

EURISOL DS

- February 2005-July 2009
- 20 Participants; 21 Contributors
- 12 Tasks
- Coordinating Institution : GANIL
- Project Leader : G. Fortuna (until Nov. 2006); Y. Blumenfeld (Nov. 2006 to July 2009)
- Technical coordinator : J. Cornell
- Budget : 9.16 M Euros from EC

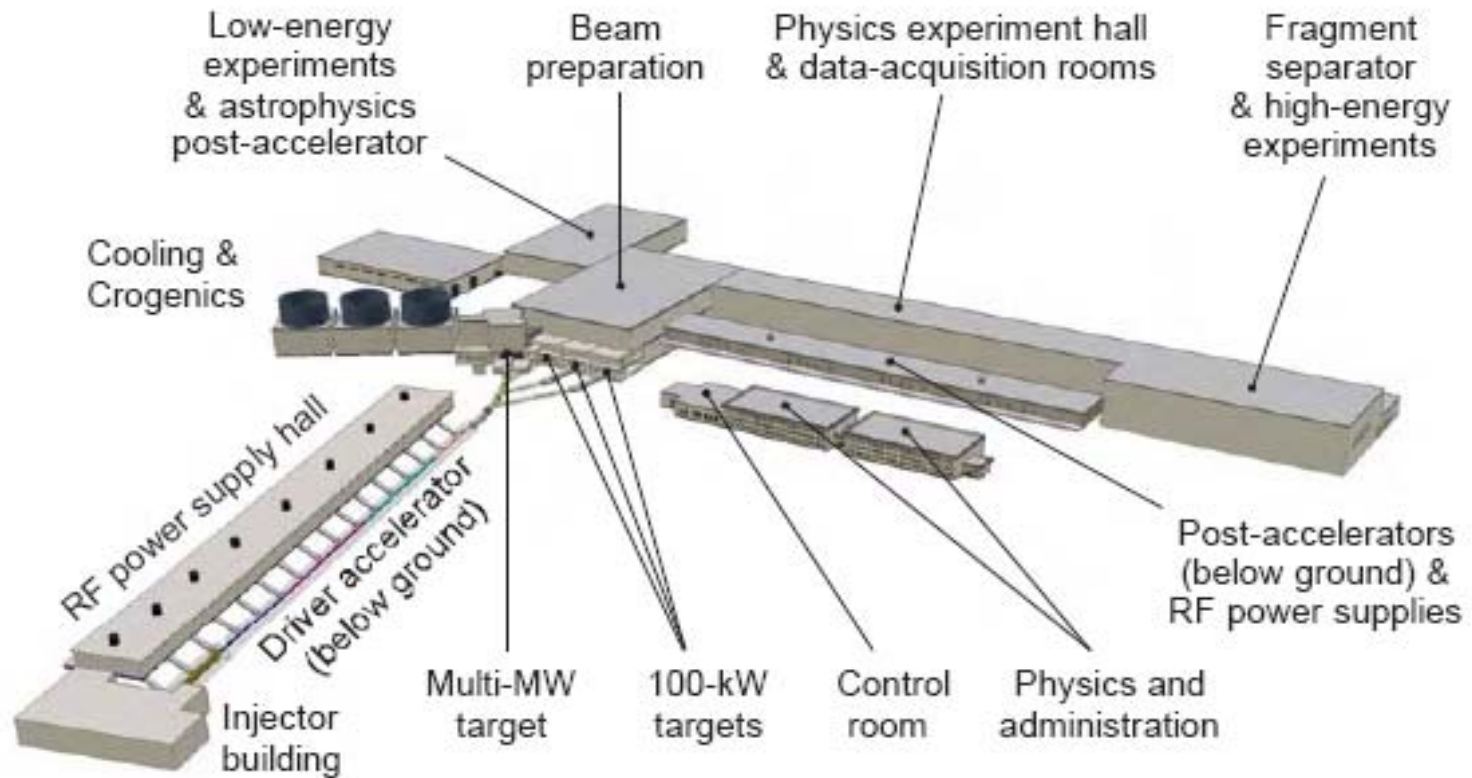
The logo for EURISOL Design Study features the word "EURISOL" in large, bold, multi-colored capital letters (E: red, U: orange, R: yellow, I: green, S: blue, O: purple, L: dark blue). Below it, the words "Design Study" are written in a smaller, italicized, blue font.

EURISOL
Design Study

EURISOL DS : accomplishments

- All deliverables submitted
- 4 Town meetings organized
- First 4 annual reports approved by EC
- Fifth annual report and final report submitted to EC
- Site investigation report and layout report available on website (www.eurisol.org)
- Final “glossy” report to be distributed to community end October
- Credible Design presented (see International Advisory Panel report)
- Total estimated cost of facility: 1.2 Billion Euros (including manpower; excluding experimental equipment)
- All EC funds spent as eligible costs (few % overspending)

The Eurisol Layout



EURISOL Aerial Picture



Timescale for EURISOL

(Discussed with Brussels)

- 2010-2012 : Transition period; contacts with funding agencies and political bodies
- 2012 : Application to be included in ESFRI list (support from NuPECC & LRP necessary)
- 2013 : Call for preparatory phase
- 2014-2017 : EURISOL Preparatory Phase
- 2017 : Choice of Location
- 2017-2019 : Preparation of TDR
- 2020-2025 : Construction
- 2025 : First Beam

The “Transition” Period (2010-2013)

- **The EURISOL project office** (Y. Blumenfeld, P. Butler, M. Lewitowicz, A. Facco (??))
- **The EURISOL collaboration:** (MOU between all laboratories interested in furthering EURISOL; in preparation)
- **The EURISOL User Group** (Established with elected executive committee; will federate scientific community and update physics case; A. Bonaccorso, chair)
- **The EURISOL Network in ENSAR** (included in ENSAR application; will coordinate EURISOL focused R&D at current facilities and fund Town Meetings; 150 KE; leader Y. Blumenfeld)
- **The EURISOL work package in TIARA** : (included in TIARA application; Define and Prepare R&D platforms for EURISOL; up to 500 KE; leader S. Bousson – Orsay)
- **Requests to NuPNET** for pan-European funded R&D through national funding agencies (approx 1ME each – at most 1 to be funded)
 - Liquid metal target tests
 - Beam splitter
 - ECRIS beam merger
- **EC support for global projects:** Possibility of EC support up to 1 ME to expand EURISOL into a global (worldwide) project; suggestion from Brussels still to be investigated.