



ERA-NET on Solar Electricity for the Implementation of the Solar Europe Industry Initiative (SEII)

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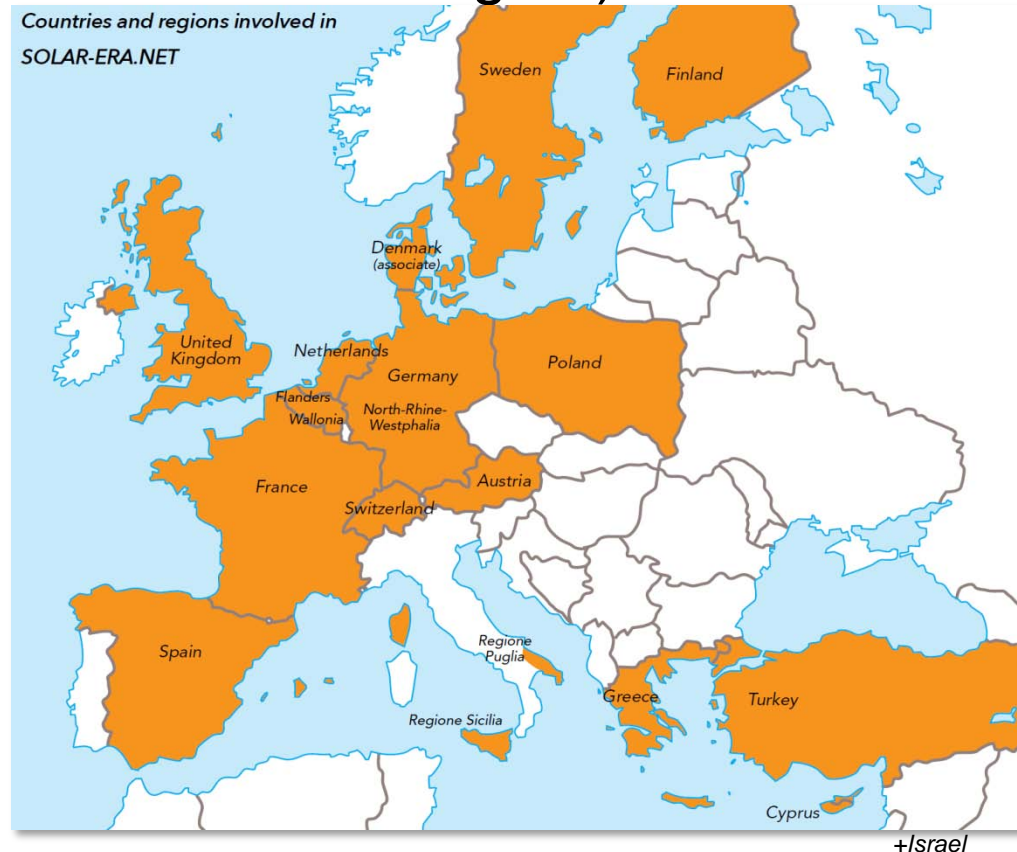
Network

European network bringing together ...

- 19 partners (programme owners and managers)
- 19 countries and regions
- > 20 programmes

- FP7 ERA-NET project
- Start November 2012
- Duration 4 years

→ Further programmes and countries interested can join the activities



Objectives and Goals

- Overarching objective of SOLAR-ERA.NET is to effectively implement the Solar Europe Industry Initiative (on the transnational level)
- To launch 4 joint calls / to mobilise ...
 - ... 50 MEUR funding from national and regional programmes
 - ... 125 MEUR total funding
- To initiative / support innovative, industry-led projects
- To improve cooperation between RDI programmes
- To strengthen Europe's position in the solar sector

Context & Challenges

Double mission

ERA-NET:

scheme for improving cooperation between national / regional programmes



SEII:

European industrial initiative boosting solar power technologies

Context & Challenges

„External“ context and challenges

- Strategic Energy Technologies Plan (SET Plan)
- Implementation Plan for PV and CSP 2013 – 2015
- Horizon 2020
- Harsh global competition, restructuring, consolidation...
- Dynamics in innovation drive and industrial development
- Time constraints
- Economic situation
- Political and administrative changes

