



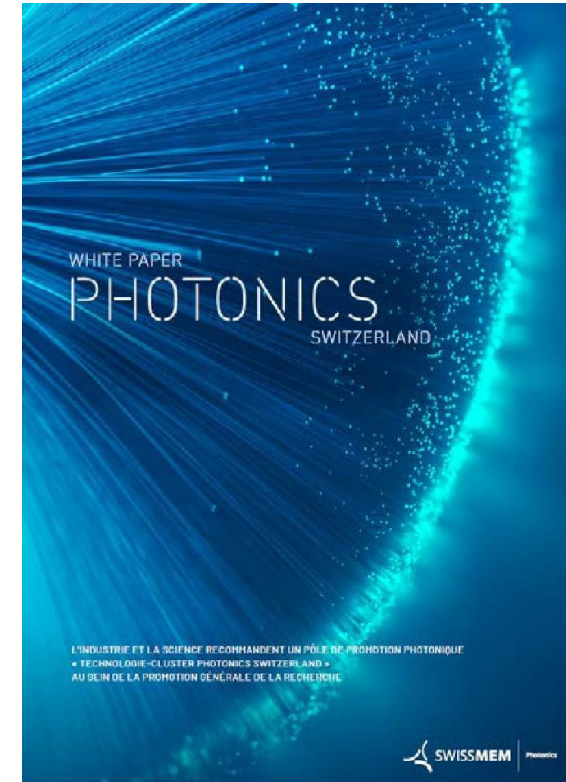
## Funding Opportunities – Swissphotonics Photonics<sup>21</sup> PhotonHub Europe

Christoph Harder

Swissphotonics, President

[www.swissphotonics.net](http://www.swissphotonics.net)

EPHJ, June 16, 2022



# Funding...

**SWISS PHOTONICS**

Search for... Go

Home Events Labs Funding Research Photonics Jobs About

**Mission:** Improve competitiveness of all our members by strengthening the innovation forces to secure and grow industrial workplaces

**Upcoming events**

Wednesday, 04.12.2019	GA 2019, FHNW Brugg-Windisch	For Papers	24. Jan. 2020, Erlangen
Wednesday, 04.12.2019	Public Funding Opportunities, B	astrietag	22. Jan. 2020, BFH Burgdorf BE
Friday, 06.12.2019	Photonics Day 2019, EP	Photonics Online Meetup POM	13. Jan. 2020, online
Tuesday, 28.01.2020	Rheintal Photo	Angewandte Lasertechnik	31. Dez. 2019, Nürnberg D
Tuesday, 28.01.2020	Photo	AM: Monitoring + QM	11. Dez. 2019, Zürich
Thursday, 30.01.2020	asel	bmpn annual meeting	10. Dec. 2019, Uni Bern
Wednesday, 31.01.2020	West 2020, San Francisco	CSEM - LISA mission	November 2019
		MIC Symposium 2019	29. Nov. 2019, Uni Bern

More:  
» current news  
» previous news

**Supported by**

Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra  
Swiss Confederation  
Innosuisse – Swiss Innovation Agency

## Our Members

- 120 Companies
- 30 research labs
- 45 personal members
- + Research organisations and networks

