

National Bioeconomy Strategy Development: **IRELAND**

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SCAR Conference 2017

Research and innovation policy, state-of-play
and the role of SCAR in the European
Bioeconomy

4th and 5th December 2017 in Tallinn Estonia



Role of Member States

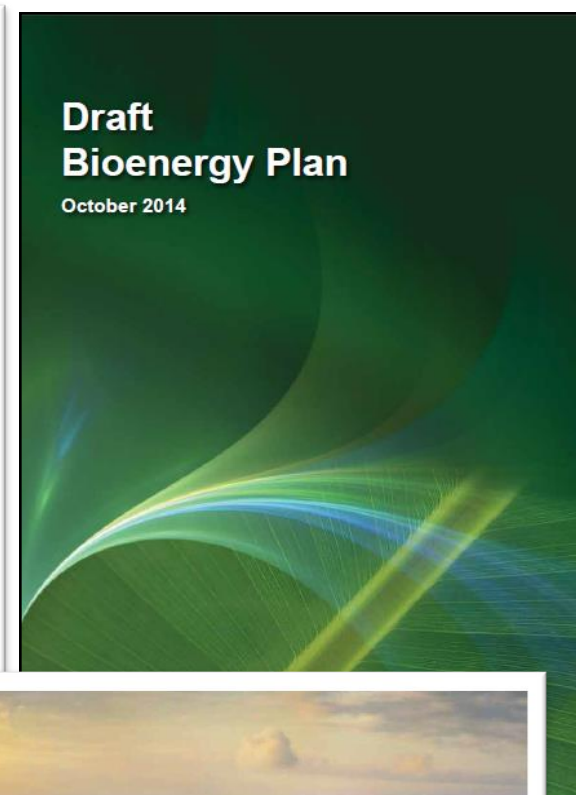
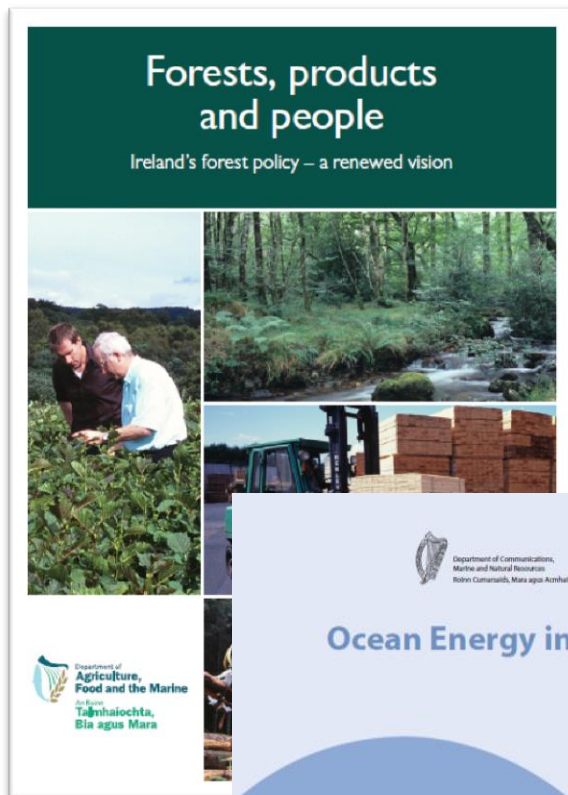


