

## Publishable executive summary

BINASP project was born to build up a system of bio-technology research infrastructure and facilities of European Interest in AREA Science Park to integrate in the favourable regional context of TDBM, the Technology District of Molecular Biomedicine.

The principal aim was directed towards the activation of a pilot project involving 4 outstanding partners of the regional Research Organization Coordination Agreement. Moreover, this highly specialized infrastructure wanted to offer two additional benefits as a stronger attractiveness to young investigators and a facilitated access to top level facilities.

This project involved four of the most important authorities in the scientific sector in this specific regional ambit. Coordinator has been the Consortium AREA for Scientific and Technological Research in Trieste (Consortium AREA), other partners were: the Consortium for the Centre of Molecular Biomedicine (CMB), the International School for Advanced Studies (SISSA), and the Department of Materials and Natural Resources of Trieste University.

BINASP, after five years of development have achieved successful results; as foreseen, the infrastructures and laboratories foreseen have been completed and thanks to this, several new high tech enterprises established in the area, cutting edge international research programs have been initiated, hundreds of young researchers trained. This project did attract several young scientists which contributed with their enthusiasm to the strong experience of the partners to reach the expected results.

Summarising, BINASP achieved the following results:

- N.6 Newly Established research Infrastructures for 23.000 sqm of equipped laboratories (17.100 sqm of which, located in newly constructed buildings) and 6.500 smq of complementary services facilities, located in a newly constructed building.
- BINASP facilities access rules
- N. 13 Research Programs
- High Educational Programs development (N. 4 Summer School Editions)
- N. 300 Trained young Researchers
- N. 160 Hosted and Visiting Researchers and Collaborators
- N.2 Long Term Fellowship Established
- N.15 Publications
- N. 2 Pending Patents.

In conclusion BINASP's Infrastructures consists of six newly established bio-nanotech related laboratories which are included in a more extended networked system of excellence research structures, mainly concentrated in the AREA Science Park premises; this project had a budget of 20 Meuro co-financed by the EC up to 1,92 Meuro.

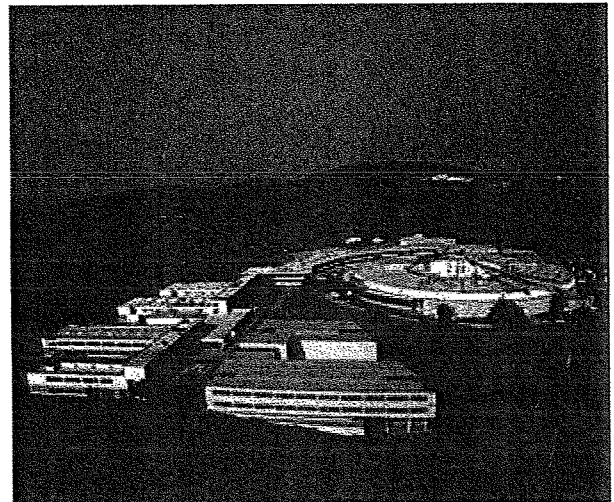


Figure 1 View of the BINASP infrastructure