## Our Support

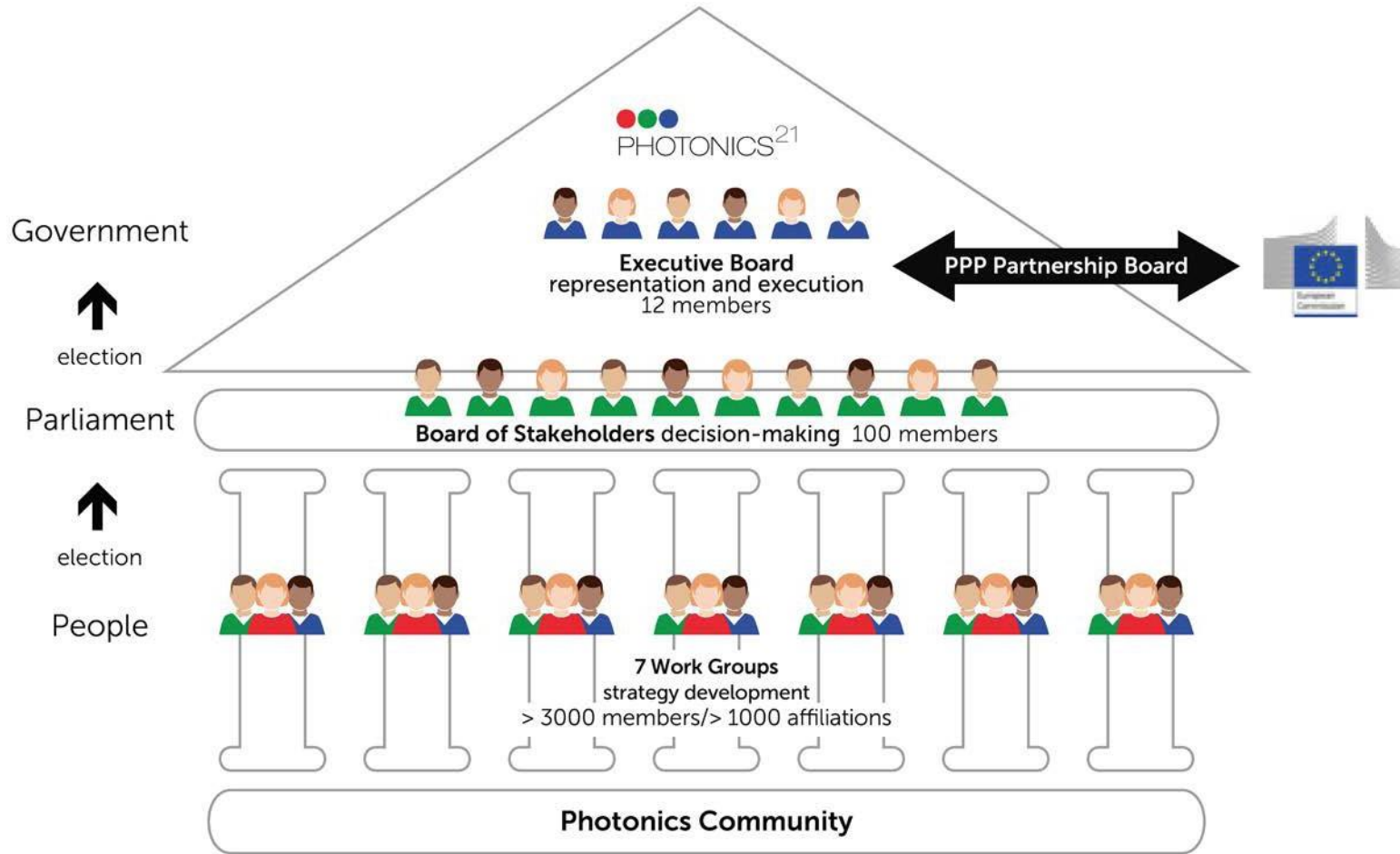
- Workshops
- Submission support (Innosuisse&EU)
- Information about research agendas, platforms & initiatives
- Providing a networking community







# Call topics and Horizon Europe funding



Source: VDI TZ GmbH

## Work Group Topics:

WG1: Digital Infrastructure

WG2: Manufacturing

WG3: Health

WG4: Climate, Mobility & Energy

WG5: Safety, Security, Space & Defense

WG6: Agriculture & Food

WG7: Core Photonics

Annual Meeting on June 30  
& July 1 in Brussels!

## PPP calls:

- Are prepared according to proven repetitive process
  - Starting with consultations
  - Ending in calls

