

# A Virtual Research Environment For the Marine Sciences

## Why & what?

Data is getting bigger, research is getting more cooperative – performing analyses on the cloud is the solution!

## Technical Challenges?

Efficient data access across the web.

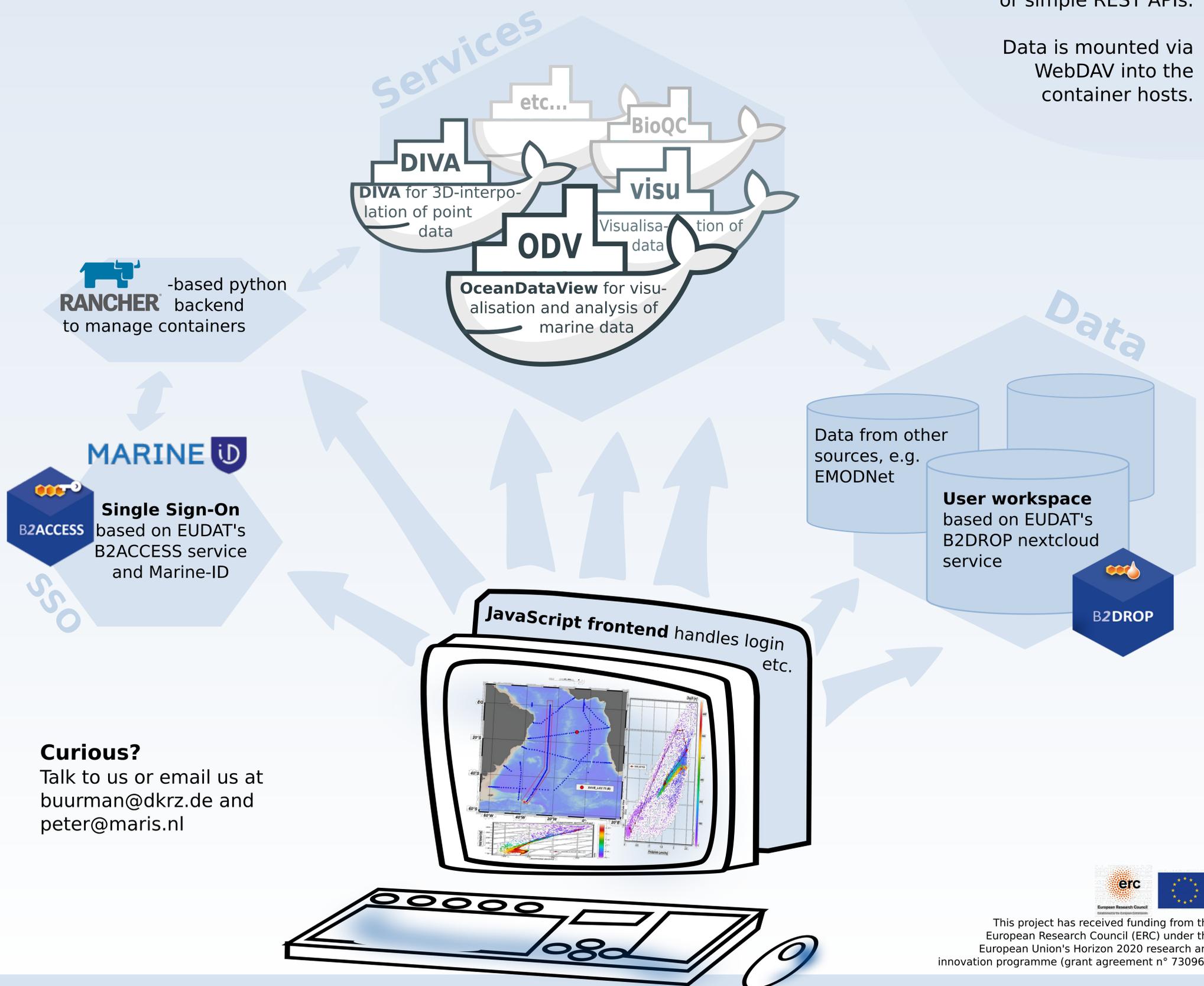
Integrating existing tools efficiently (very diverse in terms of technology, user interface, etc).

## Approaches

The various services run in docker containers to enable integration of very different tools.

User interfaces can be diverse – GUI-based or Jupyter-Notebook-based or simple REST APIs.

Data is mounted via WebDAV into the container hosts.



## Curious?

Talk to us or email us at [buurman@dkrz.de](mailto:buurman@dkrz.de) and [peter@maris.nl](mailto:peter@maris.nl)