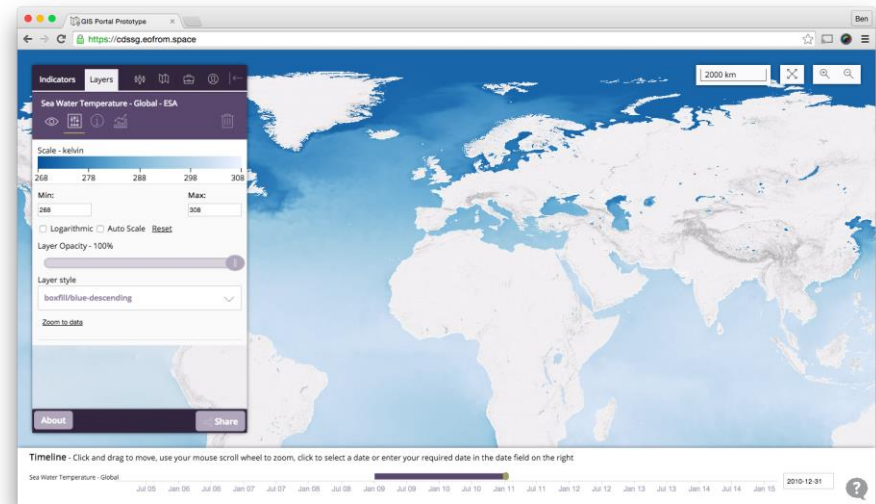


PML

Applications Ltd

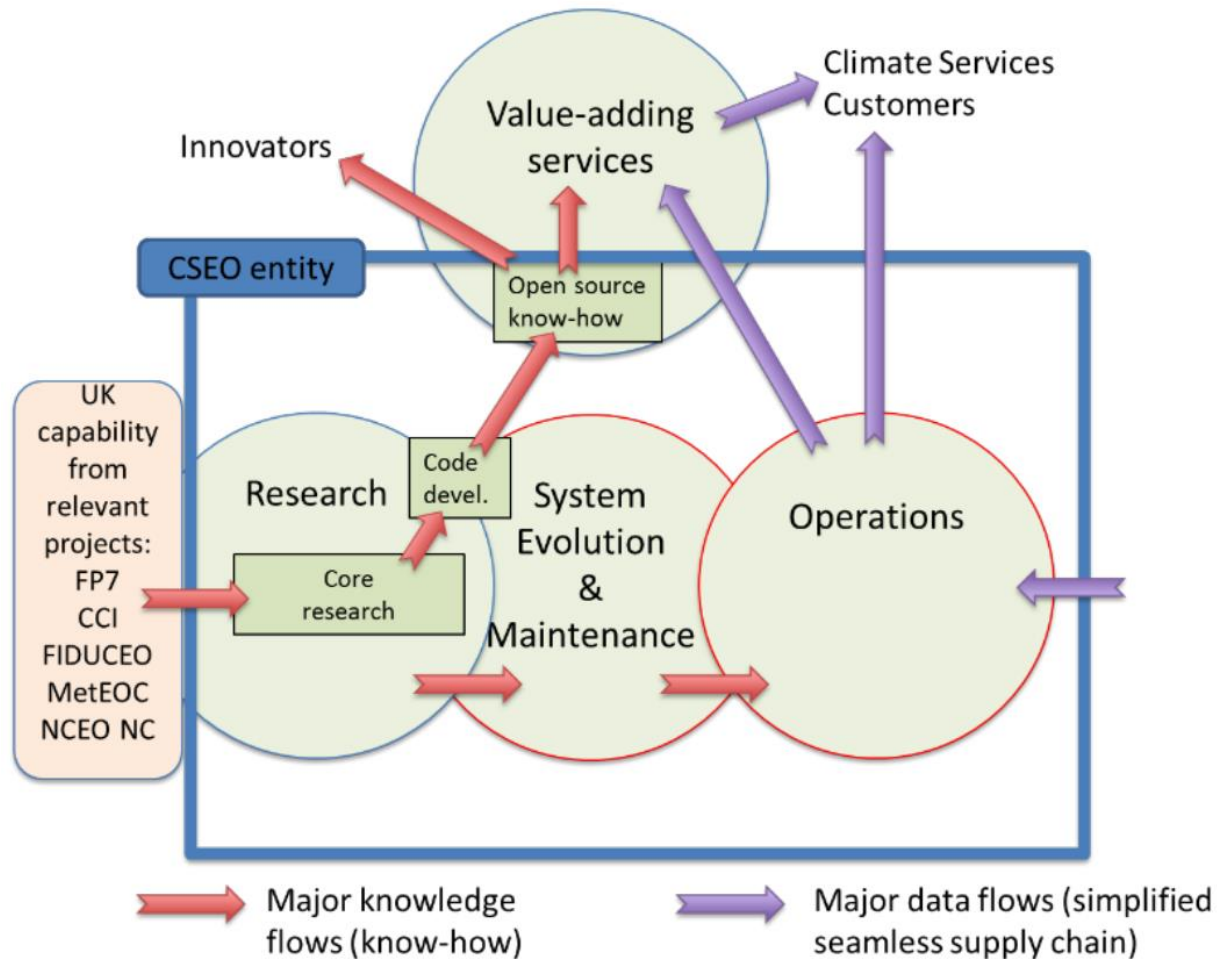
Marine Matters



CDSSG Climate Data Record Demonstrator

Friday 26 February

The Seamless Supply Chain



Target Audience

- **CDR Producers** – “want an easy way for us to explore our data, uncover any problems, and share our outputs with a wider audience”
- **Environmental Consultants** – “want to quickly determine what is available, and access what I want in a quick easy manner without having to handle large volumes of irrelevant data. I also want to be able to get access to expertise and guidance on the data variables so I can ensure we use them in a valid way”
- **Critical Infrastructure Operators** – “to see past variability over as many years as possible at multiple locations of interest, and be able to relate that to my in-house data on our operations and assets”
- **Public Sector Funding Body** – “want to see evidence from the demonstrator that it meets the potential end users’ needs, and that any lessons learned are being shared so we can move forward as a community”

Case Studies



Intertrac[®] Vision, the shipping industry's first enhanced consultancy tool providing ship operators with predictions on the fuel and CO2 saving potential of fouling

Currently working on a new version that will use EO data as an input to their model to provide a more accurate view



<http://www.international-marine.com/intertracVision>

Project Deliverables

An open source visualisation tool to view, analyse and export EO data

- **Data Export**
 - Time series, Hovmöller/horizon plot, scatter plot, profile plot, geographic plot
 - CSV format for less advanced users
 - netCDF format also available
- **Adding external data**
 - Allow users to load their own external data
- **Containerisation**
 - Package the application in a Docker container for distribution
- **Hosting**
 - Host the application at PML
 - Host the application at JASMIN serving data hosted at CEDA
- **Training Materials**
 - A number of instructional video walk-throughs to cover all abilities

The Demonstration...

<https://cdssg.eofrom.space> - this is the version hosted at PML

<http://jasmin.eofrom.space> - this version is hosted at JASMIN

The project deadline is 18 March 2016 so until this date both of the above URL's are in active development so you may find features that do not work fully.

You are welcome to send your questions and feedback to Ben Calton (bac@pml.ac.uk)