Role of Enterprise Ireland in supporting Food Innovation particularly Post-Brexit

Food Innovation Gateways
12th June 2018
Enterprise Ireland’s Food Sector Strategy 2017-2020

- Enterprise Ireland’s Food Sector vision is that Ireland’s Food & Beverage Companies will be a global source of high quality, market led, innovative products and solutions.

- The mission of the Food Division in growing and developing the food sector is to build the international scale of Ireland’s sustainable Food & Beverage sector through investment in innovation, competitiveness and leadership to support employment across regions and towns in Ireland.
Innovation is Critical…

R&D Active Companies:

- Generate higher sales
- Generate higher exports
- Are more resilient
- Drive growth in value added performance
The Importance of RDI

RDI = New & improved Products/Processes/Services = Scaling Companies

BUT:
Irish firms do not do enough RDI:
International measure is ‘R&D intensity’ (R&D expenditure as a percentage of GDP):

<table>
<thead>
<tr>
<th>Country</th>
<th>R&amp;D Intensity (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Zealand</td>
<td>0.58%</td>
</tr>
<tr>
<td>Ireland</td>
<td>1.54%</td>
</tr>
<tr>
<td>UK</td>
<td>1.7%</td>
</tr>
<tr>
<td>Netherlands</td>
<td>2.01%</td>
</tr>
<tr>
<td>France</td>
<td>2.23%</td>
</tr>
<tr>
<td>Austria</td>
<td>3.07%</td>
</tr>
<tr>
<td>Denmark</td>
<td>3.08%</td>
</tr>
<tr>
<td>Finland</td>
<td>3.17%</td>
</tr>
<tr>
<td>Israel</td>
<td>4.2%</td>
</tr>
</tbody>
</table>
R&D Intensity of Food clients...

- 0.75%
- 0.36%
- 0.90%
- 0.67%
RD&I performing Food clients with In-Company RD&I Support

- Have better Turnover, Exports, RD&I Spend and FT Employment

- +61% Export Sales
- +43% Turnover
- +17% Domestic Sales
- +3% FT Employees
- +251% RD&I Spend
RD&I performing clients with Collaboration Support

(includes Innovation Vouchers (more than 2), Innovation Partnerships, Technology Centre membership & Technology Gateway directly funded projects)

- Have better Turnover, Exports, RD&I Spend and FT Employment

- +122% Export Sales
- +148% Turnover
- +199% Domestic Sales
- +193% FT Employees
- +55% RD&I Spend
Enterprise Ireland RD&I Programmes – Impact on BERD

- Innovation Partnership Programme
- In-company R&D Fund
- Innovative HPSUs
- Technology Gateways
- Innovation Vouchers

All contribute towards increased Business Expenditure on Research & Development (BERD)
Enterprise Ireland’s Innovation Supports

A company that is targeting new or improved products, processes, services, knowledge or know-how…

…can access expertise from research teams and technology centres across Ireland…

…and up to 80% of the research costs can be paid for by the …

INNOVATION PARTNERSHIP PROGRAMME

collaborating for future success

an Enterprise Ireland programme
Collaborative Research Supports

- Innovation Vouchers

- **Technology Centres:** 3 Food Technology Centres resourced by highly-qualified researchers associated with research institutions who are empowered to undertake market focussed strategic R&D for the benefit of industry
  - Dairy Processing Technology Centre
  - Food for Health Ireland Technology Centre
  - Meat Technology Ireland

- **Technology Gateways:** 7 Enterprise Ireland Technology Gateways make up IrishFoodTech cluster whose members have worked on over 100 industry led research projects. The Gateways facilitate collaboration between Industry and industry led researchers.

- Knowledge Transfer Ireland:

- EU Research and Innovation Supports
Enterprise Ireland’s Innovation Supports

ESRI/EI Study: Product Lifetimes in export markets are only 1-3 years on average: constant innovation is required to maintain/grow exports
In-company Innovation Supports

- Exploring Innovation Grants

- Agile Innovation Fund

- In-house Research, Development and Innovation (RD&I) Fund

- Key Manager
In-company Innovation Supports

Innovation 4 Growth:
- Enterprise Ireland has partnered with the Irish Management Institute and MIT Sloan School of Management, Boston to deliver this programme which helps to fast-track participants through an end-to-end innovation learning and practice journey
- New programme commencing in 2018, applications closing date 29 June!

High Level Innovation Core Team: Action from FoodWise 2025
- The team’s role is to:
  - Drive sectoral insights into the need for increased and directed investment in innovation to deliver business growth and sustainability
  - Highlight the innovation capabilities of the sector and contribute to the ongoing development of the sector’s capability and capacity
- Team composition:
  - **Paul Finnerty** (CEO The Yield Lab Ireland Accelerator)
  - **Frank Roche** (Professor Emeritus, Entrepreneurship, UCD) &
  - **Mella Frewen** (Director General, FoodDrink Europe)
Finally….

RDI insulates from market shocks. The only other country to be more affected than us by Brexit is increasing RDI spend:

‘7 in 10 (UK) firms (..) planning to increase or maintain innovation spending in light of Brexit’

(CBI Innovation Study)