

CALIPSO

Coordinated Access to Lightsources to Promote Standards and Optimisation

Framework 7 Programme

[X-ray Spectroscopy Detectors for Present and Future](#)
[Synchrotron Storage rings: Opportunities for Horizon 2020](#)

16/03/15 Ed Mitchell - Head of Business Development, ESRF

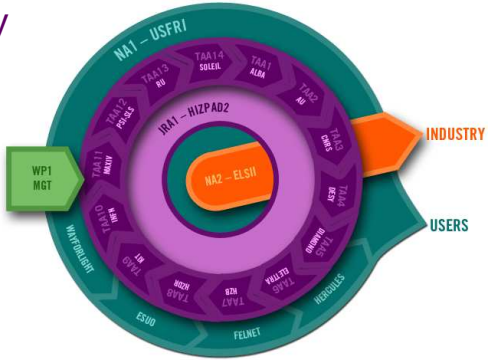



Why CALIPSO ?

- o Excellence *is* multidisciplinary
- o 25,000 user community
- o Unexploited potential

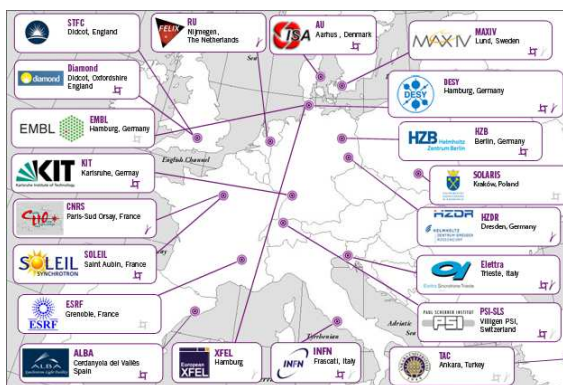
need for:

- coordination
- joint actions

A pan-European initiative

- 18 running facilities (13 SR, 5 FELs)
- 4 in commissioning (SOLARIS(PL), SwissFEL(CH), TAC(TR), XFEL(D))
- 11 EU member and associated countries
- 25,000 user base
- 1 observer: **SESAME**



wayforlight
calipso

Objectives

- Offer TA based on scientific merit
- Involve and train users
- Develop wayforlight portal
- Set up Industrial Advisory Board and network with industry as a user and co-developer
- Develop novel X-ray detectors

wayforlight
calipso

European Light Sources for Industrial Innovation “ELSII”

WP3/NA2 Networking activity of CALIPSO
WP Manager: ESRF



First task: Creation of a joint CALIPSO- NMI3 Industrial Advisory Board

For CALIPSO (Light Sources)	For NMI3 (Neutron & Muon Sources)
Fabia Gozzo Excelsus Structural Solutions , CH	Abderrahim Al Mazouzi EDF , FR
Tomas Lundqvist AstraZeneca , SW	Volodyia Boyko (Absent) BASF , CH
Roberto Millini Eni Spa , IT	Miguel Angel Buñuel Bosch Siemens Hausgeräte, ES
Alfons Mohlenbroeck Haldor Topsoe , DK	Bernard Cabane CNRS , FR
Stefan Ulvenlund Colloidal Research , SW	Michael Glavicic Rolls Royce , US
	Esna du Plessis SASOL , SA

20/03/2015



Expectations

1. Practical feedback from Industrial Advisory Board
2. Increased contact between business offices of the light sources
3. Heightened awareness of light sources in industry
4. Study opportunity for co-innovation and road-mapping with industry for detector technologies



Future options in H2020:
CALIPSO v2, ATTRACT, "JTI", PCP....

- o Constructive discussion
- o Lots of networking
- o A useful conclusion

Thank you for your attention