard
- Facilitate access
- Provision of open access data products

The Data



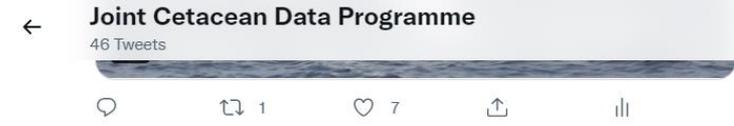
Currently: effort-related, ship or aerial observer/digital data



JCDP Launch!



June 2022, we launched a fully functioning (phase one) JCDP!



Joint Cetacean Data Programme @CetaceanData · Jun 8
What better way to celebrate #WorldOceanDay than make marine data available to all!
Data in the #JCDP are now DOWNLOADABLE!! And we will continue to engage with data providers to grow this resource and collate the vast effort into a single accessible location @JNCC @ICES @Defra



4 17

Joint Cetacean Data Programme @CetaceanData · Jun 9
Explore the cetacean survey data in the #JCDPDataPortal through our new data inventory and map view features. Search, filter and download high-quality, standardised data from one place for the first time!
cetaceans.ices.dk
We're excited, are you?!

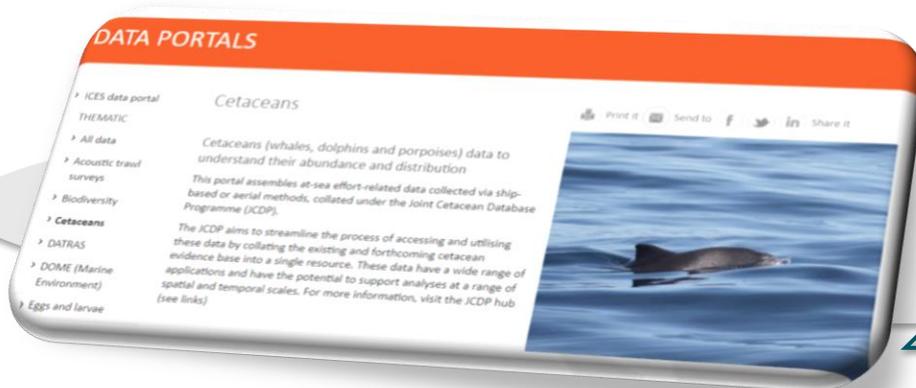
The screenshot shows the 'CETACEANS - EFFORT AND SIGHTINGS' map interface. On the left is a map of the North Atlantic and surrounding regions, with orange lines indicating survey tracks. On the right is a 'Filter criteria' sidebar with various dropdown menus and checkboxes for filtering data by year, species, platform class, target taxa, data access, region, and OSPAR area.

4 13

Joint Cetacean Data Programme @CetaceanData · Jun 8
Many cetaceans are ocean wanderers, rarely seen in the vast open waters. By making data about these elusive animals available for wider use, we are



JCDP Platform

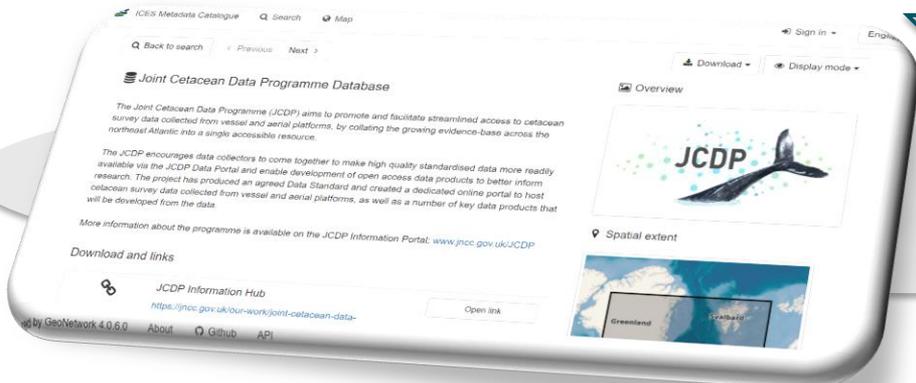


JCDP Data portal
www.cetaceans.ices.dk

JCDP Hub
www.JNCC.gov.uk/JCDP



Metadata
<https://gis.ices.dk/geonetwork>



JCDP Data Portal



> ICES data portal

Biodiversity

> **Cetaceans**

> Nesting Seabirds;
Seal Sightings

> Vulnerable Marine
Ecosystems

Fisheries Independent

> Acoustic trawl
surveys

> DATRAS

> Eggs and larvae

> Fish stomach

> SmartDots

Marine Environment

> DOME (Marine
Environment)

> Historical plankton

> Oceanography

> Underwater Noise

Login Required

> InterCatch

> Regional DataBase
FishFrame

Cetaceans

Cetaceans (whales, dolphins and porpoises) data to understand their abundance and distribution

This portal assembles at-sea effort-related data collected via ship-based or aerial methods, collated under the Joint Cetacean Database Programme (JCDP).

