



EUROPEAN NETWORK OF
DEFENCE-RELATED REGIONS

Polish Technological Platform on Photonics (PPTF)

Ożarów Mazowiecki / Cluster

Advanced materials, Aerospace, Cybersecurity, Electronics, ICT, Photonics

Polish Technological Platform on Photonics (Polish: Polska Platforma Technologiczna Fotoniki - PPTF) is an employers association of the Polish photonics, microelectronics and quantum industry. The role of PPTF is to integrate, provide information and inspire to cooperation the community of businesses, research institutions and academia. Our members are technology creators, developers and manufacturers, active in the interconnecting areas of photonics, microelectronics and quantum technologies.

The offer and expertise of our member organisations cover almost entire spectrum of photonics, microelectronics and quantum, to include: lasers, IR detectors, fiber optics, optical elements, displays and lighting, optical sensors, photovoltaics, optical metrology, 3D printing, 3D scanning, quantum computing, quantum communication and cryptography, semiconductors, medical diagnostics, machining of metals and other materials, environmental monitoring, gas detection, weapon guidance systems.

Based near Warsaw, PPTF is a country-wide cluster - with numerous links to Europe and world. PPTF members constitute a diversified community. There are global market leaders, established industrial players, universities, research institutes and dynamic startups. Some of our members are well established in the national, European and global defence industry value chains.

PPTF is representing Polish photonics, microelectronics and quantum industry before national authorities as well as EU institutions. We are actively participating in cooperation projects at the regional, national and European levels. PPTF is a member of European technology platform Photonics21, SPIE, associate member of Photonics21 association and a national hub of PhotonHub Europe.

PPTF is also a coordinator of a national Cluster of Microelectronics, Electronics and Photonics established in 2023.

<https://pptf.pl/en/pptf-2/>