## 7 year funding period: (2021-2027)

- 3 cycles
  - 2\*2years
  - 1\*3 years

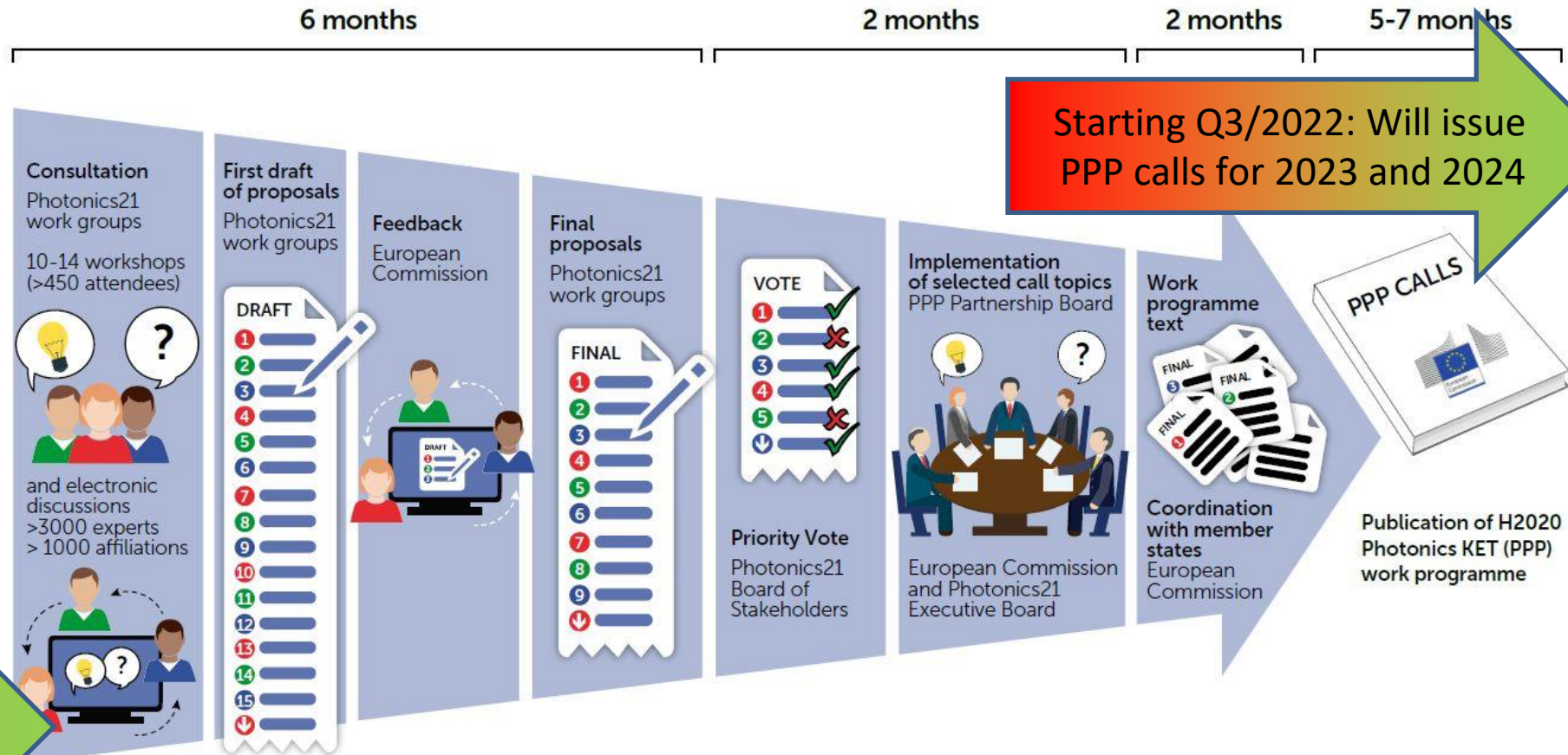
## Important for you:

1. Look for calls in Q3/22
2. Participate in consultation process starting in 2022

2022 annual P21 meeting:  
June 30/July 1, 2022: Prepare  
for working groups

# Horizon 2020 Photonics PPP calls

## Research & Innovation Priority Process



# A Flavour of the *DRAFTED* Photonics Call Topics (2023-2024)

## Roughly 150Mio Euro

- Pervasive photonics - multi-technology integration for digital infrastructure, sensors and internet of things (RIA)
- Advanced imaging and sensing technologies (IA)
- Versatile light sources and systems as tools for manufacturing and medical application (RIA)
- Smart photonics for joint communication & sensing and access everywhere (RIA)
- Photonics Innovation Factory for Europe (IA)
- Photonic Strategies and Skills Development (CSA)
- Advanced Photonics for Health Care (IA)
- Green and efficient lighting for future mobility (IA)

