EUROFLEETS WP10 « Up To date software »

- KOM held in Paris in September
- General objective:
  Joint development of a generic software portfolio combining all necessary functionalities for collection, processing and display of data collected at sea and to import/export data to data centres
- Progress
  - Clarification process underway
  - Draft of functional requirement of each sub-development or study
  - Conclusion in February
EUROFLEETS WP10 « Up To date software »

- 9 partners: IFREMER, CSIC, CNR, OGS, MARIS, MUMM, MPI, GeoEcomar, IOPAS

- 190 Man month, Budget of 1.3 M€

- WP Leader: IFREMER
SEADATNET: Scientific data collection on land

- Reporting
  - OGS
- Standardisation
  - CSIC
- Acquisition
  - Import/Export
    - CNR
- Calibration
  - CNR
- Processing
  - IFREMER
- Genome data base
  - MPI

EUROFLEETS WP10: Scientific data collected at sea
WP 10.2 CALIBRATION - CNR

- Used multipara. probes and calibration methods
- Inventory of the present situation (probes, protocols)
  - Procedures/tools for each probe
  - Study of a dynamic calibration tool
- Inventory of probes and parameters, protocols
- Recommendations on specific protocols for each probe and parameter
- Feasibility to provide a tool for dynamic calibration
WP 10.5 STANDARDISATION - CSIC

Use case of data acquisition and dissemination process

- Real time data (machine to machine communication)
- Metadata management
- Data set services

Analysis of options for communication protocols, data formats, data streaming middleware

How to use and implement SeadataNet approach

How to use and implement SeadataNet approach
WP 10.4 REPORTING TOOL - OGS

Survey reports collection → Analysis of survey reports → Definition of events categories and codes → Tagging definition → Reporting software development → Real time events acquisition → Software tool → Data base

- Analysis of survey reports
- Definition of events categories and codes
- Tagging definition
- Reporting software development
- Real time events acquisition
- Software tool
- Data base
WP 10.3 PROCESSING TOOL - IFREMER

- Inventory of the present situation
- Definition (OS, data management tool, GIS interface)
- Prototyping
- Extension of the prototype to predefined sensor

Used sensors (MEB, seagoing instruments, video, ...)

Data set (MEB, ocean going sensors, video & photo, ...)

- Processing tool
- Pertinent and qualified Data display
WP 10.6 ACQUISITION/VISUALIZATION OF MOLECULAR DATA

- Standard and best practices
- Developpement of « Web based graphical tool »
- Guidelines for standard and best practice for contextual data handling and genomic data
- Request
- Web based graphical tool
- Distribution and genomic markup of marine microbial communities
WP 10.7 ACQUISITION/IMPORT/EXPORT - CNR

Data acquisition on board R/V

Operational data transmission

Q/C and data access

Link with EU and international programs

Inventory of acquisition process for meteorological, current profiles & blueboxes sensors

Methodology and software review

Manuals and protocols review

WP2.1, WP2.3, WP6 progress

Link with EU and international programs

OFEG-TECH 2009 - Barcelona
➢ NEXT STEP

• Meeting in la Spezzia (CNR) to conclude on Functional Specifications of the sub-developments and studies