The JCDP aims to streamline the process of accessing and utilising these data by collating the existing and forthcoming cetacean evidence base into a single resource. These data have a wide range of applications and have the potential to support analyses at a range of spatial and temporal scales. For more information, visit the JCDP hub (see links)

How to Cite

Joint Cetacean Data Programme (JCDP)
(<https://cetaceans.ices.dk>), 2022. ICES, Copenhagen

View [full dataset](#) meta-record



Joint Cetacean Data Programme

Development of this portal was funded by DEFRA (UK)

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VISUALISE DATA ON MAP

GO TO THE DASHBOARD

SUBMIT DATA

EXPLORE JCDP METADATA

SERVICES

> [Web Services \(API\)](#)

SUMMARY INFORMATION

> [Data Overview Dashboard](#)

> [Detailed Data Inventory](#)

> [File Submissions Log](#)

> [JCDP Metadata Catalogue](#)

DATA ACCESS

> [ICES Data Policy](#)

> [CC BY 4.0 licence \(for open access data\)](#)

> [ICES Biodiversity Licence \(for restricted data\)](#)

GUIDES AND STANDARDS

> [Feedback form](#)

> [Data Submission Template](#)

> [JCDP hub](#)

> [JCDP Data Standard and Resources](#)

JCDP Data Portal



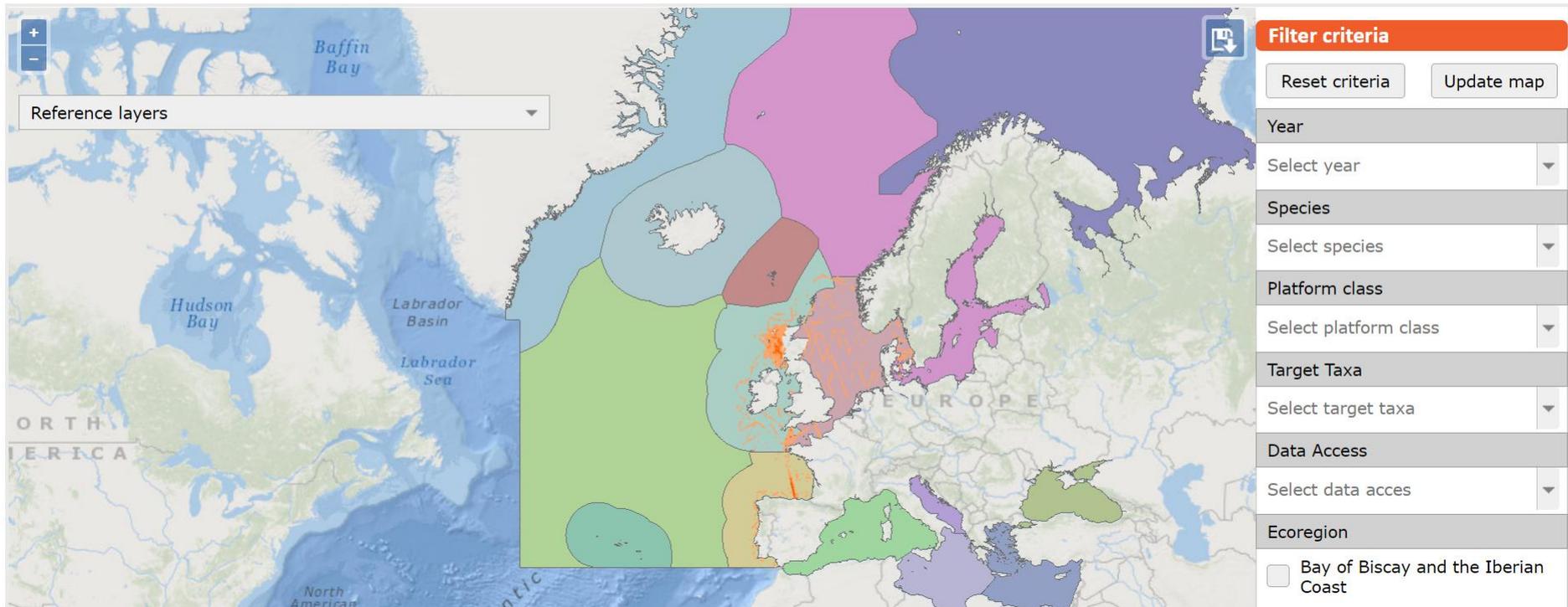
Map view - inventory of the cetaceans database sightings and effort. This tool can be used to filter data to download





Map view - inventory of the cetaceans database sightings and effort. This tool can be used to filter data to download

