Innovation in the Public Sector

- Promote greater use of scientific evidence and technology by Government departments and agencies in the execution of their mission

- Seek innovative approaches to public service delivery

- Expand the Small Business Innovative Research programme to help public sector bodies to procure innovative solutions to the challenges they face

International Collaboration

- Increase collaboration with EU and global partners, including Northern Ireland, the UK and the US

- **Drawdown €1.25bn from Horizon 2020 for Irish institutions and companies**

- Optimise our engagement with the European Research Area and the Joint Programming Initiatives

- Explore how the European Fund for Strategic Investment can support research and innovation in Ireland

- **Explore membership options for CERN, the European organisation for high-energy physics, and the European Southern Observatory**
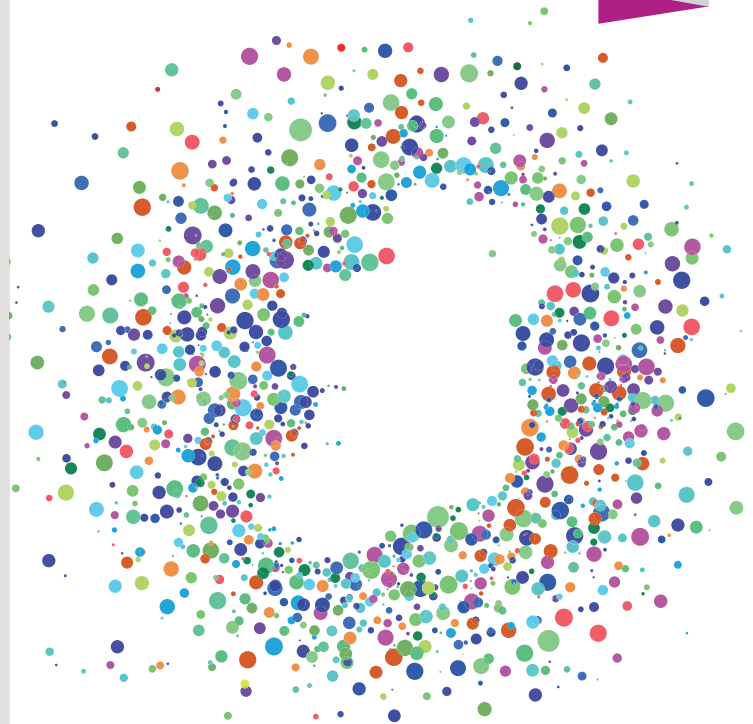
Implementation

- Establish a cross-Government *Innovation 2020 Implementation Group* to ensure a coordinated and streamlined approach to implementation of the strategy. The Group will report to the Cabinet Committee with responsibility for research and innovation policy annually on progress in achieving high-level targets and in delivering on actions.

For further information see **www.djei.ie**

INNOVATION
2020

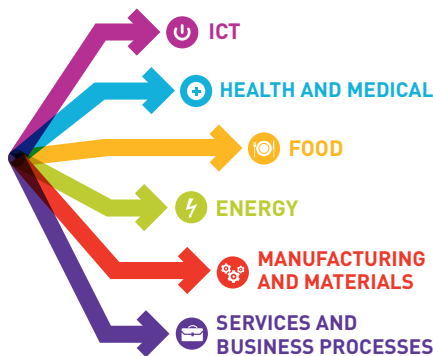## Key Actions

EXCELLENCE   TALENT   IMPACT

Ireland's strategy for research and development, science and technology

Innovation 2020 sets out the strategy for Ireland to become a global innovation leader, with a strong, sustainable economy and a better society.

KEY ACTIONS

Investment

- **Increase public and private investment in R&D to 2.5% of GNP by 2020**

- Double private investment in publicly performed research

- Invest in public research in areas of market opportunity for Ireland-based enterprise, clustered around six enterprise themes:

- Undertake a horizon scanning exercise to identify future areas of strategic commercial opportunity for Ireland-based enterprise

Supporting Innovation in Enterprise

- Streamline and make more readily accessible the full suite of enterprise R&D supports (R&D grants, R&D tax credits, innovation partnerships, etc.)

- Increase Intellectual Property activity within enterprise

- Introduce the 'Knowledge Development Box' to ensure that Ireland remains an attractive location for companies engaged in innovative, value-creating activities

- **Increase the number of research personnel in enterprise from 25,000 to 40,000**

- Increase collaboration, and particularly transfer of knowledge, between the public research system and the enterprise sector

- Strengthen and optimise the network of Research and Technology Centres to better meet the needs of enterprise, including that for Research Technology Organisation-type support

Education for Innovation

- Support excellence in the education system through continued investment to provide the pipeline of talent necessary to drive innovation and social progress

- Incentivise and reward inter-disciplinary research

- **Increase research masters and PhD enrolments from 1,750 to 2,250 and deliver a 30% increase in post-doctorate researchers**

- Establish a new competitive fund to support Frontier Research across all disciplines

- **Produce a roadmap for further developing research infrastructure and introduce a competitive programme to fund it**

Innovation for Social & Economic Progress

- Introduce a competitive funding mechanism to bring together academia, enterprise and public service delivery bodies to address major societal challenges