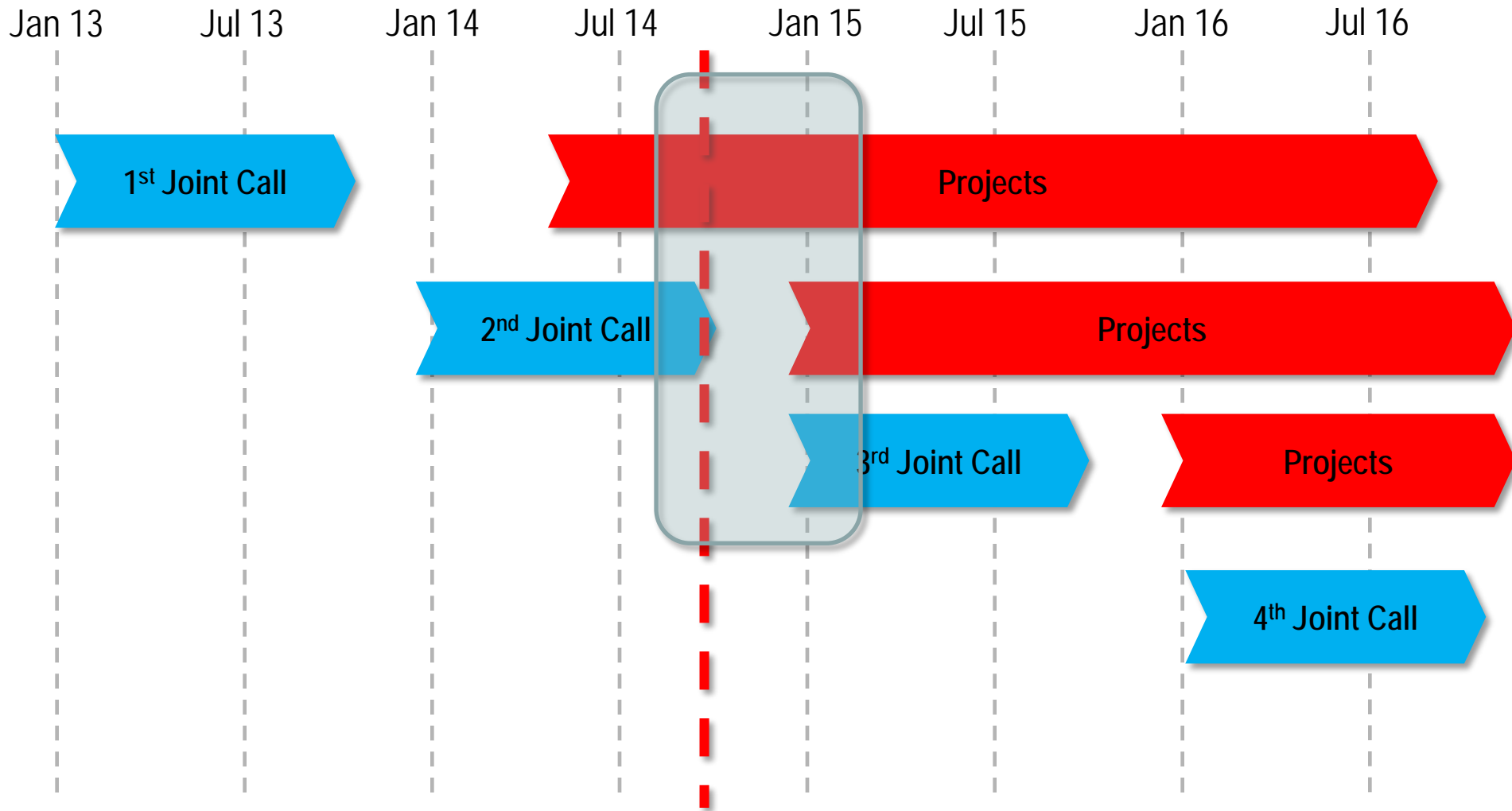
Context & Challenges

„Internal“ context and challenges related to joint calls with / between national programmes

- Resources (critical mass)
- Timing (synchronisation, readiness)
- Competition and competitiveness
- Innovation potential
- Complementarity (topics)
- Subsidiarity (programme levels)
- Scope and scale (large / targeted call)

