Irish start-up PixQuanta joins the European Space Agency (ESA) Business Incubator at Tyndall

PixQuanta, a company that improves the range and accuracy in 3D automotive LiDAR, has joined the Tyndall National Institute-led business incubator at the European Space Agency (ESA) Space Solutions Centre Ireland.

PixQuanta’s technology can also significantly improve the performance of current healthcare X-ray imaging systems. Funding from ESA will allow PixQuanta to increase the overall technology readiness level of its platform technology.

The CEO of PixQuanta, Kevin O’Neill, said: “We are delighted for PixQuanta to join the ESA-BIC to develop our exciting photodiode technology for space applications. The support provided through ESA-BIC, together with the access to substantial funding available through ESA contracts, enables us to leverage Tyndall's technology expertise to achieve the highest performing and safest 3D-LiDAR solution with the lowest power, highest reliability, and all at the lowest possible cost.”
Manager of ESA Space Solutions Centre Ireland, David Gibbons, said he was delighted to welcome a company with the potential of PixQuanta to Ireland’s ESA BIC, which is jointly funded by ESA and Enterprise Ireland.

“We are growing rapidly and 15 exciting companies joined ESA BIC already. PixQuanta is utilising space technology in an exciting new dawn in human history, as the technological revolution grows at an exponential pace. Companies like PixQuanta are enabling the future in which we will live, using space technology for everyday uses in the likes of self-driving vehicles and drones,” he said.

Mr Gibbons added: “ESA BIC has seen a whole range of companies join, with focus ranging from healthcare to information and communications technology (ICT). The solutions these firms are providing will all have a major say in how we live long into the future.”