



INCA

Consorzio Interuniversitario Nazionale “La Chimica per l’Ambiente”

INCA LABORATORY OF MARGHERA

A new building recently acquired by the INCA Consortium (www.unive.it/inca) in the VEGA Science Park, is just about ready to host the *INCA Laboratory of Marghera*. The research labs and administration will move from the old to the new structure in February 2005.

The structure covers approximately 2500 m², on three levels.



It's set to become a centre for scientific excellence and for high-level training of researchers.

TRAINING

It will host national and foreign researchers in close contact with internationally renowned experts, in the framework of scientific collaborations, research projects, and doctoral programs.





LABORATORIES

The research labs are already active in three areas.

- A. Fundamental research on Green Chemistry.
- B. Analyses of micropollutants (dioxins, PCBs, PAHs, etc..)
- C. Microbiology for the decontamination of polluted sites.

RESEARCH

Current national and international projects:

- A. European Integrated Project SOLVSAFE
- B. REsearch wit industrial partners: ICI, Dow Chemical, etc.
- C. Calibration Network for Dioxins (CIND)
- D. Research exchanges in the framework of international memoranda of understanding (INTAS, etc.)



ANALYTICAL INSTRUMENTATION

- NMR Bruker 300 MHz
- High Resolution Mass Spectrometer (HRMS)
- ICP-MS
- LC-MS
- GC-MS





ADMINISTRATION

The new structure will host the INCA directive offices and administration.



THE MISSION

- Strengthen scientific networks on green/sustainable chemistry, by fostering wide collaborations between universities and industry.
- Create a model research structure, linked internationally.
- Train young scientists through research projects and mobility.
- Get developing nations involved in training and research.
- Disseminate research results through editorial activities, particularly in collaboration with WILEY-VCH.