



PhotonHub Europe[®]

PHOTONICS INNOVATION HUB FOR EUROPE

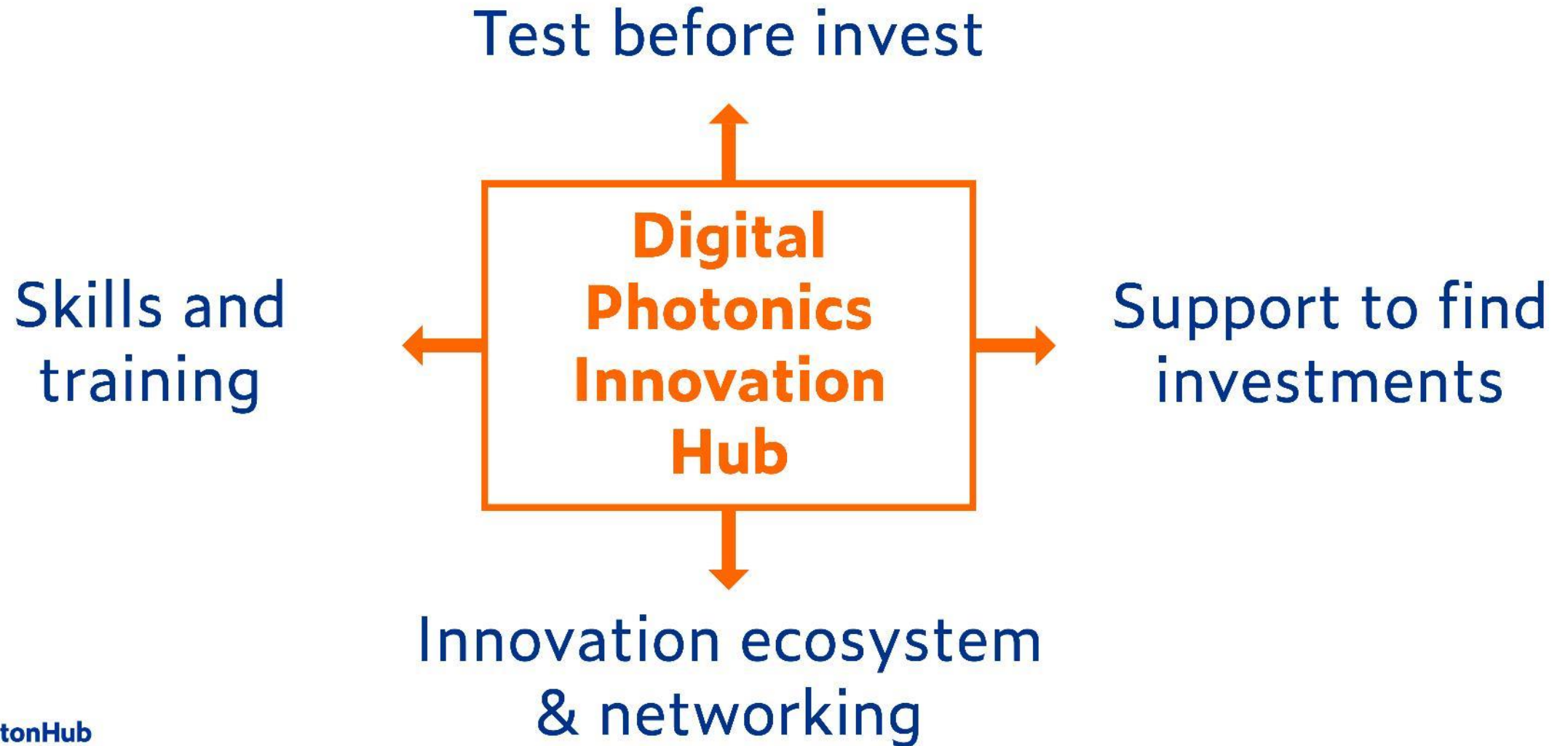
Mikko Karppinen / VTT – EPIC Pilot Lines event @ Photonics West, 31 Jan 2023



