Ferrybox data

The JERICO WP5 perspective

Rajesh Nair
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS
Sgonico (Trieste), Italy

The JERICO WP5 (Data Management and Distribution) Action Plan

A synthesis of what was decided during the pre-kickoff meeting on the data management and distribution strategy to adopt within JERICO (Paris, 23 May, 2011):
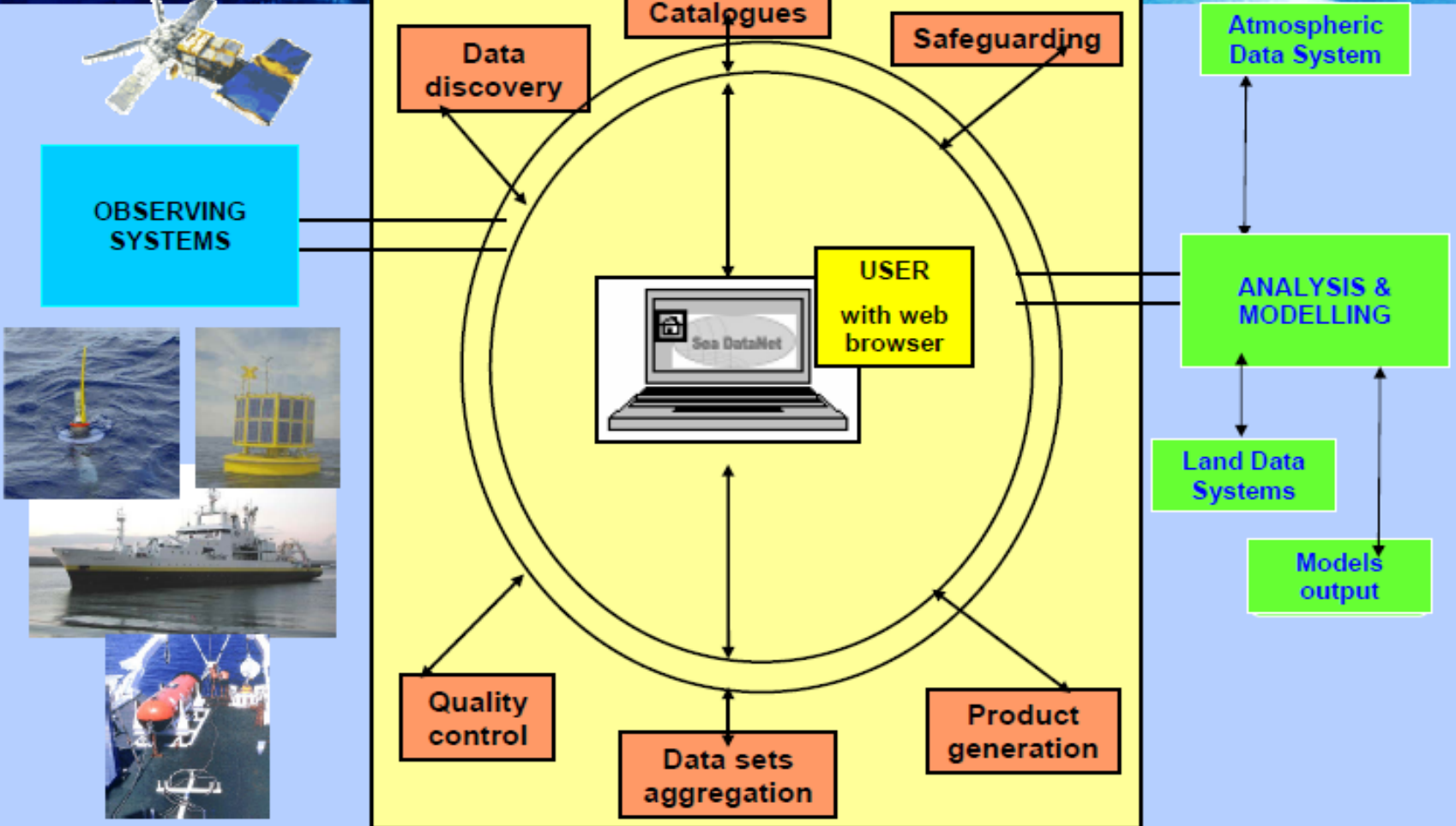
➢ Use what exists → SeaDataNet II (SDN II) for Delayed-mode (DM) data & MyOcean (MyO) for Real-time (RT) data.

