



**Polska Platforma
Technologiczna Fotoniki**

Cluster of Polish Photonics and Microelectronics

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Polish Technological Platform on Photonics

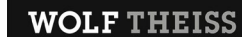
- Coordinating the Microelectronics, Electronics and Photonics Cluster
- Integrating industry, R&D and academia
- Supporting business development, R&D, education & training
- Recognised partner for regional, national and EU agencies (member of regional and national permanent consulting bodies, member of Photonic21 Association)
- Active in European industry and R&D networks (member of Board of Stakeholders Photonic21, ECCP, ENDR, partner of PhotonHub Europe)

I3R - services for ecosystem

- **Integration**
of industry, research and academic actors

access to valuable
- **Information**
- **Inspiration**
for business and research cooperation
- **Representation**
before national and European public agencies

Members



Activities

selected

- MSPO 2022, Kielce
- Laser World of Photonics 2022, Munich
- Czech-Polish Photonics 2023, Ostrava
- *Photonics 4 Defence* workshop, Kielce
- OpTecBB delegation, Warsaw
- Taiwanese semicon industry delegation, Wrocław
- 2nd International Photonics Job Fair, Warsaw



Teamwork

Some PPTF partners
across Poland and
Europe



Polish Photonics and Microelectronics

Birds-eye view

- 6 major academic hubs (10+ universities)
- 6 research institutes
- Listed as National Smart Specialisation
- 250+ companies nationwide (90% of SMEs)
- Manufacturing: materials, components, devices and applications
- Design- and software-houses (500+ employees in chip design)
- Export-oriented, Top 3 markets: Europe, USA & Canada, Asia



Technologies

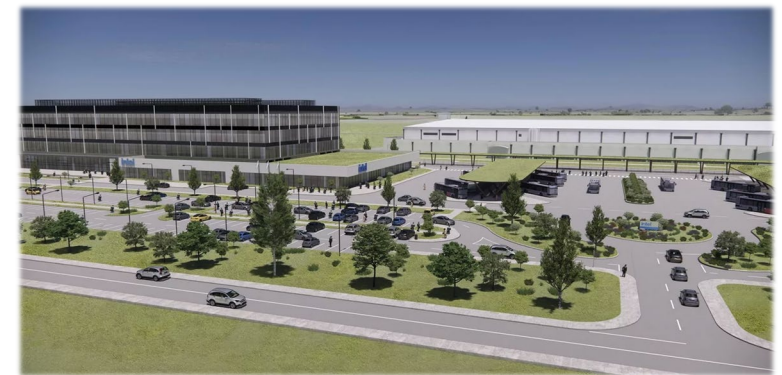
(selected)

- Materials and components:
 - GaN, SiC, III-V, graphene, OLED and PV materials, quantum dots, photonics crystals
 - IR detectors, blue diodes, quantum cascade lasers
- IC and PIC design-houses, MWIR PIC technology
- Special applications optics and thin film coatings
- Printable semiconductors
- Industrial femtosecond lasers
- Specialty optical fibers, soft glasses
- Optical metrology devices and systems



Recent announcements

- VIGO Photonics
Photonics integrated circuits plant, Warsaw area
- Intel
IC assembly and testing plant, Wrocław area
- European Chips Act
Approved – more investment planned



More reasons to cooperate

- Experienced partners of international industry (incl. Taiwanese)
- Highly skilled talents
- Large market for semiconductor & electronics
- Favourable political momentum
- "Fast-moving" and "appetite for success" attitude



See you next week!

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Thank you for listening –
What can we do together?



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