 PHOTONICS²¹

PHOTONICS PUBLIC PRIVATE PARTNERSHIP

Single One-Stop-Shop



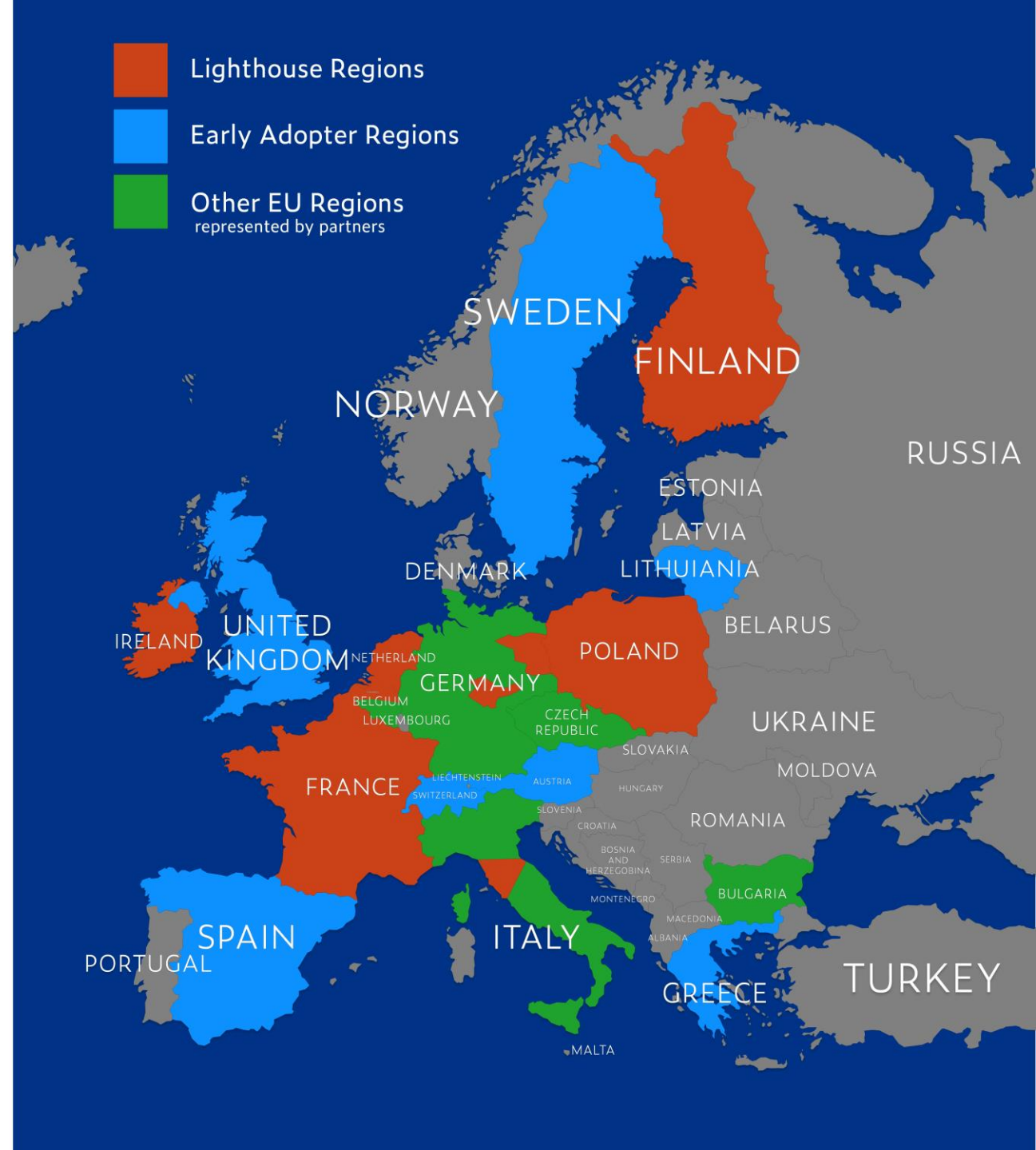


**PhotonHub
Europe®**

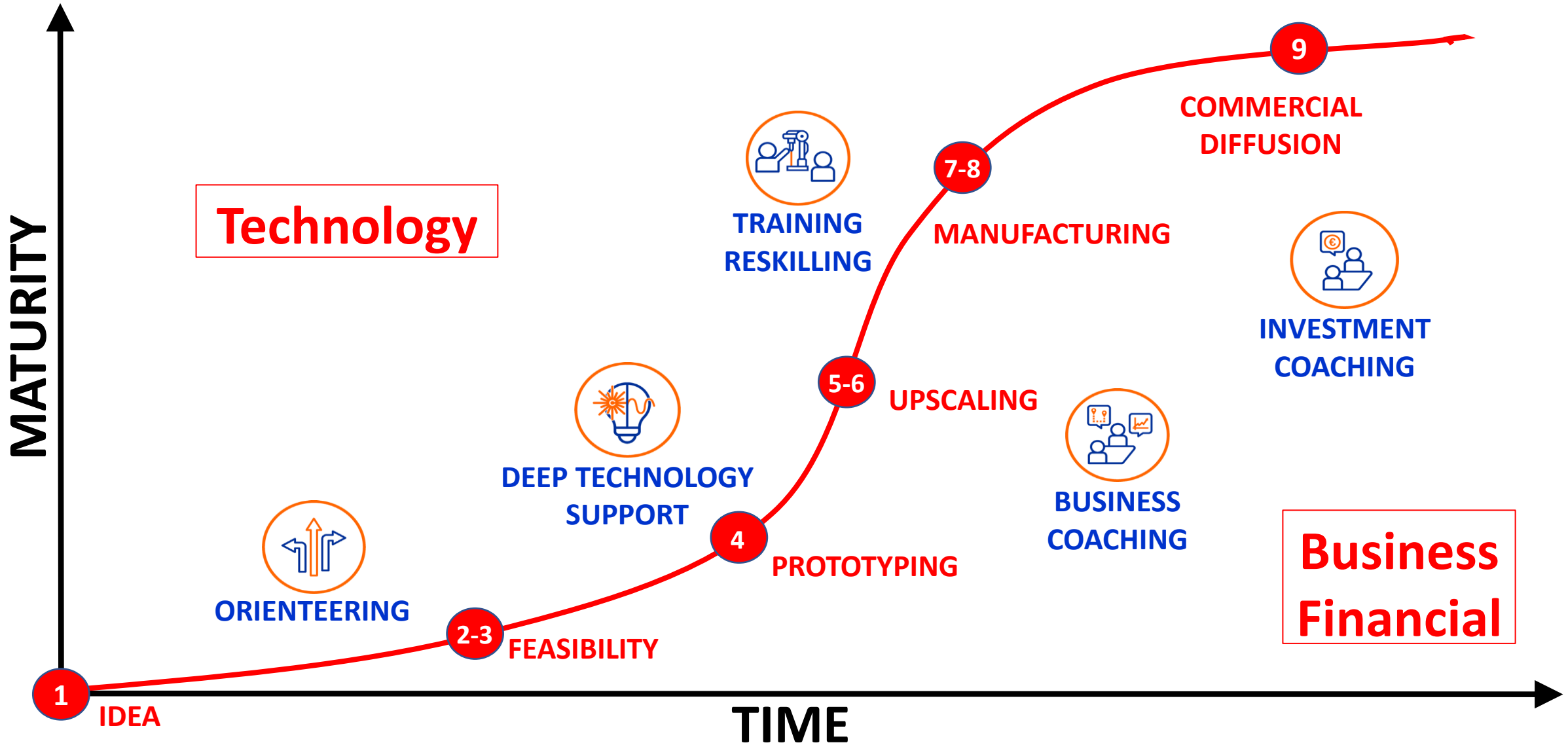
500+ EXPERTS

15 MEMBER STATES

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



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



- We offer General Introduction to Photonics for SMEs, First users and Early Adopters
- We welcome you at our Demo Centres and Experience Centres
- We provide an online Catalogue of Existing Training Offerings
- We offer Train-the-Trainers Programmes for Professional and Vocational Training Centres

