

Classification of metadata providers

The Metadata providers can be classified into three categories based on their relation with Bielefeld Academic Search Engine (BASE) which is our main metadata provider.

1. Metadata providers not included in BASE
2. Metadata providers included in BASE
3. Metadata providers included (partially - as publisher) in BASE. These providers do not give access to all their catalogs

To take the OpenARI to the next level - which is not only hosting metadata, but to be a platform to define research gaps and create new forefront knowledge, we may prepare a web application where scientists can discuss, collaborate and use different databases.

Mapping the needs and solutions toward a better service

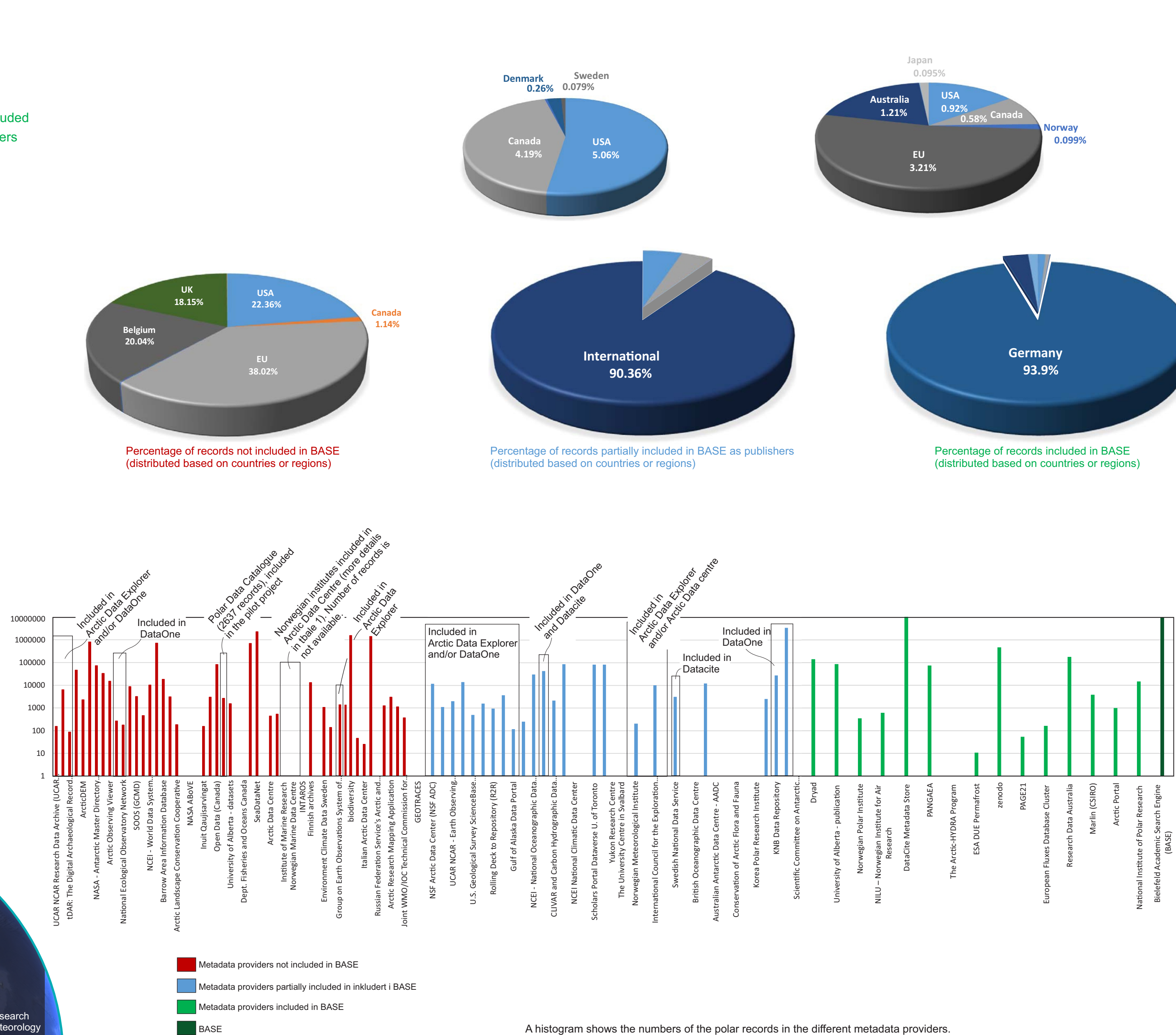
In order to provide the end users with the best service that will help them in their research and study, we have prioritized fifteen requirements that will be included in the OpenARI.

Some of these requirements are:

- Add locations value for each record (e.g. latitudes and longitudes)
- Search using a map
- Show search results on a map
- A proper map projection centered around the North and the South Pole
- Show search results as a timeline
- Use autocomplete search words algorithm.
- Multilingual user interface
- Social media sharing of records
- Increase the number of the records in the database by adding more records from other metadata providers.

Mapping the potential metadata providers

115 metadata providers were mapped according to the previous classification. The following figure shows some of these providers. The statistics show numbers of the polar records in these metadata providers.



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The OpenARI will be an extended version of the High North Research Documents, which is an existing service at UiT.

