Photonics21

ETP and co-programmed PPP

A success story of collaboration with the EC

- WP priorities are discussed within the Work Groups of Photonics21, the Programme Steering Board and the Executive Board
- From private side they are agreed by the Photonics21 Board of Stakeholders
- Priorities finally get submitted after alignment of the public and private side in the Partnership Board (Photonics21 Execom + EC CNECT.A.3.002*)

*European Commission > DG CONNECT > Artificial Intelligence and Digital Industry > Microelectronics and Photonics Industry > Photonics Partnership

PHOTONICS 21

Photonics21 – SRIA and WP Basic Timing

Starting our new Photonics Partnership Strategy Process for a new SRIA

Annual Meeting 2022 Kick-off Strategy Process

Strategic Workshops: Work for new SRIA

Publishing new SRIA in Spring 2023

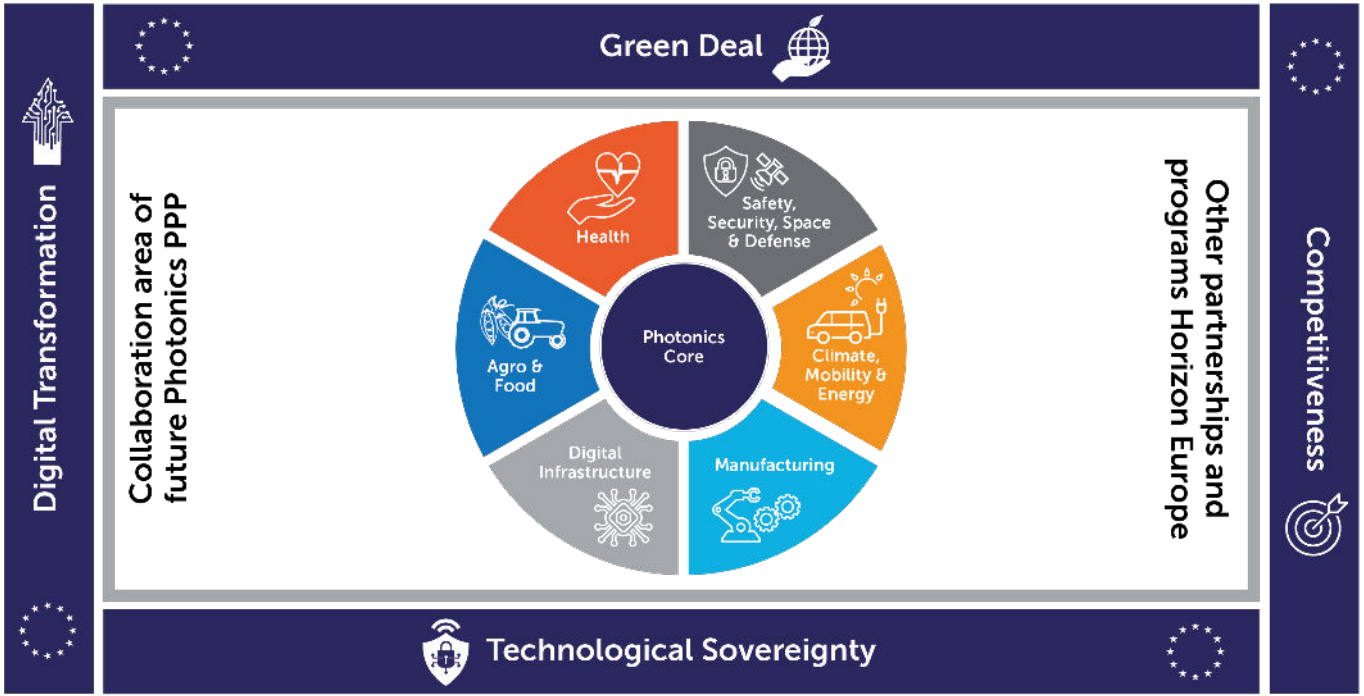
Set Priorities for WP 2025 – 2027

Proceed with Calls from WP 2025-2027

PHOTONICS21

Photonics21 Partnership Strategy in the frame of EU Objectives

Indispensable technology to make the visions and missions of the EU Commission a reality



PHOTONICS 21

Our Set up for Cooperating with other Partnerships, Missions & Programme areas of the Horizon Europe

[Partnership: Innovative Health Initiative]

Horizon Europe Programme: Health

Mission: Cancer

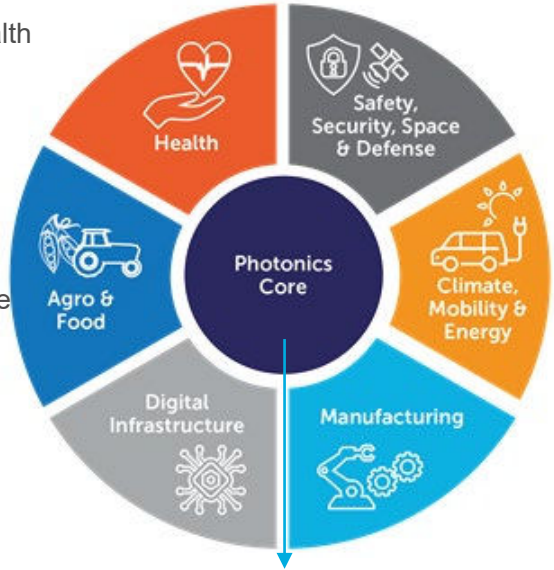
Partnership: Agroecology "Sustainable Food Transition"

Mission: A Healthy Soil for Europe

Mission: Restore our Ocean and Waters

Partnership: Smart Networks & Services

EU Mission Smart Cities



Partnership: KDT / Chips

Horizon Europe Programme: Quantum Flagship

Partnership: Globally Competitive Space Systems

Partnership: Cooperative, Connected and Automated Mobility (CCAM)

Mission: Adaptation to Climate Change

Partnership: Made in Europe

Partnership: AI and Robotics (formerly BDVA and Robotics PPP)

Photonics Topics – WP2023/4

No	Section	Topic title	Type
1	DE 01-51	Pervasive photonics - multi-tech integration for digital infrastructure, sensors and internet of things	RIA
2	DE 01-52	Advanced imaging and sensing technologies for agriculture and food monitoring, medical, security, manufacturing, automotive et al.	IA
3	DE 01-53	Versatile light sources and systems as tools for manufacturing, medical and defence	RIA
4	DE 01-54	Smart photonics for joint communication & sensing and access everywhere	RIA
5	DE 01-55	Innovation Factory (multi-tech supply chain)	IA
6	DE 01-56	Photonic strategies and skills development	CSA
	TT 01-02	Innovative, flexible and individualized manufacturing **[joint topic with 'Made in Europe']**	RIA
	DE 01-47	Quantum PICs **[joint topic with quantum flagship]**	RIA
7	See cl.1	Advanced photonics for healthcare **[synergy with cluster 1 … TOOL- 5.05]**	IA

Project synergies and partnership tools: sharing and communication

Direct involvement of all members and national platforms;
Yearly annual meeting and WG workshops;
Project dissemination (website, dedicated conference sessions).

- **E-mail: secretariat@photonics21.org**
- **Photonics21 Website: www.photonics21.org**
- **Photonics Reports: Photonics Downloads | Photonics21**
- **Photonics Projects : https://www.photonics21.org/ppp-projects/**
- **Photonics News: https://www.photonics21.org/news/**

PHOTONICS 21