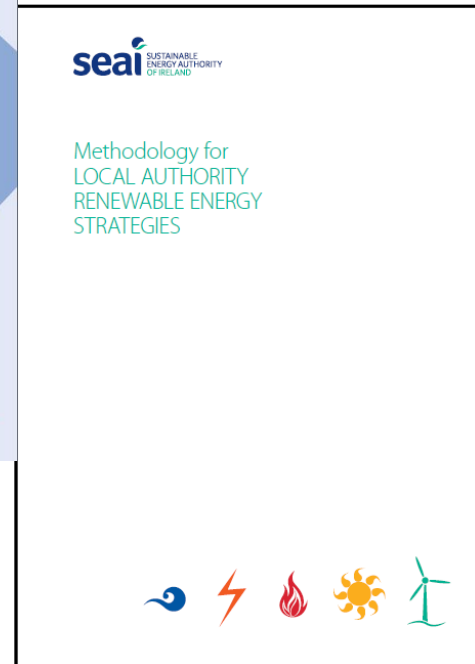
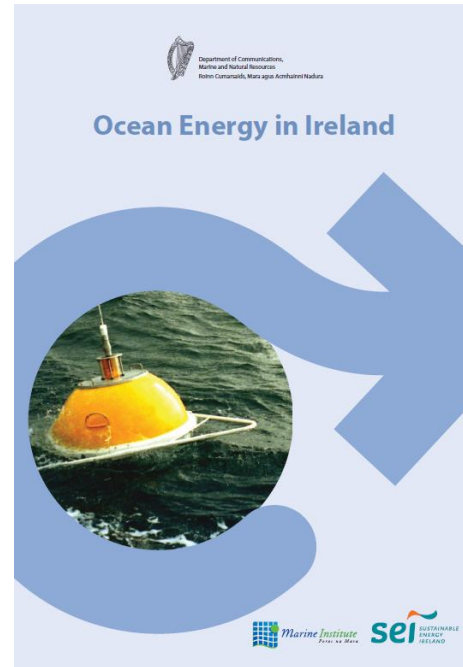
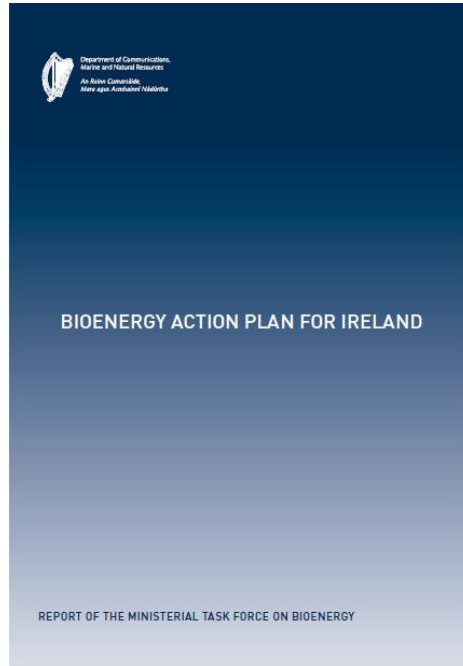
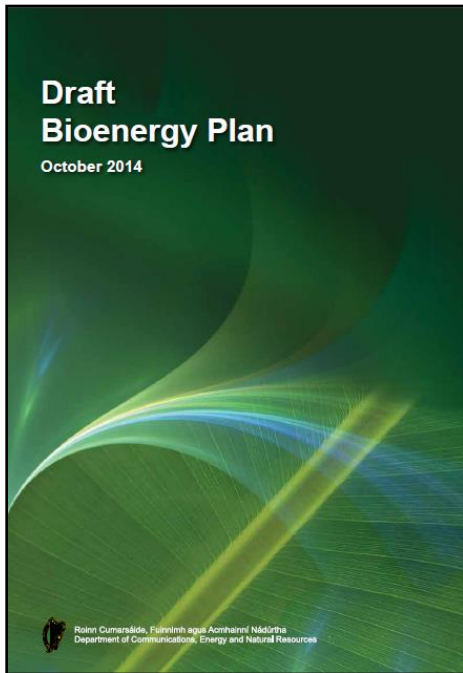
- Give a steer (internally) and signal (externally)
- Ireland recognised need to develop a national strategy, but...
 - » **Potential conflicts of interest**
 - Economic, social and environmental objectives
 - » **Potential conflicts between sectors**
 - Food, feed, fibre, fuel debate
 - » **Unintended/unforeseen consequences**

