

## Photonics recognised as vital to UK in new Innovation Strategy: Opening £42.4m investment to Northern Ireland Smart Nano NI.

The new UK Innovation strategy has identified photonics, quantum and electronics as one of seven key transformative technology families essential for future UK prosperity.

With future investments to be decided by the New National Science and Technology Council, chaired by the Prime Minister, the critical role of photonics and the strength of this £14.5bn industry is highlighted in the strategy. Alongside, £42.4 m has been awarded to [Smart Nano NI](#) industry academic consortium to innovate next generation solutions for medical devices, communication and data storage.

The funding, which has been awarded by the UK Research and Innovation's (UKRI) Strength in Places Fund recognises the strength of North Ireland's capability and presents a game-changing opportunity for the UK manufacturing to scale up capacity in device manufacturing and develop hundreds of jobs across the sector. The total project value, including leveraged funding from industry is £63.9m.

The APPG in Photonics and Quantum will look forward to debating the impact and implementation for the strategy in [forthcoming meetings](#) including an onsite visit to the photonics community at PHOTONEX in Glasgow in September.



To support the photonics companies, whose international reputation means many export over 80% of what they manufacture, and the UK's burgeoning quantum industry in your constituency, and get the latest industry briefings please engage with the APPG via Carol Monaghan, MP, and/or contact [appg@photonicsuk.org](mailto:appg@photonicsuk.org)

"**Photonics**" includes the sciences, techniques and products that generate, transmit, process and capture light of all types. "**Quantum**" technology, includes quantum communications, quantum imaging, quantum computing and cryptography leveraging superposition and entanglement phenomena.

SPIE Europe Ltd is the Secretariat for the  
APPG on Photonics

For more information, visit our site: <https://photonicsuk.org/appg-photonics>.

To unsubscribe, please send an email with Subject "Unsubscribe" to [appg@photonicsuk.org](mailto:appg@photonicsuk.org).