



# Outcomes of “Transnational access” projects

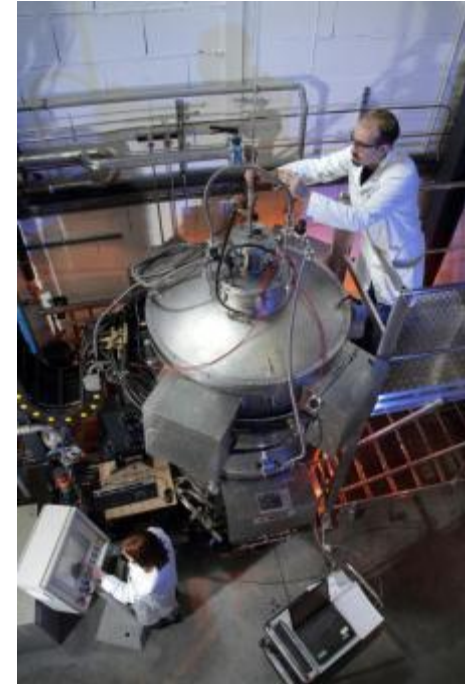
**Fabien BERGERON**

European project Manager

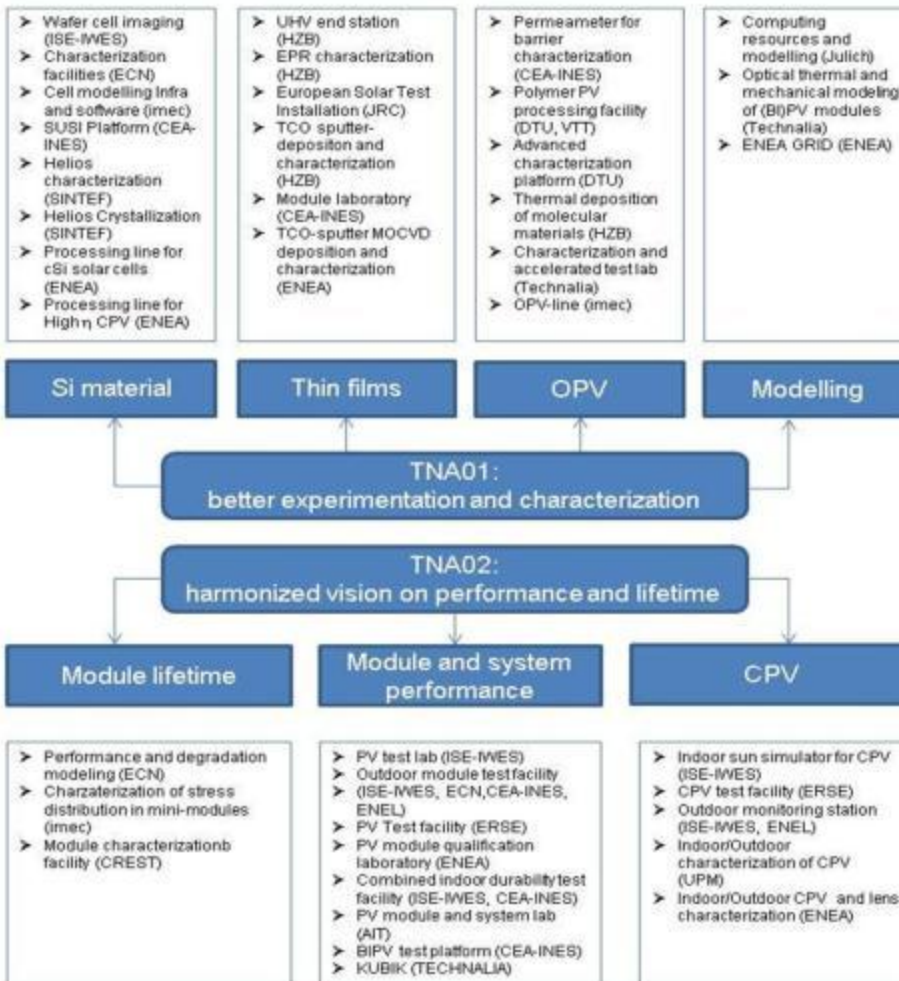
**“Transnational Access “ (TNA) Activities:**  
provide free of charge and open access  
to SOPHIA partners’ research infrastructures  
for researchers (industry/universities/research centers),  
through a single entry point

offering various services:

- Prototyping
- Better characterisation of materials and innovative technologies,
- Performance characterisation and lifetime prediction of PV modules
- Modelling



# Access to 48 European PV “research infrastructures”



## •Process

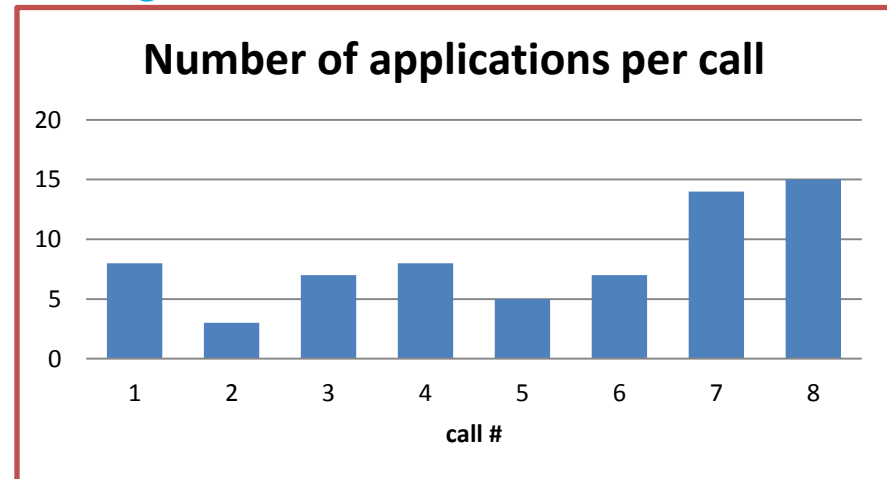
- Launch of successive « calls for research proposals »
- Online application
- Review of submissions by internal and external experts  
↳ *Accepted/rejected*

