

The Innovation Imperative

Claire McGee

Innovation and Education Policy, Senior Executive

EDA 2018 #DairyFuture



Innovation in Ireland

INNOVATION

2020



IRELAND

**a Global Innovation Leader driving a strong sustainable economy and
a better society**

EXCELLENCE - TALENT - IMPACT

Innovation 2020 Investment

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

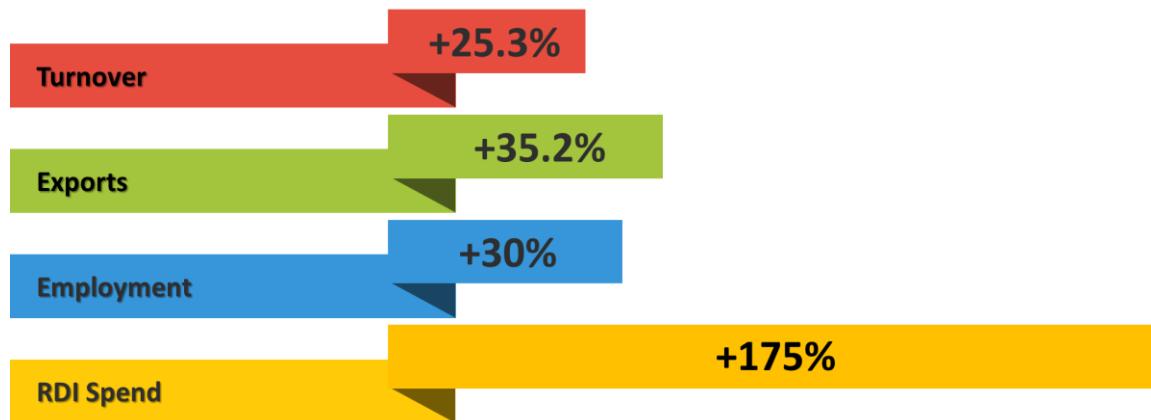
Double private investment in publicly performed research

Research prioritization around six enterprise themes



2.5 years in...

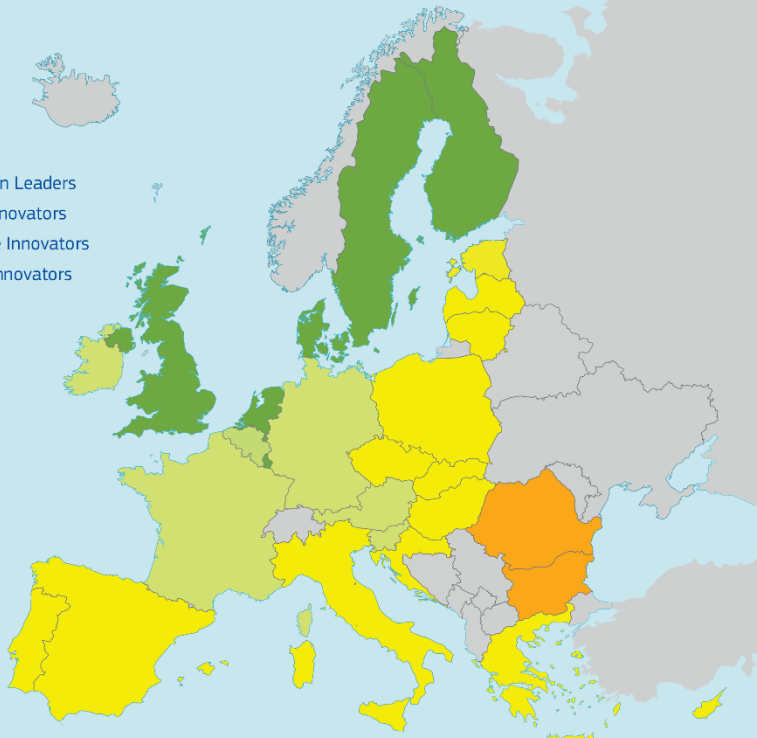
Investment is delivering



Source:DBEI

2018 European Innovation Scoreboard

- Innovation Leaders
- Strong Innovators
- Moderate Innovators
- Modest Innovators



Since 2010, the innovation performance improved in 18 EU countries



SWEDEN

Innovation leader

Sweden is once again the EU innovation leader, followed by Denmark, Finland, the Netherlands, the United Kingdom and Luxembourg

In particular areas of innovation, the EU leaders are:



DENMARK

human resources and innovation-friendly environment



LUXEMBOURG

attractive research systems



FRANCE

finance and support



IRELAND

innovation in SMEs, employment impacts, and sales impacts



BELGIUM

innovation linkages and collaboration

Dairy Innovation



Field specific global excellence:

- 2nd for **Animal and Dairy**
- 4th for **Agricultural Sciences**

Source: Incites, Thomson Reuters 2003-2017



Slippage...

Public investment stagnating at 1.46% of GNP in 2017

While business investment continues to increase, reaching almost €2.4 bn in 2017

At risk of losing momentum

Ibec Innovation Priorities

A Government focus on
RDI

A competitive enterprise
support system

Irish participation in
Horizon 2020

Knowledge transfer &
human capital

Industry linkages &
collaboration

Market-led horizon
scanning & challenge-
led innovation

**WHATS
THE
FUTURE**

Disruptive Innovation





Dairy Disruptors

Consumer

Globalisation

Health

Social

*we live in a **VUCA** World*

Automation

**Data
Analysis**

**Economics
Artificial
Intelligence**

Sustainability

Supply chain

Security

Authenticity

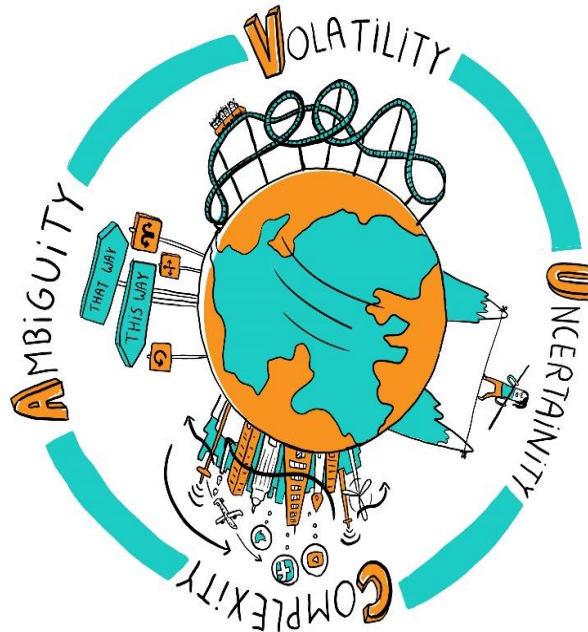
Climate

Digitalisation

Farming

Food safety

Retail



by designdoppel

Dairy Industry 4.0

Data driven

Technology enabled

Collaborative

Powered by new skills

Brings me back

A Government focus on RDI

A competitive enterprise support system

Horizon Europe

Knowledge transfer & human capital

Industry linkages & collaboration

Market-led horizon scanning & challenge-led innovation

Thank you ...

Claire McGee, Ibec

claire.mcgee@ibec.ie