➢ Avoid duplication of efforts → by assisting SDN II & MyO in the development/improvement of data handling methodologies and data quality assurance procedures for JERICO-specific monitoring parameters/technologies.

➢ Create suitable partnerships to meet target objectives → formalize links with SDN II & MyO to support the data flow within JERICO.

SeaDataNet

OCEANS'07, Aberdeen, Scotland, 18-21 June 2007

SeaDataNet

Pan-European infrastructure for Ocean & Marine Data Management

Distributed data management system

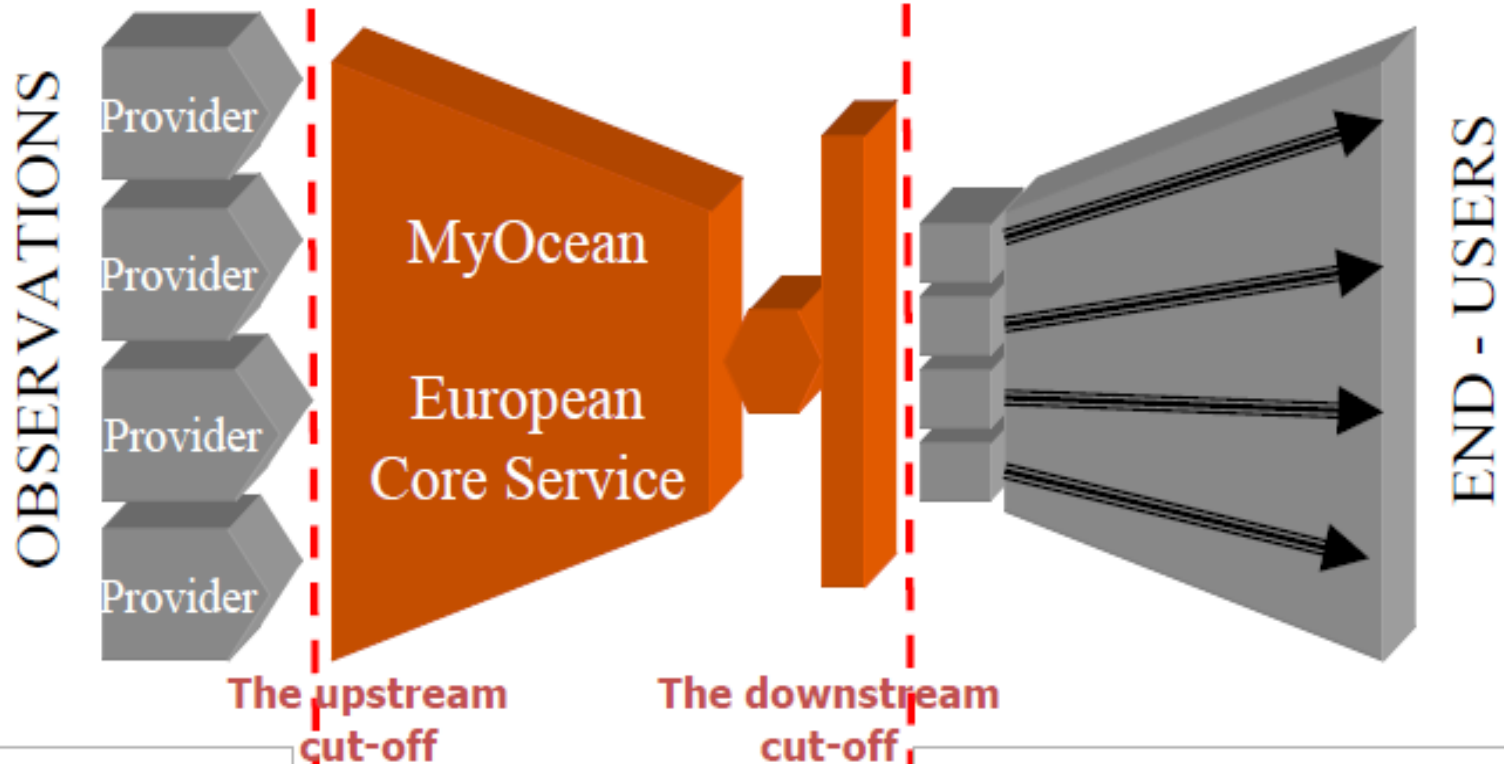| Partner Nr	Organisation	Country	Data Centre Description	Data Access	Have a look
1	IFREMER	France	SISMER		
2	MARIS	Netherlands	MARIS		
3	NERC	UK	BODC		
4	BSH/DOD	Germany	NODC-DE		
5	SMHI	Sweden	NODC-SE		
6	IEO	Spain	NODC-ES		
7	HCMR/HNODC	Greece	NODC-GR		
8	OGS	Italy	NODC-IT		