*Possible changes  
No budget and no deadlines yet*





# PhotonHub Europe<sup>®</sup>

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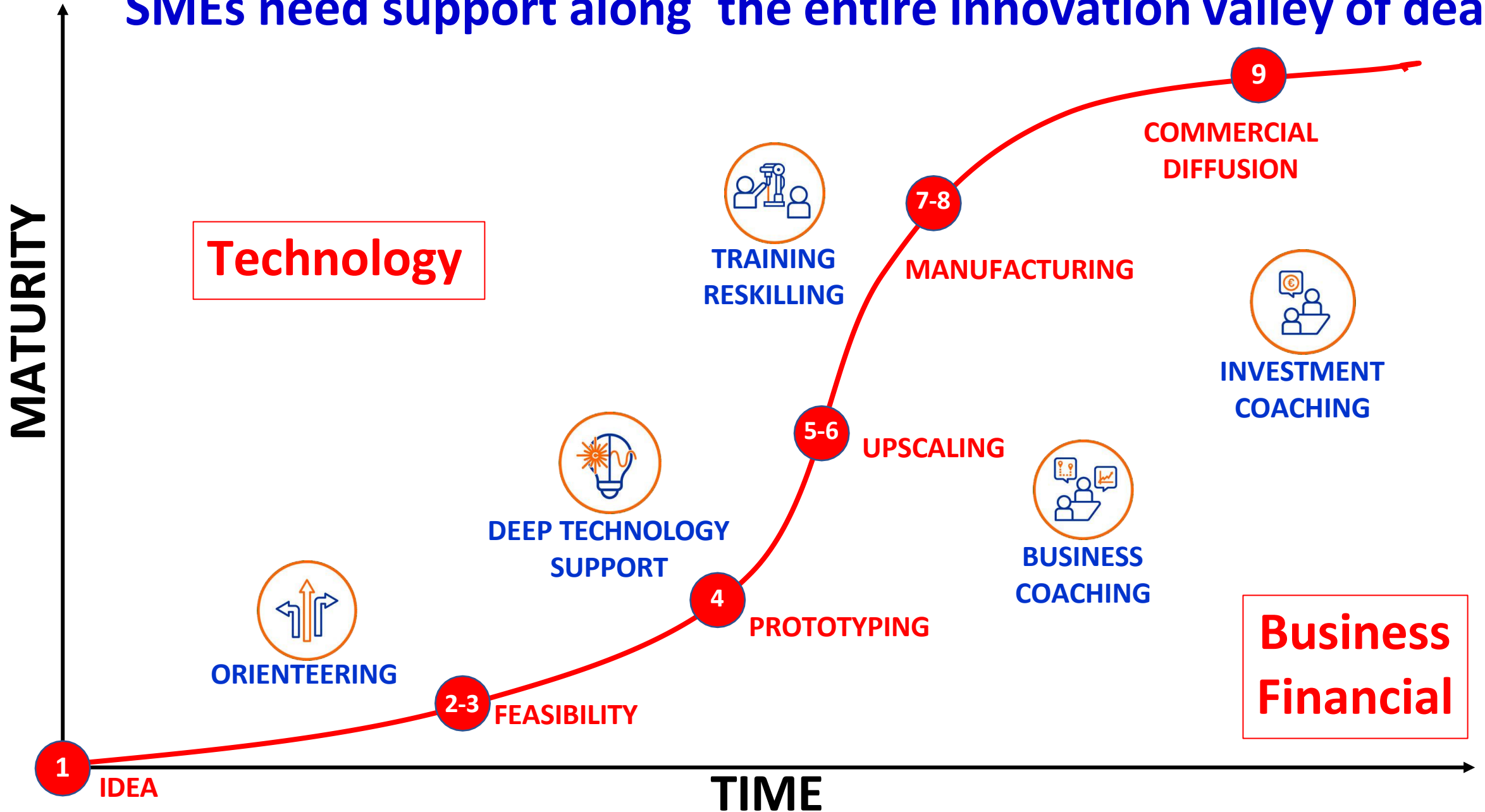
## PHOTONICS INNOVATION HUB FOR EUROPE