PhotonHub Support Activities

TRAINING & RESKILLING



**We provide Accelerating Technology Innovation Support
for companies from Prototyping to Upscaling and Manufacturing**

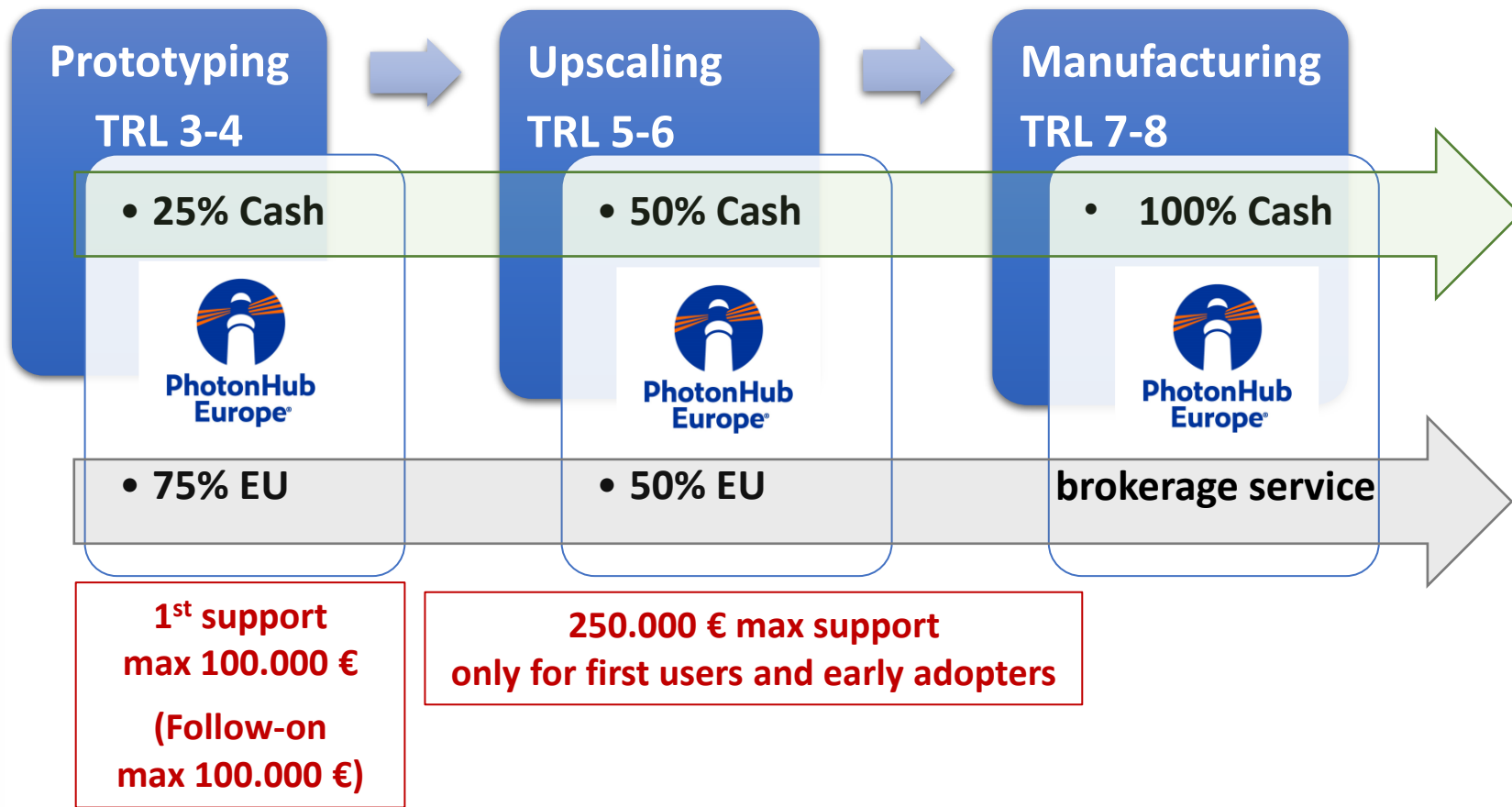
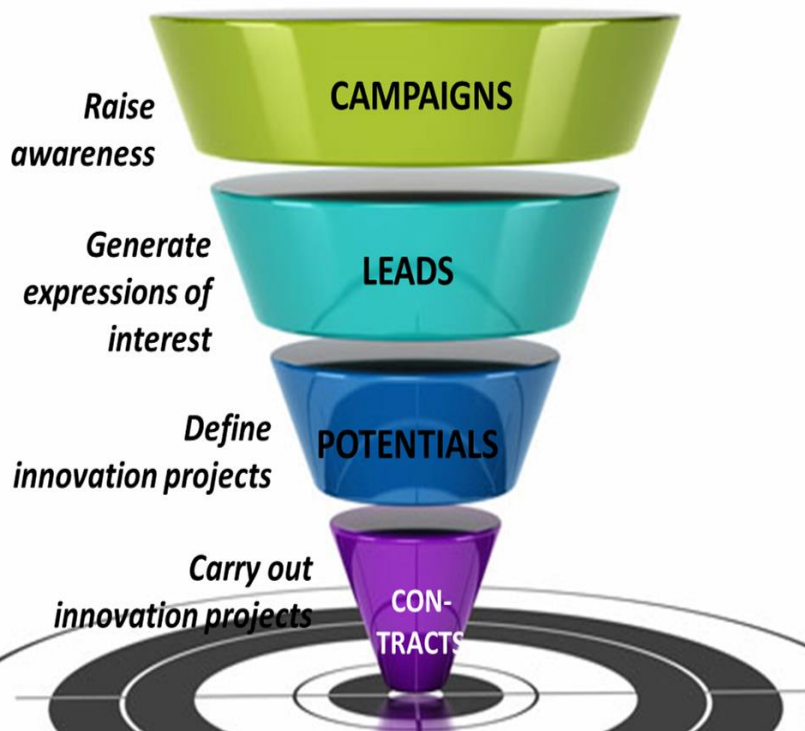
- **Prototyping through Innovation Projects TRL3-4**
- **Upscaling involving EU Pilot-Line Facilities TRL5-6**
- **Manufacturing in Europe TRL7-8 through Brokerage**

