Thinking in decades....making a difference
National Treasury Management Agency (NTMA)

Minister for Finance

The Agency
NTMA Board

NTMA Chief Executive

Investment Committee

Funding and Debt Management
NDFA
Ireland Strategic Investment Fund
NewERA
State Claims Agency
ISIF’s Double Bottom Line mandate

Invest on a commercial basis to support economic activity & employment in Ireland

- **Commercial Return**

- **Economic Impact**

**Market Differentiators**
- ✓ Long term timeframe
- ✓ Flexible & innovative
- ✓ Sovereign partner to businesses and co-investors
Overview of ISIF at 31 December 2019

€15.1bn
Directed Portfolio

€6.9bn
Irish Portfolio

€2.7bn
Low Risk Global Portfolio

Transitioning into the Irish Portfolio as investments are executed over the short/medium term

€8.1bn
Discretionary Portfolio

€1.3bn
Uncalled commitments

€5.4bn
Directed Portfolio (principally AIB & Bank of Ireland investments)

ISIF (i.e. investing for commercial return + economic impact)

Capital allocation for other Government Priorities (€3.5bn)

€1.25bn
Land Development Agency

€0.75bn
Home Building Finance Ireland

€1.5bn
Home Building Finance Ireland

€1.5bn to Rainy Day Fund (November 2019)

Note: All financials as at 31 December 2019 are preliminary, unaudited and may not sum due to rounding
ISIFs capital unlocks a further €8.4bn of co-investment capital commitments

Leveraging capital for maximum Economic Impact from ISIF resources

Note: All financials as at 31 December 2019 are preliminary and unaudited
Note: Capital is cumulative since inception including cancelled commitments

ISIF Commitments €4.6bn

Co-investors €8.4bn

= Capital committed ISIF + Co-investors €13.0bn
Food & Agriculture is a key component of and is aligned with ISIF’s Regional, Indigenous, Climate and Brexit Priority Themes

**Regional Development**
- €750m (+/-25%)
- Aligned with Regional Strategy
  - Focused on delivering investments which will enable the regions ensuring people live and work in the right places and embedding resilience in businesses located in the regions.
  - Rural economy primarily through food & agriculture investments

**Housing**
- €500m (+/-25%)
- N/A

**Indigenous Businesses**
- €1bn (+/-25%)
- Focused on scaling businesses that will both compete internationally and support F&A businesses servicing the domestic market (import substitution)
  - F&A also has a focus on direct investment, using indirect platforms for industry solutions and innovation

**Climate**
- €500m (+/-25%)
- Aligned to the Climate Strategy
  - Collaboration with industry and key stakeholders to deliver Climate Action Plan, Government targets and Agri Food strategy 2030
  - Focus on bioeconomy and solutions to F&A sector

**Brexit**
- €200m (+/-25%)
- TBC based on Brexit outcome
  - Food and Agriculture is highly exposed to the negative implications of Brexit due to the industries high level of trade with the UK.

**ISIF will target investment for growing and scaling the Food & Agri industry in Ireland with a focus on innovation, value-add, sustainability and Climate change**
ISIF’s Food & Agri Strategy - Overview

Long term capital to scale Irish companies to grow and diversify internationally
Leveraging Ireland’s natural advantages to drive businesses up the value chain

Investing in AgTech, innovation and technology developed in Ireland and applying best international practices to businesses in Ireland

Placing Climate Change at the core of business activities
Transformative and incremental projects to deliver net carbon zero agriculture

Identifying and investing in new sectors that can have a transformative impact on Ireland
Learning from global leaders such as Netherlands & New Zealand
Collaborating with IFC to support Irish companies expanding into emerging markets
<table>
<thead>
<tr>
<th>Theme</th>
<th>Description</th>
<th>Investments</th>
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| Industry Solutions        | • ISIF will seek to develop products with industry that facilitates the resilience of the industry to address a particular financing deficit or problem  
                          • Capability to address financing issues at both the primary and processing level                                                                                                                         | ![MilkFlex](image) ![Irish Whiskey Innovation Fund](image)                   |
| Long Term Debt            | • Long term debt for capital expansion targeting food companies to expand or increase their value added activity  
                          • Domestic banks typically have a 5-7 year time horizon – ISIF can provide longer term capital                                                                                                         | ![Panelto Foods](image)                                                     |
| Patient Direct Equity     | • Direct equity to scale indigenous businesses. Equitizing and growing food companies is a key focus for this pillar with an emphasis on innovation  
                          • A portion of the capital may be used to replace existing shareholders – this will be a necessary part of scaling these businesses                                                                 | ![Green Isle](image) ![High Tide](image)                                   |
| Indirect Technology & Innovation | • Population forecasts and exponential growth in demand for food produced in a sustainable way means technology is fundamental to solving the global food problem driving crop productivity and food production  
                          • ISIF will partner with global leaders who are experts in this space to give us access to a global network for the benefit of Irish companies and the industry | ![Finistere Ventures](image) ![Irish Agtech Fund](image)                     |
| Climate                   | • Climate is a significant focus for the agriculture industry given it represents 33% of Irish GHG emissions  
                          • ISIF will seek to make investments in the forestry sector and support other investments that deliver carbon sequestration such as anaerobic digesters, biorefining, soil management and energy crops | ![DC Darros Capital](image) ![Temporis Capital](image) ![Greencoat Capital](image) |
| Big Idea/Innovation       | • Disruption is required in the sector to be able to increase global production in a sustainable manner.  
                          • Over and above proven technologies, big ideas in climate that would have a step change in emissions                                                                                               |                                                                           |
Potential of the circular economy in Ireland to deliver sustainable solutions

Since the launch of National Policy Statement published in 2018, the Bioeconomy has become the key objective in a number of whole Government Policies including Project Ireland 2040, Action plan for Jobs and Climate Action Plan. This has been reflected in the establishment of:

- The Beacon Bioeconomy Research Centre;
- National Bioeconomy Centre in Lisheen; and
- Investments in numerous Bioeconomy related projects.

Ireland has distinct advantages in producing renewable biological resources and waste streams including:

- Significant Agriculture, Marine, Forestry and Pharma resources;
- Indigenous corporates focusing on the Bioeconomy; and
- Co-ordinated National policy and growing research capability

Bioeconomy has the potential to be a fundamental part of sustainability of the Food, Agriculture and Marine sector in the future and will be placed as a central part of the EU “Green Deal”, EU and National Carbon mitigation plans.
Potential role for ISIF in the circular economy

Bioeconomy is closely aligned with ISIFs Food and Agriculture Strategy delivering on three priority themes, Climate, Regional, Indigenous with potentially transformative and additional projects to assist in the delivery to net carbon zero agriculture.

ISIF is currently assessing the role it can play funding projects in the Bioeconomy sector in the following areas;

- Develop tailored platform solutions;
- fund investments; and
- direct investments into companies (debt/equity) to support commercial investment opportunities.

Examples of opportunities include use of waste from livestock to generate energy (gas or electricity) through use of anaerobic digestion, biorefining, soil management and energy crops, use of waste / byproducts from production processes to create value added products.