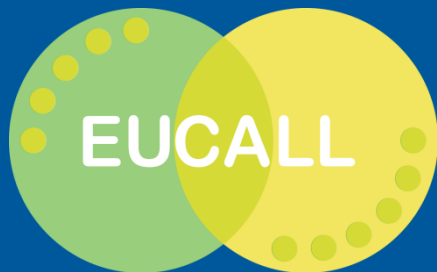


How to acquire European Funding

Barbara Schramm
Helmholtz-Zentrum Dresden-Rossendorf e.V.

Building a Target Network for Advanced Laser Light Sources
EUCALL Satellite workshop
29-31 August 2016

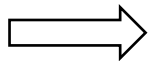


Challenge

strong increase of

- availability (European XFEL, SwissFEL, ELI facilities)
- accessibility (LaserLab, CALIPSOplus (?), ELI-ERIC)
- repetition rate (1-10 Hz)

of advanced laser light sources for European users within the next few years



request for a large number of targets

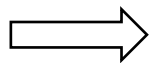
but

users lack

- knowhow on production of targets
- equipment/ infrastructure for target production
- money

Idea

- create a target fabrication network
- provide access *free-of-charge* to a pool of target fabricating institutions
- financing by the EU, similar format as e.g. LaserLab, CALIPSOplus (?)



Integrating Activity

Integrating Activities



Research Infrastructures (RI) → **Integrating Activities**

- mandatory combination of 3 activities
 - provision of **trans-national access**
 - **cooperation** between infrastructures, scientific communities, industry
 - **joint research** activities to improve the integrated services
- 4 years
- starting communities (≤ 5 Mio EUR) \leftrightarrow
advanced communities (≤ 10 Mio EUR)

Target Network as Integrating Activity

Trans-national Access

Offer to the users:

- remote access to pool of fabrication labs
- consultancy on the best infrastructure
- development of targets suiting the needs of the users
- production of the targets

Access costs charged to the project:

personnel costs of scientists, engineers, technicians working on target production

Selection of researchers:

independent peer-reviewed evaluation of research proposals
scientific excellence as predominant selection criterion



Target Network as Integrating Activity

Networking and Joint Research Activities

Networking Activities

- Dissemination activities (website, brochure, poster to be exhibited at conferences)
- Reinforcing partnership with industry
- Definition of common standards
- Spreading good practice
- Trainings, staff exchange
- Coordination with related initiatives (e.g. Laserlab)
- Definition of Data management plans
- Sustainability of the network beyond the project running time, business plans

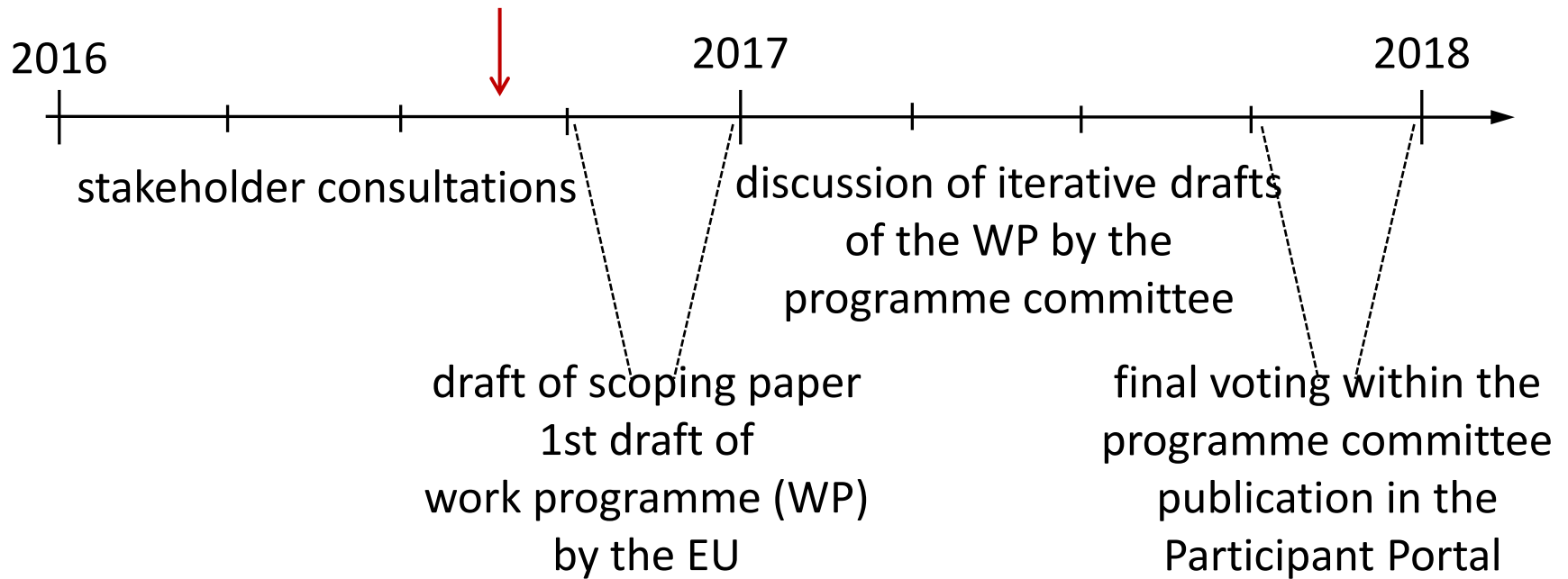
Joint Research on target production



Lobbying for a call

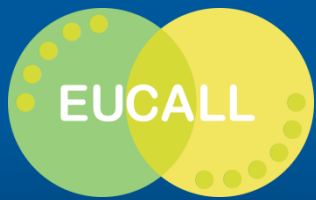
When ?

Schedule for the preparation of the work programme 2018-2020



Lobbying for a call ... and how?

- produce a white paper as a result of this workshop
- spread knowledge
 - National Contact Points (represented in the programme committee!)
complementarily in as many EU member states as possible !!!
 - European Commission
e.g. exploiting the channels of the Helmholtz office in Brussels
- convince the EU of the benefit of the target network which will
 - ensure competitiveness of Europe on a global scale
 - contribute to the creation of jobs and growth in Europe
 - leverage the potential of EU-13 states by ensuring the supply of the targets needed at the ELI facilities and by stimulating the settlement of target producing SMEs in the vicinity of them
- be flexible and react on new developments (bottom-up/ top-down calls; European Training Networks, COST)



Thank you for your attention!

