

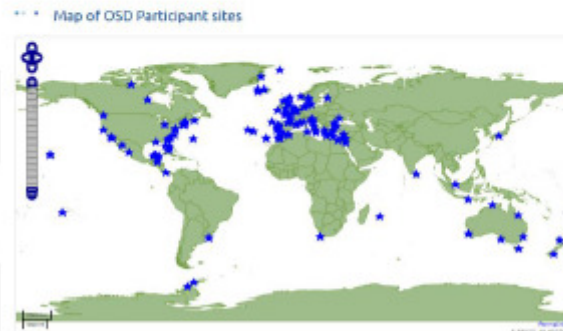
# Ocean Sampling Day a Global Event for Sequencing the Oceans



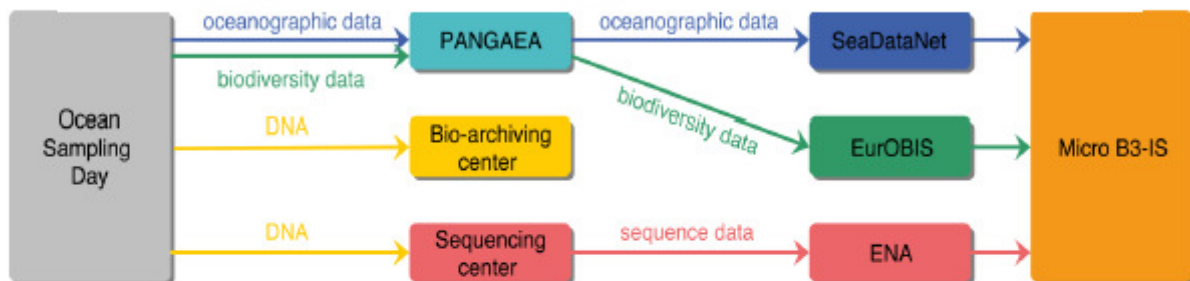
The Micro B3 Consortium initiated the idea of an orchestrated Ocean Sampling Day (OSD) with the ambitious aim to turn this into long-term time series (Genomic Observatories). The main goal of OSD is to analyse marine microbial biodiversity and function of the World's ocean.



*The first Ocean Sampling Day took place on June 21<sup>st</sup> 2014. This OSD event involved 191 sampling sites from all continents ranging from tropical waters around Hawaii to extremely cold environments such as the Fram Strait in the Arctic Ocean.*



Standardized procedures, including the OSD handbook and a centralized hub for laboratory work and data processing assure a high level of consistency and data interoperability. The required bioinformatics capacity for data management, processing and analysis are combined in the Micro B3 Information System (Micro B3-IS). The Micro B3 Reporting- and Service Standards (M2B3) ensure consistent data storage across domains in the data archives shown below.



The OSD on June 21<sup>st</sup> 2014 has shown that more than 190 marine stations can be mobilized, organized and trained to work closely together to create a snapshot of the microbes in the World's ocean.

The next OSD is planned for **June 21<sup>st</sup> 2015**

For more information please visit: [www.oceansamplingday.org](http://www.oceansamplingday.org)

