

# HyMeX

**PW3.3 - Thursday 10 June 2010**

Instrument deployment design over  
the TAs during EOP/SOP: in-situ  
networks, sites and supersites

O. Bock, N. Kartholff, P. Arbogast, I. Braud

# Networks

- Radiosondes  
=> TTO1a: P. Arbogast & A. Jansa  
Special operations (SOP/IOP): EUCOS may fund enhanced launching (4x or DTS) & additional sites (N. Africa)
- Balloons (SOP)
  - TTO1b - C. Basdevant & A. Doerenbecher
- Wind profilers  
=> TTO1c: J.C. Caccia & N. Kartholff
- GPS & Aeronet networks  
=> TTO1d: O. Bock & C. Champollion
- Lidar & MWR networks  
=> TTO1e: A. Behrend, G. Liberti, D. Cimini  
mobile systems can be installed on supersites
- Radars  
=> TTO1f: O. Garrouste & O. Bousquet  
mobile systems (Xband) can be installed / sites and moved during IOPs
- Microphysics, aerosols (+ disdrometers CV)  
=> TTO1g: L. Gomez
- Lightning  
=> TTO1h: E. Defer, K. Lagouvardos, S. Coquillat

## Working hypothesis:

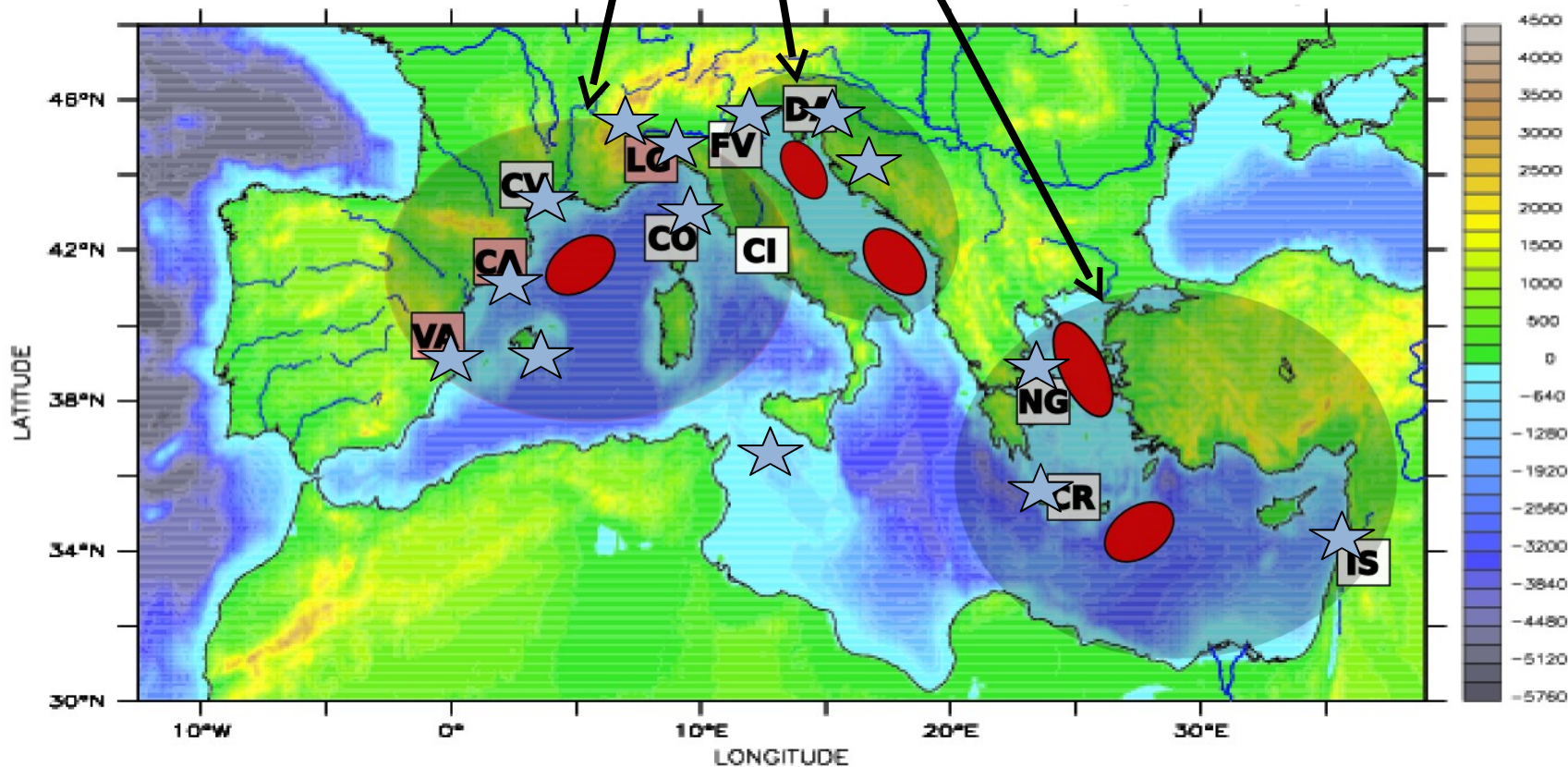
- 3 Target Areas

- • 11 hydromet sites (WG2-3)

- ★ • 14 meteo super-sites (WG3)

- • 5 Key regions for dense water formation and ocean convection

3 target areas



# WG2 sites

- **TT02 - Hydrological and soil measurements**
  - TT02a - Collection and critical analysis of operational hydrometeorological data over the target areas
  - TT02b - Observation of hydrological processes over pilot-sites and super-sites
  - TT02c - Observations of hydrogeological processes over pilot-sites and super-sites
- TT03: Flux network (A. Chanzy)
- TS3 - hydrometeorological sites
  - TS3a - Catalan hydrometeorological observatory: C. Llasat, D. Sempere Torres
  - TS3b - Valencia site: C Llasat
  - TS3c - Cevennes-Vivarais hydrometeorological observatory: G. Delrieu, B. Boudevillain
  - TS3d - Ligurian site: G. Boni, G. Roth + additional sites possible (N. Cimini)
  - TS3e - Friuli-Veneto-Croatia hydrometeorological observatory: M. Borga

- **NW Med Target Area**

**Valencia** : C. Llasat (contact person); A. Jansa (contact person)

**Cataluna** : C. Llasat, A. Jansa (contact person); Agustin Ezcurra

**Balearic islands** : A. Jansa and F. Saïd

**Montpellier** : Bousquet and Garrouste

**CV** (Coord. With WG2 sites)

**Corsica** : D. Lambert & N. Kalthoff

**Liguria** : Gioggi Boni & Andrea Cavallo

**Central Italy**: D. Cimini

**Torvergata**: G. Liberti (contact person)

**Lampedusa** : Giorgio Di Sarra

## •Adriatic target area

Marco Borga (contact person)

- **North eastern Italy:** Marco Borga
- **Croatia:** Branka Ivancan-Picek (contact person)
- **Slovenia** (met+hydro services to be contacted)

## •Eastern Med Target Area

- **Western Crete** : E. Anagnostou
- **North Aegean sea:** E. Anagnostou
- **Israel** : E. Morin