9	RIHMI/WDC	Russia	NODC-RU		
11	ENEA	Italy	ENEA-DC		
13	IMS/METU	Turkey	METU-DC		
14	CLS	France	Aviso		
17	IMR	Norway	NODC-NO		
18	NERI	Denmark	NODC-DK		
21	MI	Ireland	NODC-IR		
22	IH PT	Portugal	NODC-PT		
23	RIKZ	Netherlands	NODC-NL		
24	MUMM-BMDC	Belgium	NODC-BE		
25	VLIZ	Belgium	NODC-BE2		
26	MRI	Iceland	NODC-IS		
27	FIMR	Finland	NODC-FI		
28	IMGW	Poland	NODC-PL		
29	MSI	Estonia	NODC-EE		
30	IAE/ULL	Latvia	NODC-LV		
31	CMR	Lithuania	NODC-LT		
32	SMHNU	Russia	SIO-RAS		
33	MHI DMIST	Ukraine	DMIST/NODC-UA		
34	IO/BAS	Bulgaria	NODC-BG		
35	NIMRD	Romania	NODC-RO		
36	TSU	Georgia	NODC-GE		
37	IN-R-H	Morocco	NODC-MA		
38	IOF	Croatia	NODC-HR		
39	P-U-T	Albania	NODC-AL		
40	NIH-MBS	Slovenia	NODC-SI		
41	UNIV MALTA	Malta	IOI-NODC		
42	OC/UCY	Cyprus	CYCDC		
43	IOLR	Israel	ISRAMAR		
44	NCSR/NCMS	Lebanon	NCMS		
45	ISMAL	Algeria	NODC-DC		
47	INSTM	Tunisia	NODC-TN		

