

JOINT EUROPEAN RESEARCH INFRASTRUCTURE NETWORK FOR COASTAL OBSERVATORIES

# FORUM FOR COASTAL TECHNOLOGIES

*Glenn Nolan*

Speaker | Organism | adresse mail

# Operational oceanography and ocean and climate change research rely on an integrated sustained multidisciplinary observing system

15  
sets.  
oys



MOORED BUOYS  
**FIX03**

OR VOLUNTARY MERCHANT  
vessels acquire surface  
data during transit

SCIENTIFIC CRUISES  
**EuroFleet**

**JERICICO**

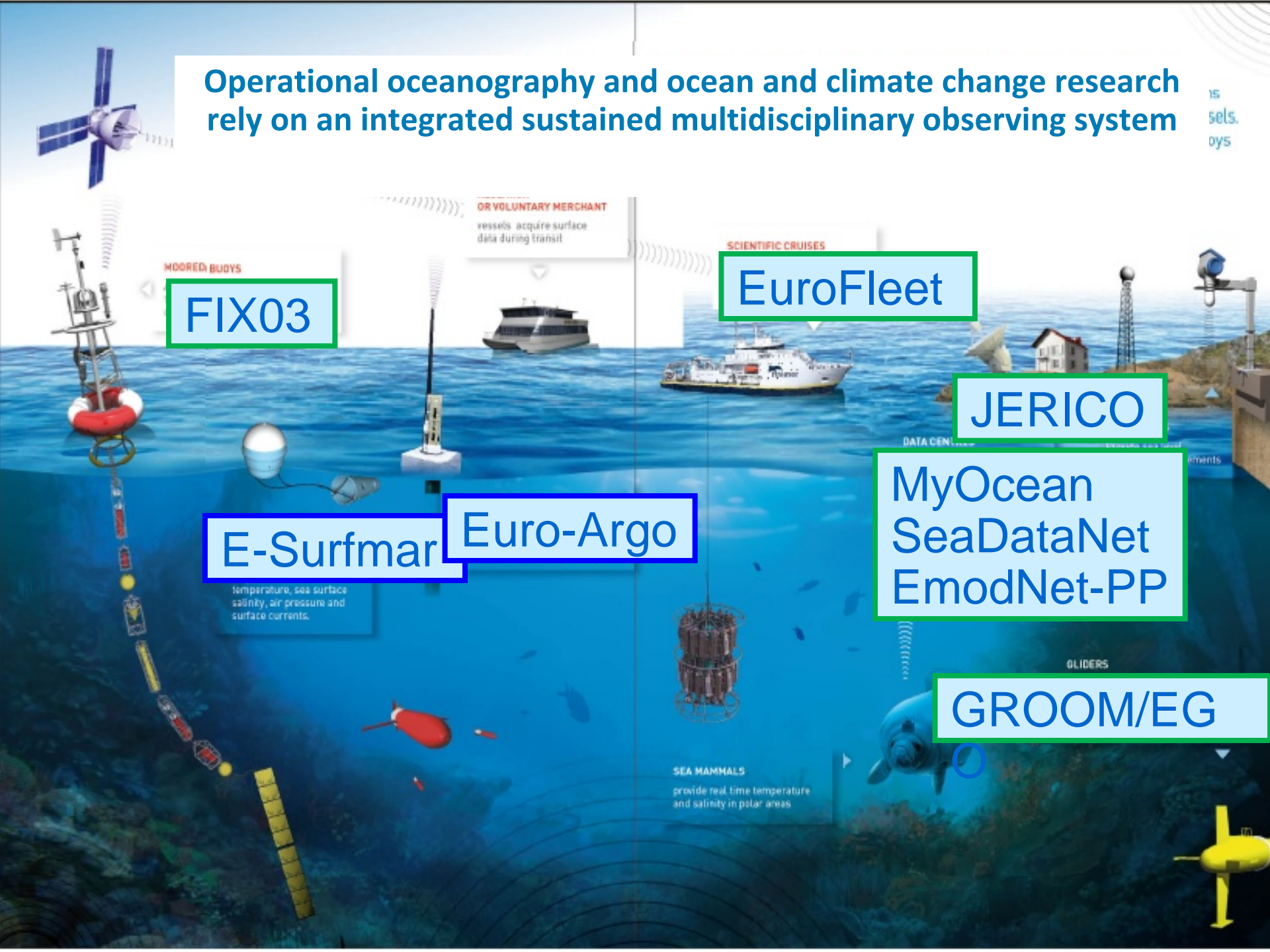
**E-Surfmar** **Euro-Argo**

temperature, sea surface  
salinity, air pressure and  
surface currents.