## •Calls for research proposals

- From January 2012 to December 2014,  
**8 calls** for research proposals were organized

## •Proposals received

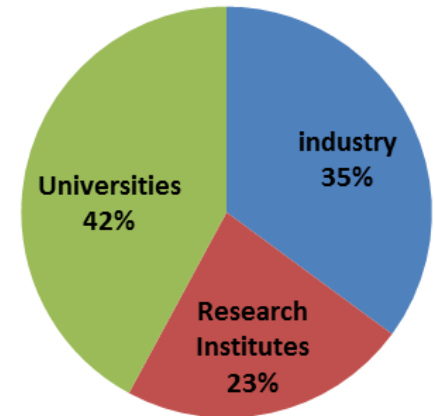
- **67 proposals** submitted in total



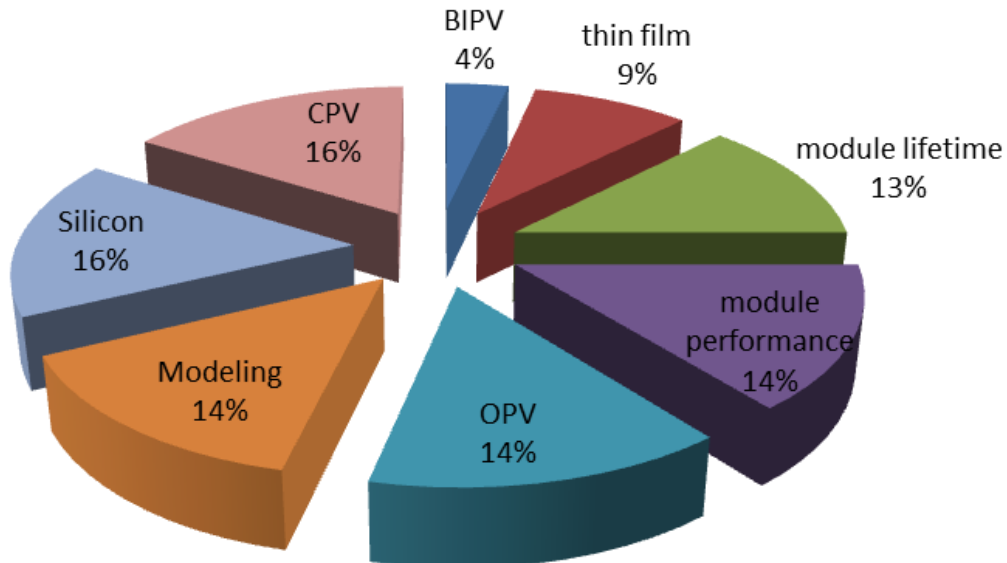


- Applicants
  - balanced between 3 types of users
- Topics addressed
  - The 8 proposed topics are covered by the proposals, but not uniformly

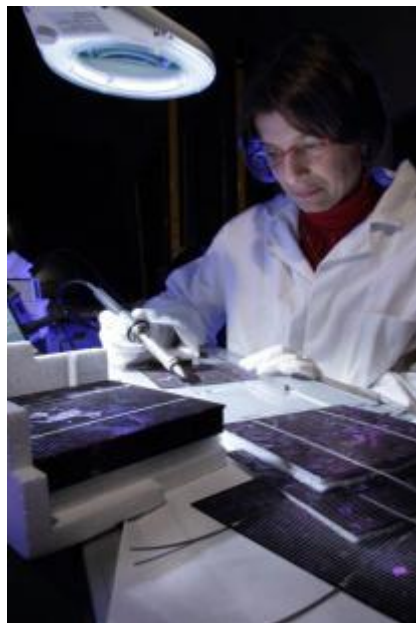
## Types of applicants



## Proposals' topics



- 50 TNA access granted:
  - 5 cancelled by applicant
  - 45 accesses provided



Host infrastructure	# projects hosted
Fraunhofer-ISE	7
CEA-INES	7
HZB	5
IES-UPM	4
CREST	4
Jülich	3
DTU	3
TecNALIA	3
ENEA	2
SINTEF	2
IMEC	1
AIT	1
ECN	1
RSE	1
EC JRC	1
Enel	0
VTT	0

## ● PrOxiTam:

- Description: Water-based Solution Processable Oxides as Recombination Layers for Tandem OPVs
- Proposed by: Catalan Institute of Nanoscience and Nanotechnology (ICN2-CSIC) (S)
- Hosting RI: DTU
- Topic: OPV

## ● CODE RESI

- Description: Correlation of defect luminescence and recombination in multicrystalline silicon
- Proposed by: NMBU (NO)
- Host: Fraunhofer ISE
- Topic: Silicon material

## ● Comcell

- Description: Photoluminescence and spectral response measurements of III-V triple junction devices
- Proposed by: Cyprus University
- Hosting RI: RSE
- Topic: CPV



*Thank you for your attention ...*

*following: illustration with TNA projects*