Managing Ferrybox (FB) Data in JERICO

Delayed-mode data

➢ **Use what exists** → **Data will be managed/distributed using the SDN II infrastructure and procedures** → **Most JERICO partners already contribute to (or will contribute to) SDN II, so there should be no added burden to bear.**

➢ **Avoid duplication of efforts** → **Cooperate with SDN II to develop/improve FB data handling methodologies and quality assurance procedures** → **Will allow JERICO to participate in the establishment of community standards and practices.**

➢ **Create suitable partnerships to meet target objectives** → **Actively engage with SDN II to seek common ground on FB data issues in a way that will address the needs/prerogatives of JERICO** → **Supports the "open & free" data policy paradigm** → **Will ensure compatibilty, interoperability and the necessary implementation of community standards and practices.**

MyOcean

OBSERVATIONS

Provider
Provider
Provider
Provider

MyOcean

European
Core Service

END - USERS

The upstream cut-off

The downstream cut-off

upstream to our service

... is done (duty) by an **observation** agency or center (raw data)
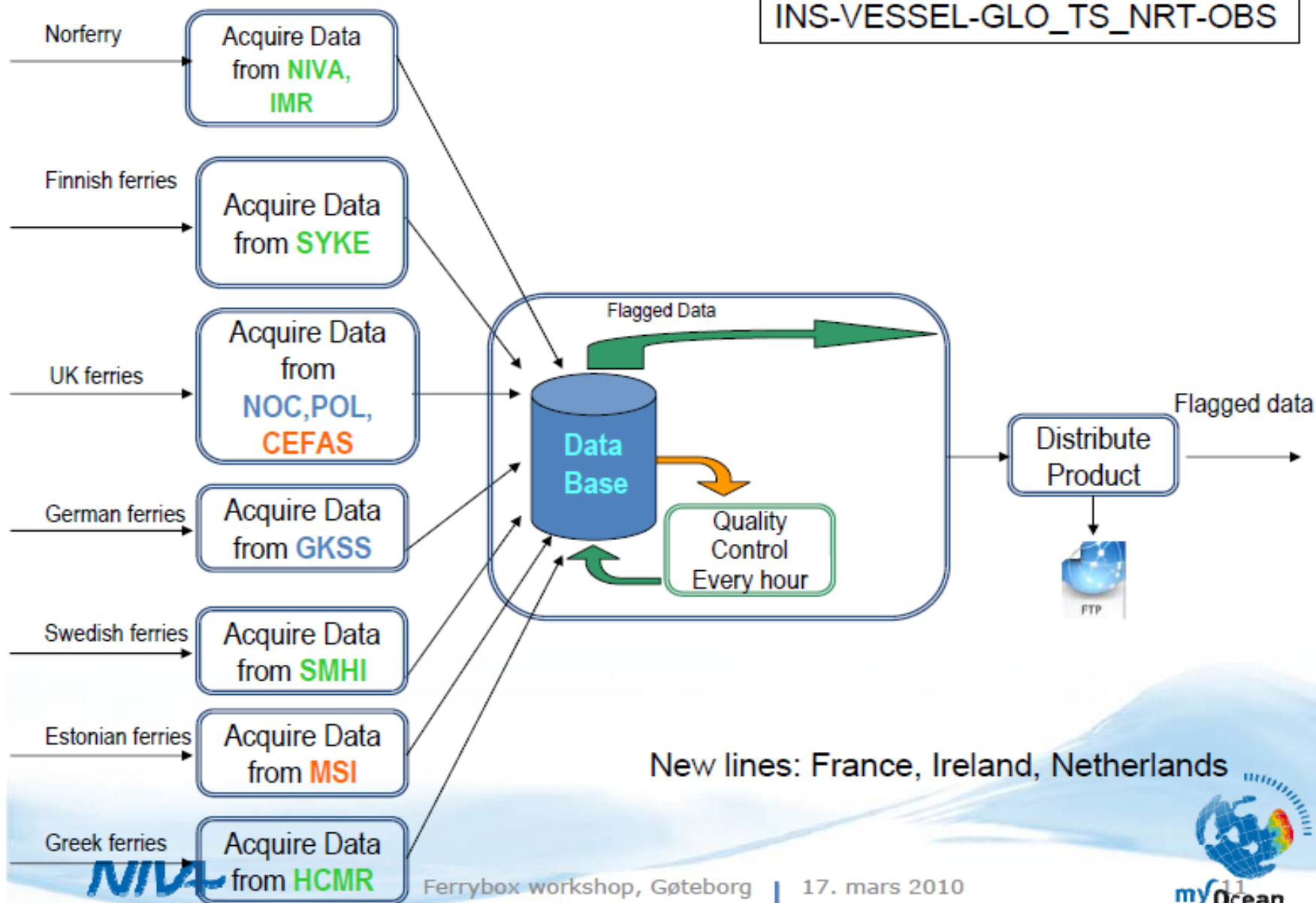Example : Eumetsat SAF or the ESA PAC

Data, Model European added-value

downstream to our service:
... is done (duty), or will be better done (skill) by a **specialized** agency, a **European** agency or a **national** center ; usually already in place
Example : COASTAL SYSTEMS

