Tyndall to progress major expansion under government's National Development Plan

Tyndall is to progress a major expansion of its research infrastructure under the government's National Development Plan (NDP) published today. The investment will see Tyndall significantly upgrade and expand, enhancing its central role as a driver of economic impact from technology research and innovation.

Professor Eoin O'Reilly, interim CEO at Tyndall, welcomed the government's commitment: 'This strategic investment commitment recognizes Tyndall's track record in the Irish technology research sector as a key driver of economic impact through research excellence. With this investment, we plan to double in size over the next decade and expand our role as a leading global research institute. We will continue to develop new capabilities in key emerging technologies in communications, energy, agri-tech and health and strengthen our engagement with industry partners to boost the competitiveness of start-up companies, indigenous SMEs and our global partners.'

The NDP commits to upgrading and expanding Tyndall 'to stay at the forefront of new technologies and build on its successful industry engagement model' and to enable it 'to respond to evolving ICT-related technology opportunities' in a fast changing and competitive environment.
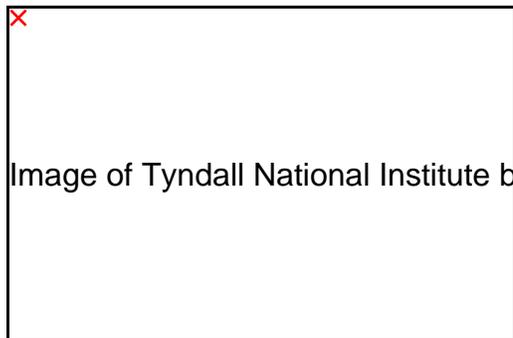
Tyndall will undertake a substantial investment programme under the government's National Development Plan

About Tyndall:

Tyndall National Institute is a leading European research centre in integrated ICT (Information and Communications Technology) hardware and systems. Central to Tyndall's mission is delivering economic impact through research excellence. We work with industry and academia to transform research into products in our core market areas of agri-tech, communications, energy, environment and health.

As the national institute for micro/nanoelectronics and photonics, and a research flagship of University College Cork, Tyndall employs over 500 researchers, engineers and support staff, with a cohort of 120 full-time graduate students. Together we generate around 250 peer-reviewed publications annually.

Tyndall is home to a high-tech national research infrastructure unique in Ireland and is a national research asset.

In recent years we have received international recognition for designing, miniaturising and prototyping products to drive connectivity. Our researchers have won numerous awards for their ground-breaking research on new materials, devices and systems across micro/nanoelectronics and

photonics, including in the areas of ICT for Health, Virtual Reality/Augmented Reality (AR/VR), wearables and the Internet of Things (IoT).

Tyndall is Ireland's largest research centre and is home to a number of industry-focused research centres including the Irish Photonic Integration Centre (IPIC), the Microelectronics Circuits Centre Ireland (MCCI) and the International Energy Research Centre (IERC), and is the lead institute for the European Space Agency (ESA) Space Solutions Centre Ireland. The Centre for Future Networks and Communications (CONNECT) and the recently launched CONFIRM Centre for Smart Manufacturing also have key teams based at Tyndall.