



PhotonDelta
Gateway to Integrated Photonics

PhotonDelta

PhotonDelta is an ecosystem of organizations that researches, designs, develops, and manufactures solutions with integrated photonics.

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Integrated photonics is a technology that harnesses the power of light to create energy-efficient, faster, and more accurate microchips. The combination of semiconductor chips and photonic microchips offers a sustainable solution to society's energy consumption and technological challenges such as the expansion of 5G data networks and data centres, safer autonomous driving vehicles, and more efficient food production.

Connecting pioneers in the field with investors, and viable markets, PhotonDelta helps to take the industry forward with funding, investments, R&D initiatives and industry roadmaps. PhotonDelta is located in the Netherlands, a country positioned at the very forefront of integrated photonics that connects and collaborates around the world.

The Dutch government has recognized the technology as one of the most promising technologies for the Netherlands and gave PhotonDelta the green light in 2018 for the implementation of the National Plan for Integrated Photonics. In May 2022, PhotonDelta's proposal for the Dutch National Growth Fund was successfully awarded €1.1 billion to fuel this six-year initiative to cement and expand the country's position in integrated photonics.