Overview

Each call: two stage process including international evaluation



Activities & First Results

Two joint calls

- 17 countries and regions
- 7 PV topics and 4 CSP topics
- 109 preproposals submitted
- 478 partners involved in preproposals
- 45 full proposals submitted

First joint call

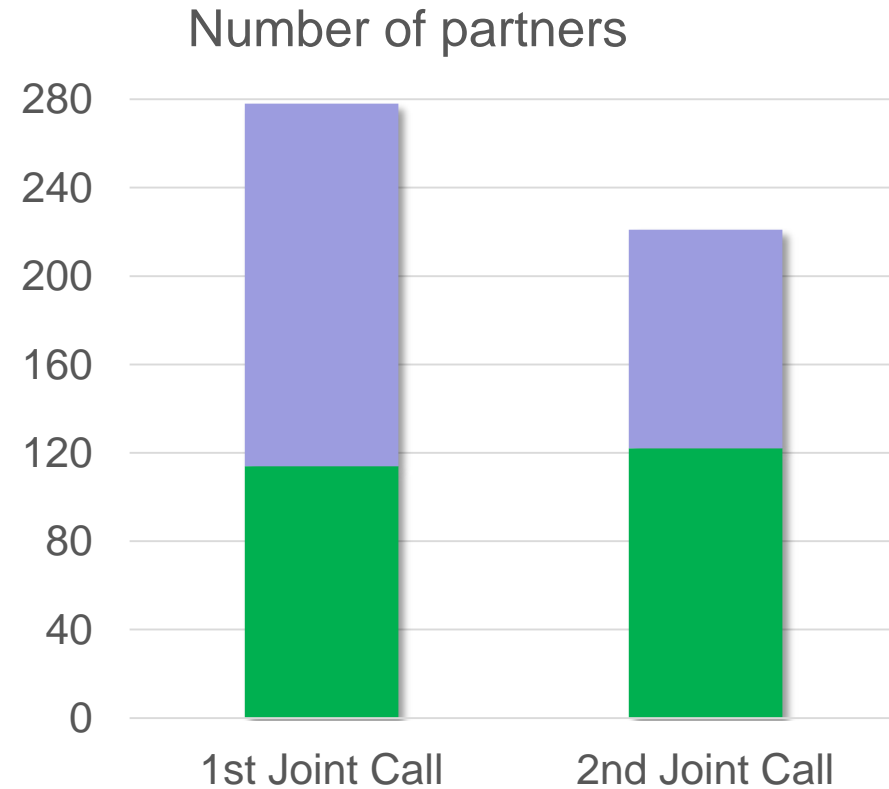
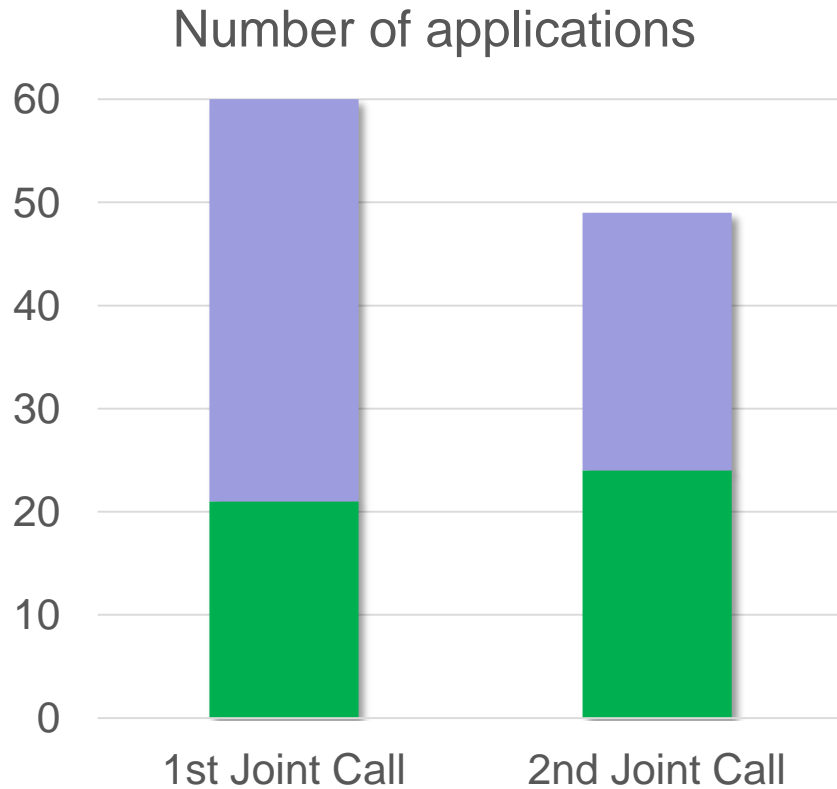
- 13 out of 21 full proposals suggested for funding
- 4 projects have started