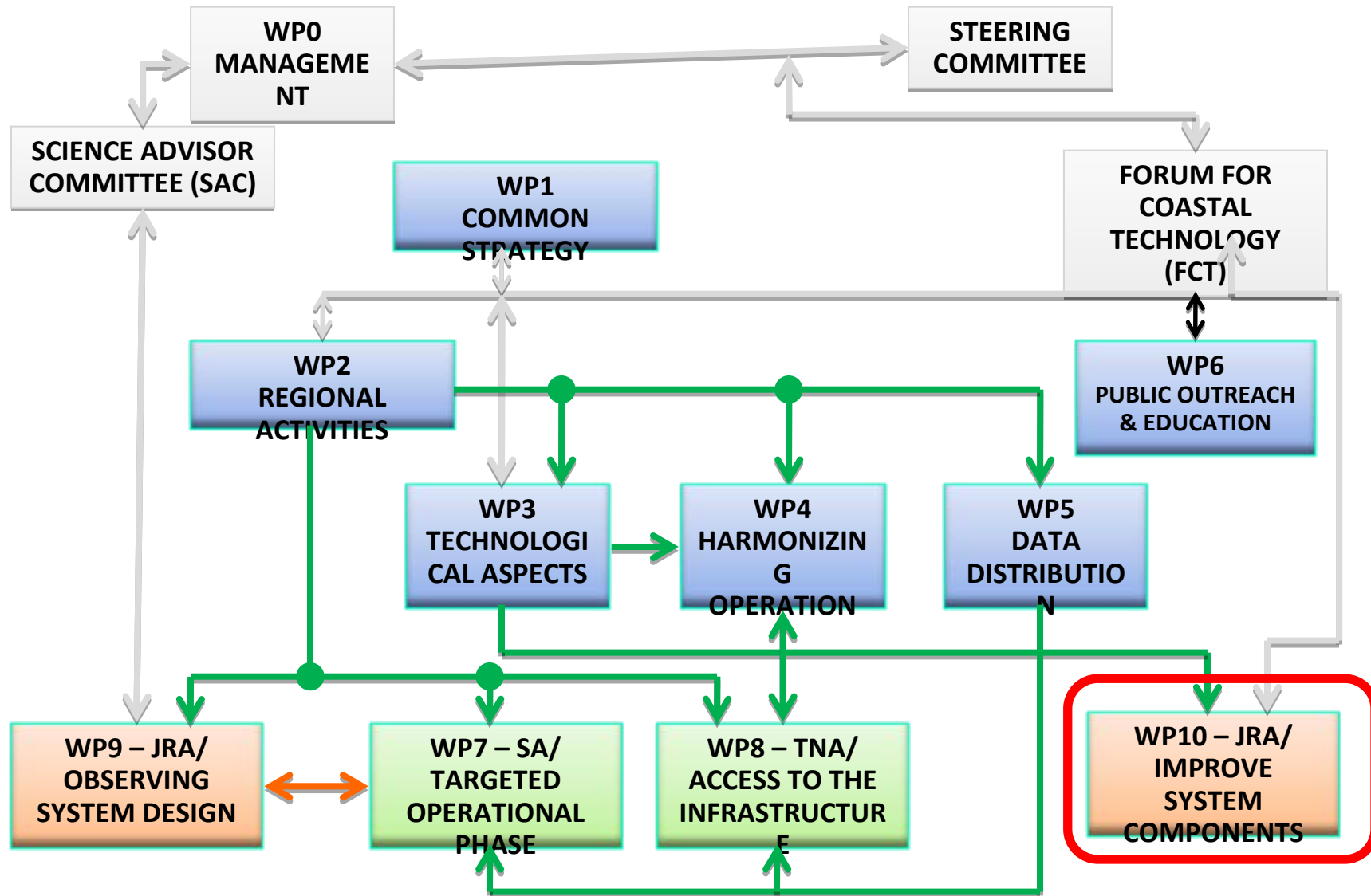
DATA CENT  
**MyOcean**  
**SeaDataNet**  
**EmodNet-PP**

GLIDERS  
**GROOM/EG**

SEA MAMMALS  
provide real time temperature  
and salinity in polar areas



# JERICO WP SCHEME



MANAGEMENT

- NA

- TNA

- JRA



## ACTIVITIES TO BEGIN A EUROPEAN FCT

---



2005: J.Legrand and G.Nolan attended ACT workshop in Portland, Maine.

2006/2007: FCT type entity became an objective of the EuroGOOS Technology Plan Working Group

2007: EuroGOOS hosted TPWG event in Trieste (strong company participation and some collaborations)

2006-2011: Several attempts to get the FCT going (Chris Galienne, Jesus Cisneros (COST) and others)

2011-Present: Stefania Sparnocchia maintained links

2011 onwards: Opportunity through JERICO to start the initiative

4/14/2014



## TERMS OF REFERENCE (FROM EUROGOOS)

---



Identify existing technology which is adequately developed and tested to support operational oceanography

Identify new technology which is under development and which is needed by EuroGOOS

Identify gaps in technology which are problematic and which need to be resolved in the foreseeable future.

## WHY ARE WE ALL HERE?



*“objective of the FCT is to provide a forum for the marine sensor user community and sensor industries to regularly exchange information about user requirements and technological developments”*

## PROGRESS TO DATE



Forum for Coastal Technologies has been established under JERICO

Two questionnaires to date (positive response).

Web presence developed

Initial contact made with cohort of manufacturers

Second FCT focused on Dissolved Oxygen measurement  
4/14/2014

## EXPECTED OUTCOMES



*Industry awareness of the Forum for Coastal Technologies*

*Participation and feedback on future questionnaires*

*Collaboration between industry and the research community  
(funding calls, joint R&D)*

4/14/2014