PhotonHub Support Activities

**DEEP INNOVATION
SUPPORT**



Providing Deep Innovation Support – continuous open calls



Projects are subsidized only when Cross-Border and for European company

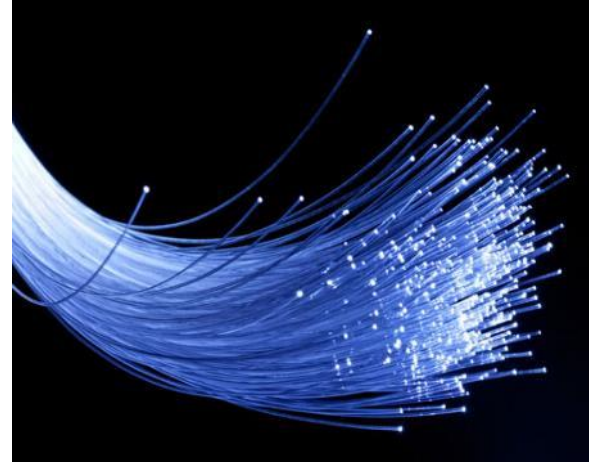
Prototyping Innovation Support Offered by 8 Platforms



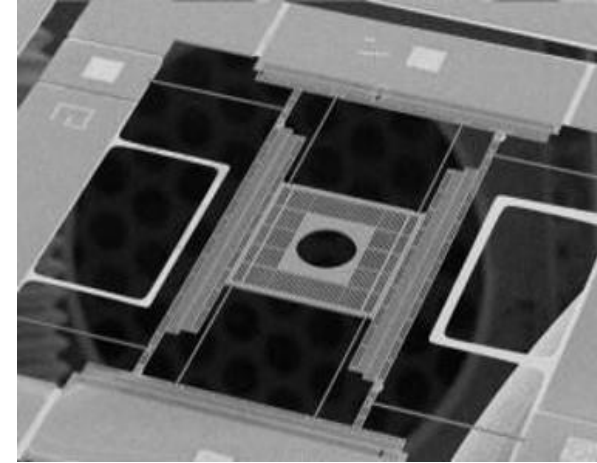
Free-space optics
and components



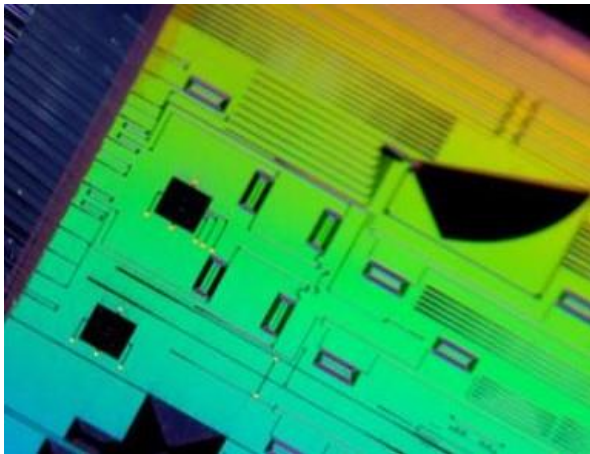
Polymer-based optics



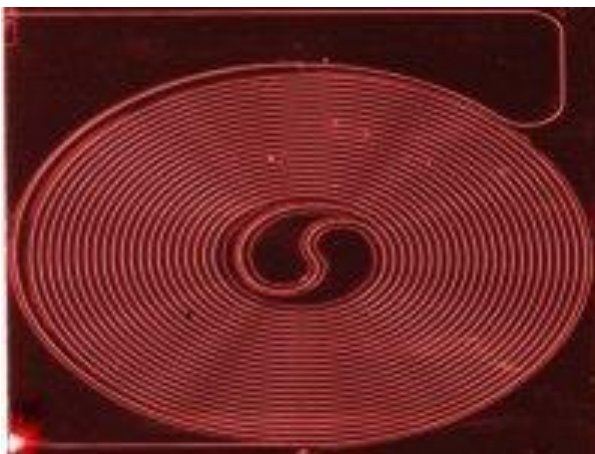
Specialty fibers



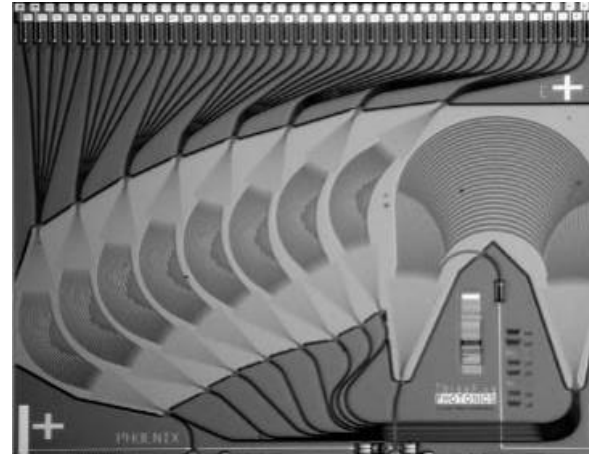
MOEMS



Si PICs



SiN PICs



InP -PICs



Laser-based
manufacturing

Support European Companies to Find Investment



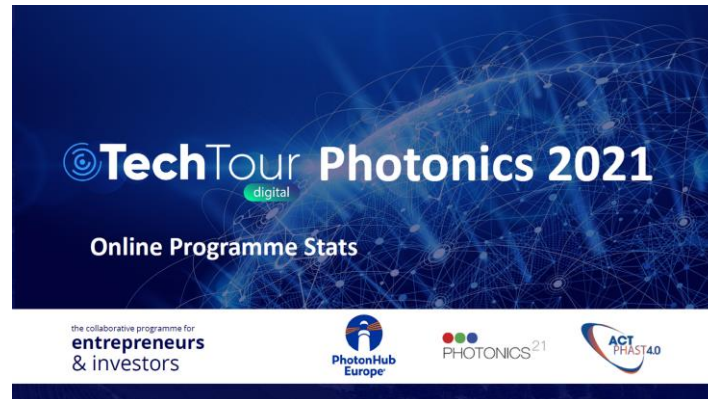
Investment
and
Business
Coaching



First-Level Investment-Readiness Coaching
for Companies Deploying Photonics Technologies



Intensive Investor Pitching and Matchmaking Support
for High-Potential Start-Ups and Scale Ups



Running the “European Photonics Venture Forum”
for photonics start-ups and scale-ups



Running the “Investor Days”
for photonics-enabled start-ups and scale-ups



- We Create New Local Photonics Innovation Hubs Covering Most Regions of Europe
- We Connect the PhotonHub Network with complementary Digital Innovation Hubs



PhotonHub Support Activities

REGIONAL SUPPORT



- You can meet us
 - At Industry Exhibitions
 - At Industry Brokerage events
- You can contact our one-stop-shop Front Office Gateway in Brussels

PhotonHub Support Activities

ORIENTEERING



TARGETED ECONOMIC IMPACT



5,800 companies visiting the
Demo and Experience Centres



170 new photonics-enhanced products
developed and manufactured in the EU
directly linked to innovation support



€742M new company revenues
directly linked to innovation support



€100M new business for EU
photonics manufacturers directly
linked to innovation support



€129M new venture and growth capital
raised by EU start-ups and scale-ups
directly linked to PhotonHub Europe support



1,080 new high-tech EU jobs
directly linked to innovation support



**PhotonHub
Europe®**

Join the community



PHOTONICS²¹

PHOTONICS PUBLIC PRIVATE PARTNERSHIP

PHOTONHUB.EU