Activities & First Results (1st Joint Call)

Issues for delays

- Project partners delayed with submitting national applications
- Withdrawal / bankruptcy of project partners
- Delays with “parallel” national call / budget reservation
- Shift of responsibilities from one ministry to another (elections, restructuration)

Activities & First Results

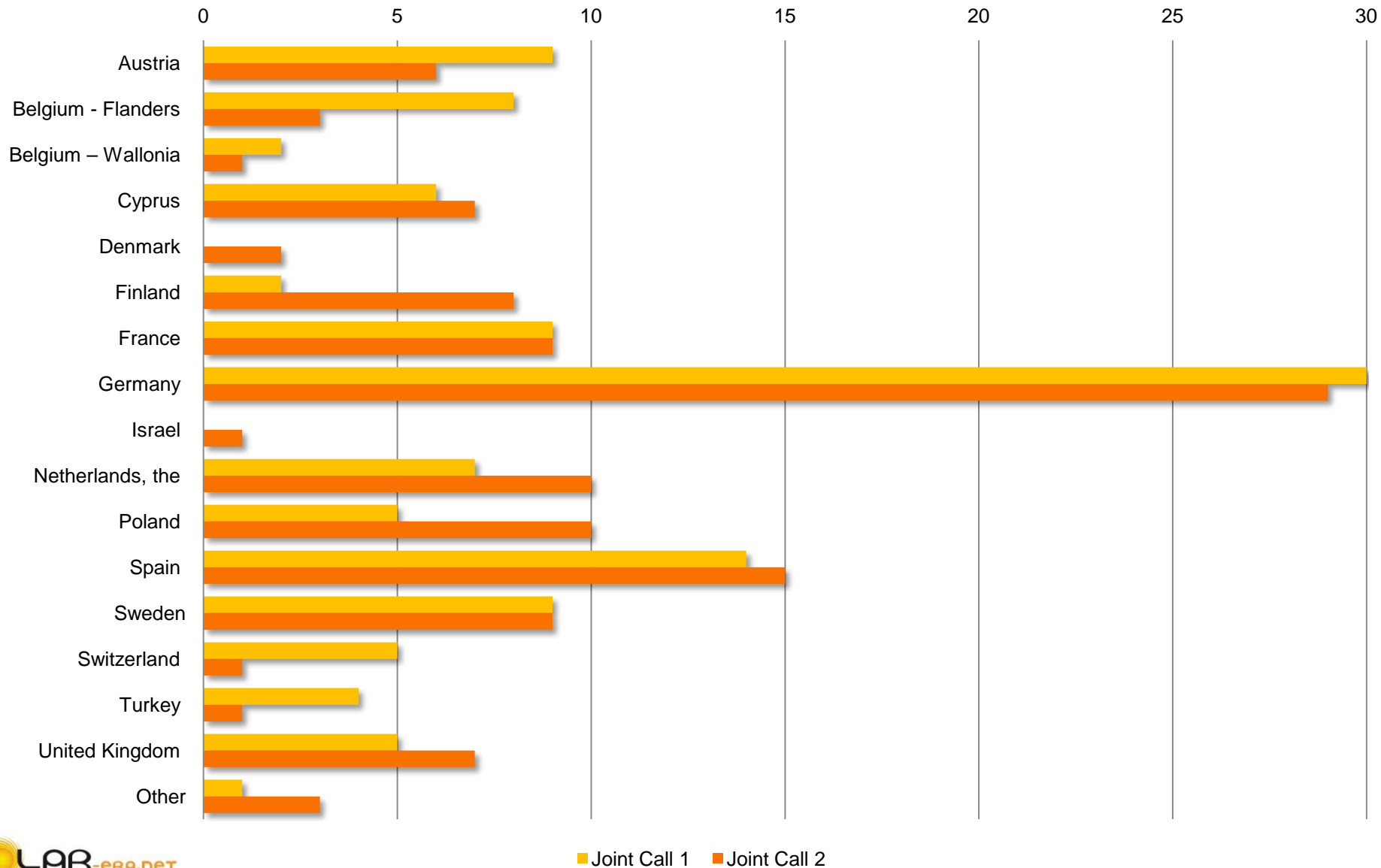


Preproposals

Full proposals

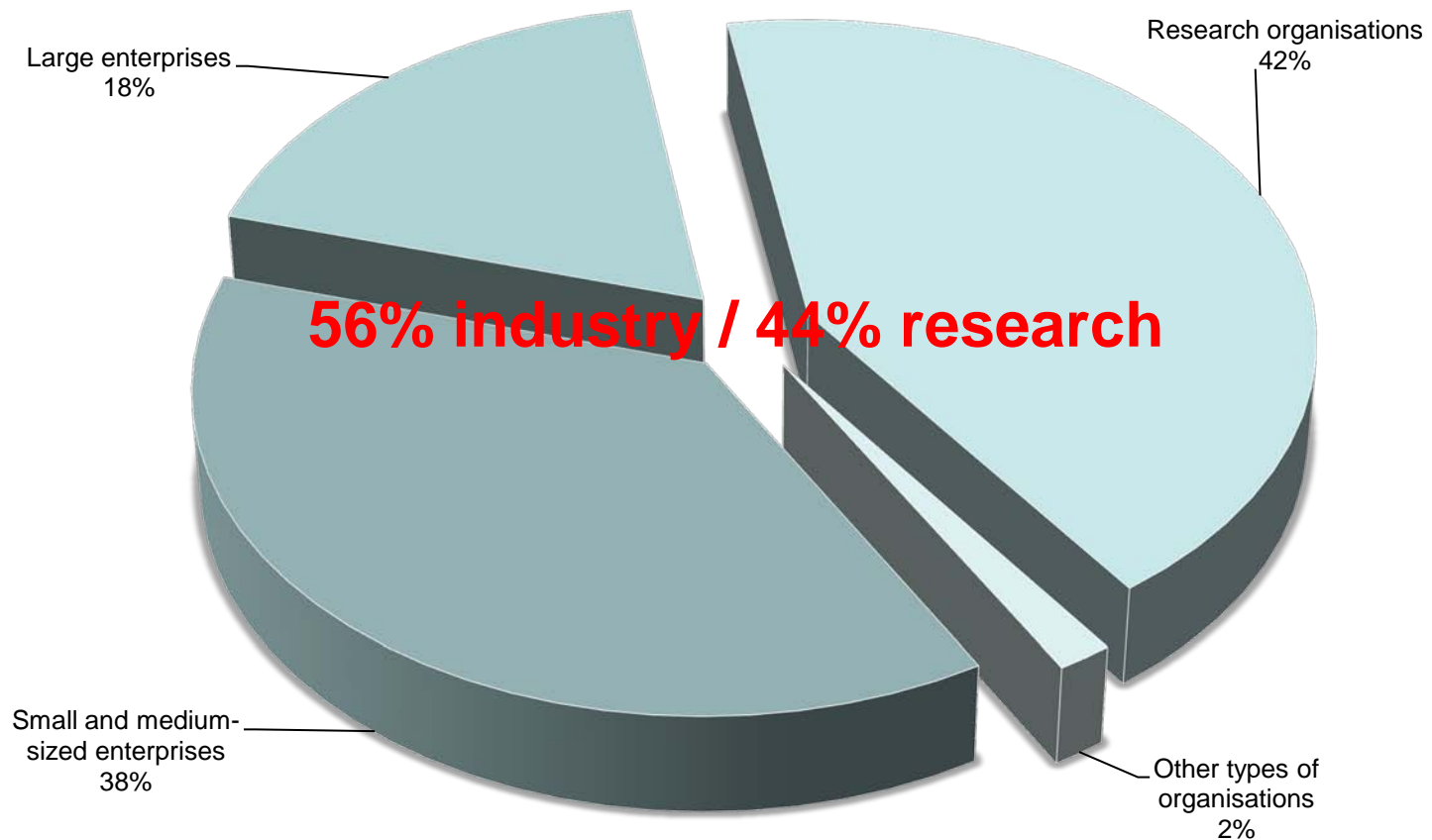
Country spread (1st & 2nd call)

