

Photonics 21

- European platform, established at 2005, in order to promote photonics activities within the European countries.
- PPP- Public Private Partnership : European commission, industry, Academia / institutes
- 3500 members, 1800 organizations

Photonics 21

Mission Statement

- Foster photonics manufacturing, job and wealth creation through long term investment commitments by industry and EC
- Accelerate Europe's innovation process and TTM by addressing the full innovation and value chain in markets such as: lighting, medical photonics, and optical components & systems.
- Mobilize, pool and leverage public and private resources to provide successful solutions to European challenges such as healthcare & wellbeing and energy efficiencies

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Strategic goals – 2030

- Instant diagnosis of major diseases
- Quality food from farm to fork
- Accident and congestion-free road transport
- A truly circular economy
- A million new jobs
- 10% higher productivity
- Zero downtime in a terabit economy
- Photonics as a flagship science for innovation

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Photonics 21 sub-groups:

- Information and communication
- Industrial manufacturing & quality
- Life science and health
- Emerging lighting, electronics and displays
- Security, metrology & sensors
- Design & manufacturing of components & systems
- Photonics research, education & training
- Automotive and transport
- Agriculture & food

Photonics 21

For registration

Photonics21.org/membership/

Photonics clusters – Platforms for cooperation

- Dozens of clusters at national or regional level around the world
- Objectives are to promote photonics activities in countries and enhance international cooperation.
- Cluster's meetings at different channels and occasions.
- Photonics Israel established working relations with few Europeans and US clusters
- Special relations with Optech-BB (Berlin) and Optonet (Thuringia).
Ten meetings between German and Israeli industries were organized jointly in the last two years
- Global Photonics Alliance – an umbrella organization