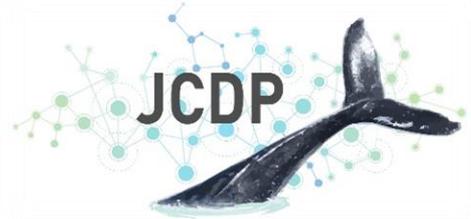
 Print it  Send to    Share it



The map displays the North Atlantic and European regions, color-coded into various ecoregions. A filter panel on the right allows users to refine data based on several criteria:

- Filter criteria** (orange header)
- Reset criteria** and **Update map** buttons
- Year**: Select year (dropdown menu)
- Species**: Select species (dropdown menu)
- Platform class**: Select platform class (dropdown menu)
- Target Taxa**: Select target taxa (dropdown menu)
- Data Access**: Select data acces (dropdown menu)
- Ecoregion**: Bay of Biscay and the Iberian Coast

Map controls include a zoom in (+) and zoom out (-) button in the top left, and a reference layers dropdown menu below it. The map shows labels for Baffin Bay, Hudson Bay, Labrador Basin, Labrador Sea, NORTH AMERICA, and EUROPE.



The JCDP Hub

www.JNCC.gov.uk/JCDP

Joint Cetacean Data Programme

Humpback whale fluke © Nikki Taylor

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The JCDP vision:

Promote and facilitate cetacean data standardisation and maximise value through collation and enabling of universal access



[Joint Cetacean Data Programme](#)

[JCDP Contributors](#)

[JCDP Communications Strategy](#)

[JCDP Evolution](#)





JCDP Data Standard and Resources

[Home](#) / [Our Work](#) / [JCDP Resources](#)

As outlined in the JCDP vision, standardisation of data is a key step in aligning quality and enabling effective collation of cetacean data. The JCDP has developed a series of resources to facilitate and support a high standard of data to ensure the collated dataset is of a quality on which to perform robust analyses.

Contents

1. JCDP Data Platform
 - 1.1. [JCDP Data Products](#)
2. JCDP Data Standard and Resources
 - 2.1. [Data Standard](#)
 - 2.2. [Data access and use guidance](#)
- 2.3. [JCDP Metadata](#)
- 2.4. [JCDP Data Collection Guidance](#)
 - 2.4.1. [Data Collection Protocol](#)
 - 2.4.2. [Distance Sampling tutorial videos](#)
 - 2.4.3. [Data collection example forms](#)
 - 2.4.4. [Follow the JCDP](#)

JCDP DATA PORTAL

[Joint Cetacean Data Programme](#)

[JCDP Contributors](#)

[JCDP Communications Strategy](#)

[JCDP Evolution](#)

See also

[Marine mammals](#)

[JCP report and product](#)

[Atlas of Cetacean distribution in north-west European waters](#)

Standardising Cetacean Data



The JCDP has developed a **universal data standard** in consultation with a wide range of stakeholders

- Three data tables: Identifiers; Effort and Environment; and Sightings
- INSPIRE Metadata records, hosted by GeoNetwork
- Standard hosted on the JCDP Hub and linked through MEDIN and the JCDP Data Portal



Metadata

The JCDP metadata portal is hosted by GeoNetwork and provides access to INSPIRE standard metadata for the JCDP database and available datasets



<https://gis.ices.dk/geonetwork>



ICES Metadata Catalogue

Search

Map

Sign in

English

Back to search

< Previous

Next >

Download

Display mode

Joint Cetacean Data Programme Database

The Joint Cetacean Data Programme (JCDP) aims to promote and facilitate streamlined access to cetacean survey data collected from vessel and aerial platforms, by collating the growing evidence-base across the northeast Atlantic into a single accessible resource.

The JCDP encourages data collectors to come together to make high quality standardised data more readily available via the JCDP Data Portal and enable development of open access data products to better inform research. The project has produced an agreed Data Standard and created a dedicated online portal to host cetacean survey data collected from vessel and aerial platforms, as well as a number of key data products that will be developed from the data.

More information about the programme is available on the JCDP Information Portal: www.jncc.gov.uk/JCDP

Download and links



JCDP Information Hub

<https://jncc.gov.uk/our-work/joint-cetacean-data->

Open link

Overview



Spatial extent



Next steps

An ICES working group has been established to govern and develop the JCDP (WKJCDP)

- First WGJCDP meeting held 15th Sept; ToR agreed
 - Continued engagement with data collectors and data users to support data submission and collaborative work
 - Mobilisation of data for use in strengthening cetacean science and policy
 - Development of data products and JCDP resources
 - Consideration of further development of the portal



How you can help...



- Promote the JCDP in your networks
- Flag any potential data providers
- Encourage use of and promote the data standard
- Consider engaging with the WGJCDP
- Follow and support us on Twitter [@CetaceanData](https://twitter.com/CetaceanData)



Thanks!

Thanks to
everyone who has
been involved to
date



www.jncc.gov.uk/JCDP



marinemammals@jncc.gov.uk



[@CetaceanData](https://twitter.com/CetaceanData)



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