NIVA

Ferrybox workshop, Gøteborg | 17. mars 2010

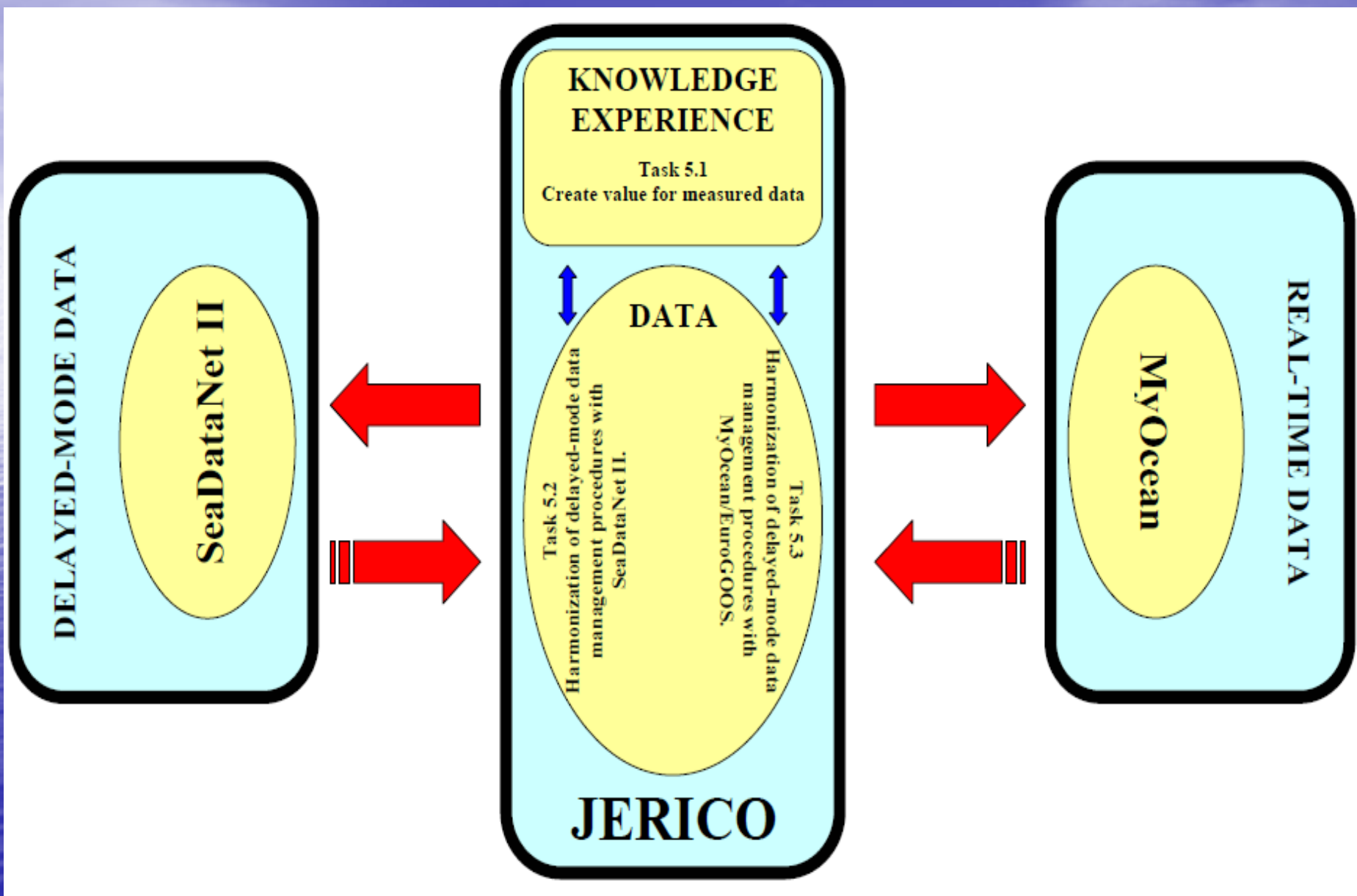my Ocean

Ferrybox Data in MyOcean

Managing Ferrybox (FB) Data in JERICO

Real-time data

➢ <u>Use what exists</u> → Data will be managed/distributed using the MyOcean infrastructure and procedures → Most JERICO partners already contribute to (or will contribute to) MyOcean, so there should be no added burden to bear.

➢ <u>Avoid duplication of efforts</u> → Cooperate with MyOcean to develop/improve FB data handling methodologies and quality assurance procedures → Will allow JERICO to participate in the establishment of community standards and practices.

➢ <u>Create suitable partnerships to meet target objectives</u> → Actively engage with MyOcean to seek common ground on FB data issues in a way that will address the needs/prerogatives of JERICO → Supports the "open & free" data policy paradigm → Will ensure compatibilty, interoperability and the necessary implementation of community standards and practices.

The JERICO WP5 Operating Scheme for Ferrybox Data

The JERICO WP5 Operating Scheme for Ferrybox Data

Delayed-mode Ferrybox Data

All delayed-mode ferrybox data activities will be routed through Task 5.2 of WP5: Harmonization of delayed-mode data management procedures with SeaDataNet. This task will also manage the necessary interaction between JERICO and SeaDataNet II.

Task Leader: IFREMER.

Real-time Ferrybox Data

All real-time ferrybox data activities will be routed through Task 5.3 of WP5: Harmonization of real-time data management procedures with MyOcean/EuroGOOS. This task will also manage the necessary interaction between JERICO and MyOcean.

Task Leader: IFREMER.