



**of the European Community for research, technological  
development and demonstration activities (2007-2013)**

## **Collaborative Project & Coordination and Support Action**

### ***CALIPSO***

Project title: **Coordinated Access to Lightsources to Promote  
Standards and Optimization**

Project number: **312284**

Project coordinator: **Sinchrone Trieste SCPA, Trieste, Italy**

Project homepage: <http://www.calipso.wayforlight.eu>

HZDR participant: **Institute of Ion Beam Physics and Materials  
Research**

Starting date: **01.06.2012**

Duration (months): **36**

### **Summary**

CALIPSO coordinates the European synchrotrons and FELs, including the two ESFRI roadmap projects European XFEL and EuroFEL, towards a fully integrated network. The consortium is characterized by common objectives, harmonized decisions, strong communication, transnational open access based on excellence and joint development of new instruments. Innovative networking initiatives address user friendliness and industrial involvement.

CALIPSO proposes a single entry point ([www.wayforlight.eu](http://www.wayforlight.eu)) to simplify access modalities, coach potential users to find the best beamline for their experiment and favour interactivity. These tools will be complemented by actions of the recent European Synchrotron User Organization ([www.ESUO.org](http://www.ESUO.org)), supporting users in proposal preparation and best practice sharing. In addition, targeted education actions will widen and strengthen the community.

The European light sources represent a largely underexploited pool for European industry. To enhance light source – industry interactions, CALIPSO proposes specific events to involve industries both as suppliers and users, a pan-European Industrial Advisory Board to orient these actions and a roadmap to Horizon2020 and dedicated actions to exploit the innovation potential of Joint Research Activities. Transnational Access potentially impacts on 10.000 European users represented by ESUO.

The pivotal EC funding supports scientists to perform their research at the best facilities, thus promoting equal opportunities for all European researchers. This is particularly important for colleagues from less-favoured countries, junior and female researchers. The CALIPSO joint research activities reflect its strong focus on methodical and technical implementations at light source facilities and target instrumentation of common interest: detectors, focusing devices and seeding at FELs. These require coordinated actions rather than individual efforts and will help the CALIPSO network to face the ERA grand challenges.