Number of coordinators and partners in full proposals submitted



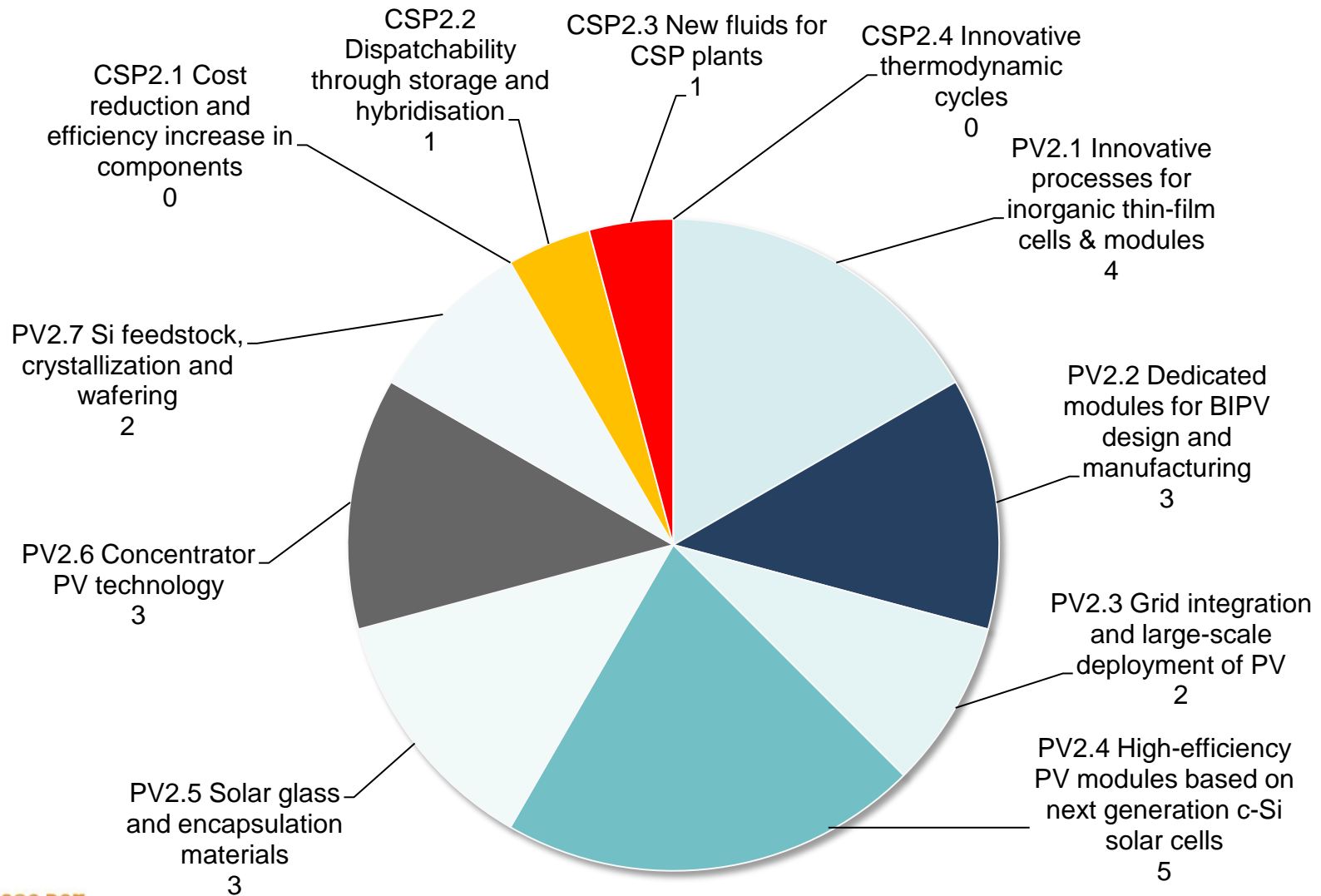
Activities & First Results (2nd Joint Call)

Share of different types of organisations involved in full proposals



Activities & First Results (2nd Joint Call)

