



COMMON MEDITERRANEAN STRATEGY AND LOCAL PRACTICAL ACTIONS
FOR THE MITIGATION OF PORT, INDUSTRIES AND CITIES EMISSIONS.

Intensive air monitoring campaign in the port area of Venice

In Venice, under the coordination of ARPAV, the particulate matter samples collection has started in late January 2011 and it will last till the end of the year.

The sampling plan of the campaign is summarised below:

- 3 monitoring sites, of the Venetian ARPAV Air Quality Monitoring Network, featuring different sources exposure:

- 1) the harbour area in Venice downtown (Giudecca);
- 2) an urban background location in the Venice mainland (Mestre, Parco Bissuola);
- 3) another Venice mainland industrial background site (Porto Marghera - Malcontenta).

More "harbour targeted" samples could be available from environmental monitors of the EZI (Ente della Zona Industriale), Air Quality Monitoring Network. However discussion and evaluations are still open partially due to some technical arrangements of the samples collection and to the degree of collaboration between ARPAV and EZI (already approved as Observer in APICE).

- PM10 and PM2.5 samples collected daily respectively in 3 and 2 sites

- speciation of SVOC, total carbon, ions and heavy metals on PM2.5 and PM10 filters, according to the sampling media actually used .



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