

Evolving Energy and Innovation Policy

Ian Hughes

Our 2050 – Final-Project Event, Fitzwilliam Hotel, Dublin | Dec 10th 2018



OECD – System Innovation



DSTI/STP(2018)6/CHAP10

For Official Use

English - Or. English

25 September 2018

**DIRECTORATE FOR SCIENCE, TECHNOLOGY AND INNOVATION
COMMITTEE FOR SCIENTIFIC AND TECHNOLOGICAL POLICY**

**Draft chapter of the STI Outlook 2018: STI Policies for Delivering on the UN
Sustainable Development Goals**

Box 1. In my View: The progressive evolution of Innovation Policy towards societal challenges

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For many years, policy makers have been developing innovation models and policy instruments to target investments in science and technology in order to maximise the economic impacts of those investments. More recently, the focus of innovation policy has broadened significantly to include not only innovation for economic growth, but also address the formidable twin challenges of environmental sustainability and sustainable development. This expansion in the scope of

DFA – MaREI System Innovation Network



Policy Brief
Innovation for System Transition

Our 2050

This is one of a series of policy briefs to summarize ongoing findings related to the research project, 'Our 2050 – Opportunities for Ireland in a Low Carbon Economy', which is on the economic and societal opportunities arising from the transition to a low carbon economy and the policies needed to achieve this transition.

MaREI EPMG ERI UCC

- Research policy network
- Seminars & jointly prepared policy briefs



Policy Brief
Visioning and Evaluating Long Term Transition


Our 2050

This is one of a series of policy briefs to summarize ongoing findings related to the research project, 'Our 2050 – Opportunities for Ireland in a Low Carbon Economy', which is on the economic and societal opportunities arising from the transition to a low carbon economy and the policies needed to achieve this transition

MaREI EPMG IERG ERI UCC



Evolving policy - refresh of research prioritisation




Report of the

Priority Area J – Marine Renewable Energy

Priority Area K – Smart Grids and Smart Cities

Research Priority Areas 2018 to 2023

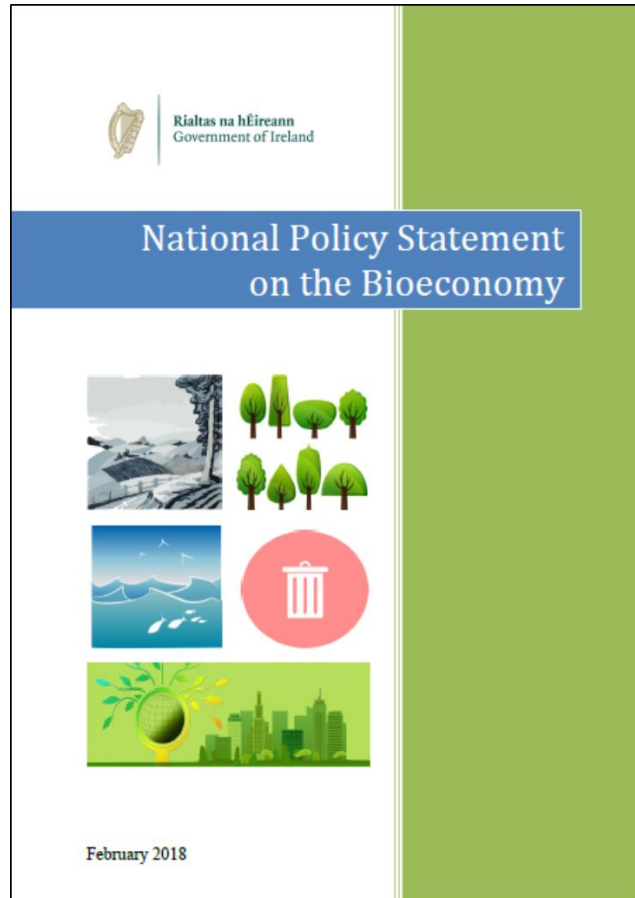


Research Priority Areas
2018 to 2023

Energy, Climate Action and Sustainability

Decarbonising the Energy System Sustainable Living

Systems Innovation Applied to Bioeconomy



- Systems innovation thinking
- Bioeconomy Implementation Group



Next Phase of Ireland's economic development – Future Jobs Programme

12th August 2018

Emphasis on quality jobs, improving productivity and building resilience

Interdepartmental Group developing plan, which will be launched in January 2019

Major Jobs Summit to be held in November

Enterprise Opportunities in Transition



Emerging lessons learned

1. Diversity of opportunities
 - a) Firms acting primarily for compliance reasons
 - b) Firms that provide technology and services solutions
 - c) Lead disruptive innovators
2. Diversity of actors - including semi-state companies and social enterprises
3. Potentially transformational role of lead disruptive innovators 'v'
Incremental bottom-up innovation