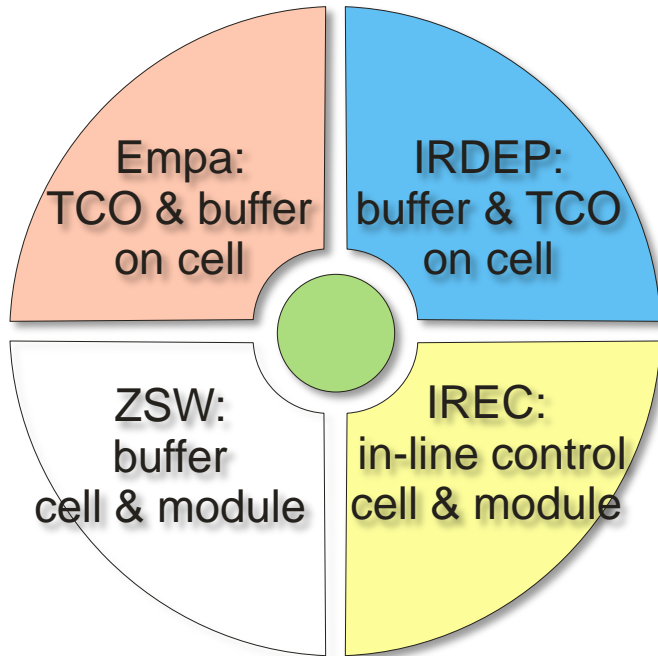
Number of full proposals per call topic



Example

„NovaZolar“ – All-non-vacuum processed ZnO-based buffer and window layers for CIGS solar cell technology

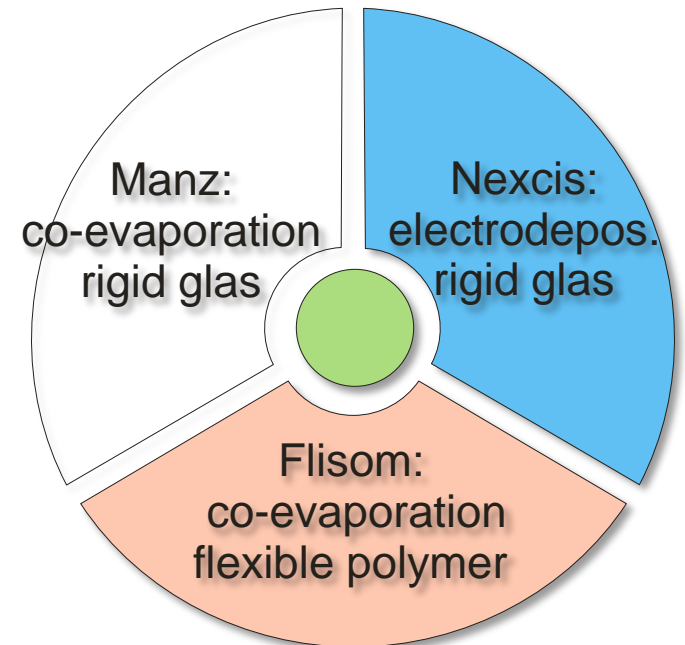
R&D complementarity



National subprojects:

- Switzerland
- France
- Germany
- Spain

Industrial implementation



Conclusions

- Network of relevant funding agencies throughout Europe
- Successful launch of joint calls
- Good / very good interest and participation in joint calls
- Innovative projects and strong partnerships
- Relatively smooth and efficient procedure on transnational level but...
- ... delays in a few but important countries impacting many projects submitted in 1st Joint Call – measures taken to improve the funding decision procedure.

Conclusions

- Extension to further countries and organisations welcome
- Large time window for match-making foreseen for consortia building in preproposal phase
- Better guidance for participants on national level
- Increase of participation of countries and creation of strong and innovative consortia

Provide for

- new industry-led innovation opportunities with
- a transnational procedure as smooth as possible on transnational level and optimised procedures on national level

Outlook

3rd joint call – preliminary timeline

- Pre-announcement in December 2014
- Launch latest in January 2015
- Preproposal by April 2015
- Full proposal by September 2014
- Start of projects end 2015 / early 2016

→ Further information soon on solar-era.net

With many thanks to ...

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Thank you for your attention!



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