

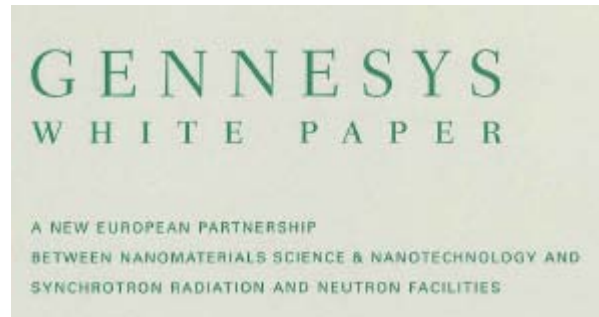
European Light Sources for Industrial Innovation “ELSII”

Networking activity of CALIPSO and NMI3

The logo for NMI3, featuring the letters 'nmi3' in a stylized, lowercase, teal font with a slight 3D effect.The logo for wayforlight calipso, featuring the text 'wayforlight' in a small, black, sans-serif font above 'calipso' in a larger, purple, sans-serif font. Below the text is a graphic of three interlocking circles in green, orange, and purple.

Building on existing work

- o ERID-watch (2008)
- o GENNESYS (2009)
- o EIRRISS (2012)



European large-scale facilities try to open up to applied activities

- The large-scale facilities offer unequalled possibilities for material analysis, in particular the synchrotrons and neutrons facilities. These platforms were initially designed as tools for research fundamental with, as unique evaluation criterion, the quality of the scientific publications of their users
- Conscious to have now reached a stage of performances and reliability compatible with a use by the industrialists, and gain notoriety, the large-scale facilities now wish to invest towards the applied activities.
- Industry needs a fast and cheap access to the techniques; most of the time, long delays are requested and the expertise is not available in the company, requiring scientific- and technical assistance from the large test facilities;
- However, their culture and their operating process do not facilitate this opening which remains still too limited today in regard to the importance of the challenge for European industry.



WP3- Overview

- Overall aim is to catalyse and enhance industrial interaction with CALIPSO light sources
 - Industry as a user
 - Industry as a partner for instrumentation
- Budget 100kEuros
 - Original scale was of 200kEuros
- 30 month duration from month 6
- Link created with NMI3 for activities for enhanced actions and economy of scale

WP3- The tasks

- o **Task 3.1: Industrial Advisory Board**
 - Creation with 3 to 4 members
 - Use as a focus group
 - Two meetings during ELSII life time due to budget cut
- o **Task 3.2: Promoting Light Sources for Industrial R&D**
 - Workshops, largely cut back from the original plans
 - Each light source can hold a miniworkshop to capture its geographical region
 - Larger-scale meeting possible for Autumn 2014, combining outreach and awareness, training, networking

Expectations

1. **Practical feedback** from European Industrial Advisory Board
2. **Input** for Horizon 2020
3. **Increased contact** between business offices of the CALIPSO light sources, and bridging to those of NMI3 neutron and muon sources
4. **Heightened awareness** of light source research infrastructure in industry

IAB Terms of Reference

1. Advise the CALIPSO partners on **opportunities for industry to be engaged** in research at European light sources, and the best means for promoting such opportunities;
2. Advise the CALIPSO partners on how to **best engage with European industry** for proprietary and pre-competitive R&D at light sources;
3. **Identify industrial research priorities** that will help shape the operational strategy of the European light sources including the best way to exploit the **current suite of beamlines in a complementary way**, and to develop the case for joint programmes in the future;
4. **Prepare a concise report** to the CALIPSO Council and European research funders as to how best engage European light sources and industry to the end of enhancing innovation and competitiveness of European industry;
5. Carry out other tasks as agreed with the CALIPSO Council.

IAB and Industry Office Networking Meeting

- o Session I: scene setting from Industry, Facility & EC
- o Session II: facility overviews on how they work with Industry today, current bottlenecks and perspectives
- o Session III: focus on the evolving routes for industry access to Research Infrastructures
- o Session IV is the moment for open feedback from the IAB on experiences and advice for facilities to better benefit industry

:CR: Colloidal Resource