PHOTONICS<sup>21</sup>

PHOTONICS PUBLIC PRIVATE PARTNERSHIP

# To successfully innovate with photonics SMEs need support along the entire innovation valley of death



# A Pan-European One-Stop-Shop Photonics Innovation Hub

**PhotonHub Support Activities**



Orienteering



Training  
& Reskilling



Deep  
Innovation  
Support

**TRL 3-8**



Business  
Coaching



Investment  
Coaching



Regional  
Support



**PhotonHub  
Europe®**

PHOTONICS INNOVATION HUB  
FOR EUROPE



**Budget: 19 M EUR**  
**Start: 1 Jan 2021**

**register your interest**

**orienteering**

**Training**



**intro to photonics**

**training catalogue**

**demo centers**

**hands-on  
experience**

**trainers**

**Deep Technology Support**



**first level technology  
and business coaching**

**deep technology  
support TRLs 3-8**

**impact**

**Business and Financial Coaching**



**investment readiness  
coaching**

**matchmaking  
support**

**photonics  
venture forum**

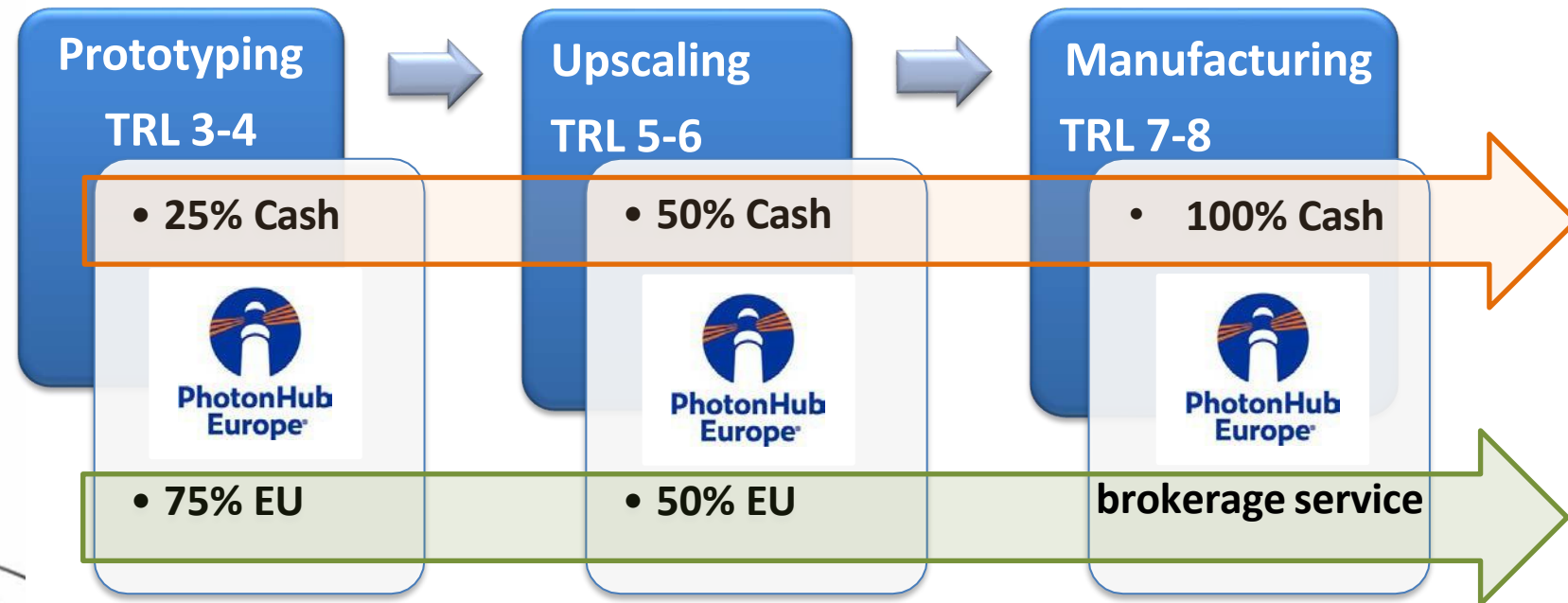
**investor  
days**

**IP  
support**

# Focus on Deep Innovation Support to European Companies SMEs and LSC, from TRL 3 to TRL 8



**Projects are subsidized  
only when Cross-Border**

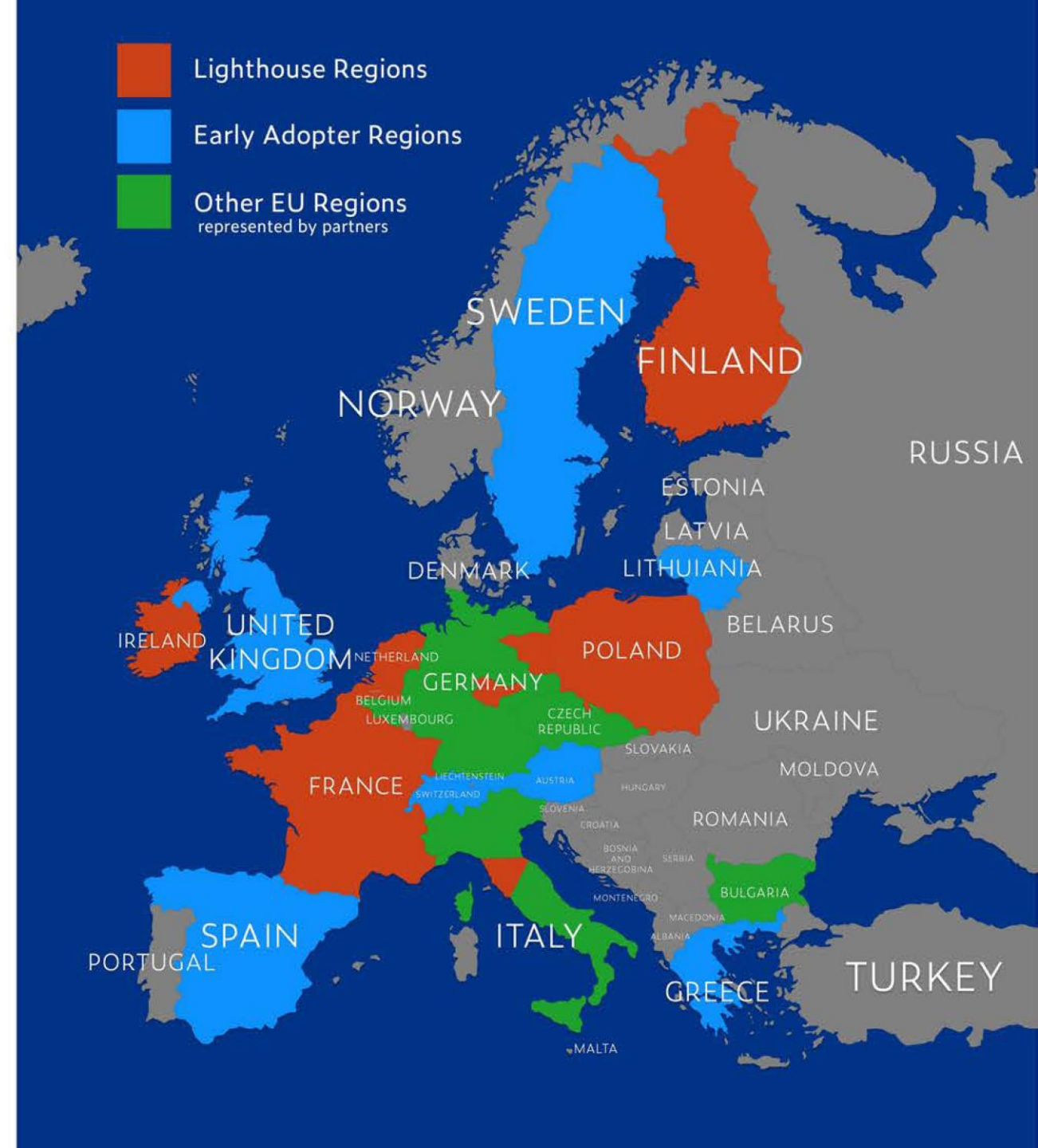




**PhotonHub  
Europe®**

**500+ EXPERTS**  
**15 MEMBER STATES**

**36 Technology Support Partners**  
**20 Local Photonics Hub Partners**  
**+6 Business Support Partners**



# PhotonHub Europe Key Principles

- e Support European SMEs with photonics innovation **driven by their business needs**
- e Local support where possible, **local innovation projects funded by local means**
- e Cross-border support where needed, **cross-border projects funded by PhotonHub**
- e Access to pilot-line facilities for first-time users funded through **cascading funds**
- e Team up and co-fund as much as possible with existing programs: **EEN brokerage events, Innovation Days, Trainings, Venture Capital Forums**



**PhotonHub  
Europe®**

**Join the community**



PHOTONICS PUBLIC PRIVATE PARTNERSHIP

**PHOTONICS<sup>21</sup>**

**PHOTONHUB.EU**





# Photonics call 2022

for mult lateral R&D&I project proposals

addressing

next generation integrated photonic sensing

supported by

Austria, Belgium-Flanders, Denmark, Finland,  
France, Germany, Ireland, Poland, and Switzerland

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R&D project applications under this call can be submitted  
between 14 April 2022 and 27 June 2022.