Ireland: cross-sectoral



Ireland: sectoral





Ireland: sub-sectoral

The Irish Bioeconomy: Complex policy environment

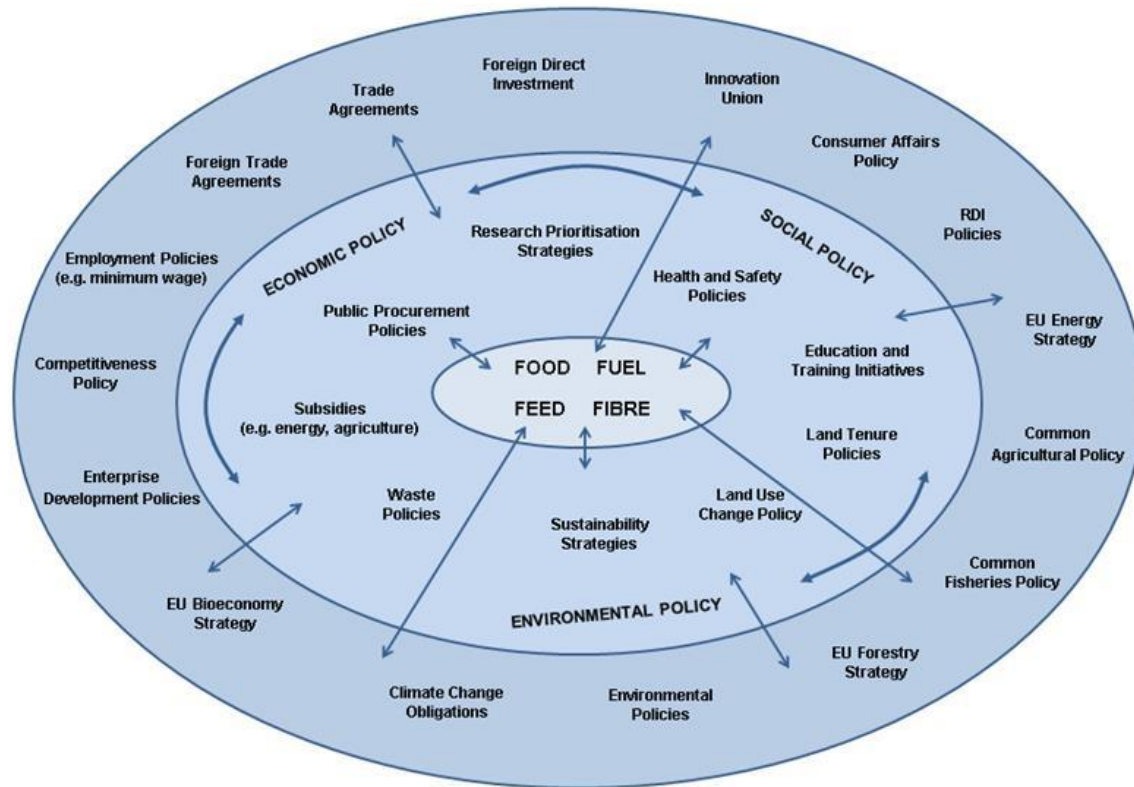


Figure 1 Irish bioeconomy policy illustration (taken from Devaney and Henchion, 2016)

Overview of Bioeconomy (2015)

Member	Name of Strategy	Main Actors	Key Funding Areas
Canada	Growing Forward	Ministry of Agriculture	R&D on renewable resources and biobased materials, Bioenergy
EU	Innovating for Sustainable Growth	DG Science, Research, Innovation	Research & Innovation (Horizon 2020), Public-Private-Partnerships
France	bundle of BE-relevant policies	Ministry for Ecology, Ministry for Research	Bioenergy, green chemicals, clusters, circular economy
Germany	1. Research Strategy BE 2. Policy Strategy BE	1. Ministry for Research 2. Ministry for Agriculture	R&D on food security, sustainable agriculture, healthy nutrition, industrial processes, bioenergy
Great Britain	bundle of BE-relevant policies	Parliament, Depts: Energy & Climate Environment, Transport, Business	Bioenergy, agri-science and -technology
Italy	no specific BE policy	-	Participation in EU programmes
Japan	Biomass Utilization and Ind. Strategies	Cabinet, National Biomass Policy Council	Research & innovation, circular economy, regional development
United States	1. Bioeconomy Blueprint 2. Farm Bill	1. White House 2. USDA	1. Life Sciences (Biomedicine) 2. Agriculture (multiple areas)

Source: German Bioeconomy Council 2015

Initiatives at government level

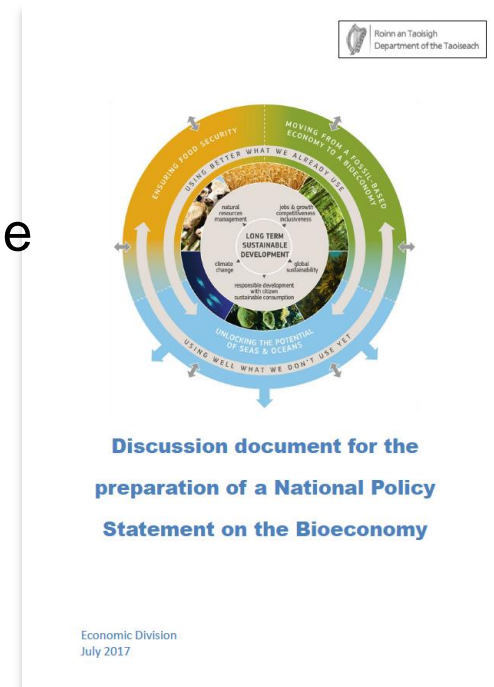
- Research funding – BioÉire, DAFM, 2014
- National Action Plan for Jobs, 2016 – Department of the Taoiseach (Prime Minister's Office)
- National Action Plan for Rural Development 2017, Department of AHRRGA
- Whole of government approach: Interdepartmental group – Led by Department of the Taoiseach, formed Q4 2016

Action Plan for Rural Development

	Action	Time	Responsibility
116	Establish a baseline assessment of the current bioeconomy activity and opportunities across the various sectors in Ireland	Q1 2017	Dept of the Taoiseach and other relevant sectoral departments
117	Hold a consultative seminar on the bioeconomy, with key stakeholders including the development agencies and the private sector	Q1 2017	Dept of the Taoiseach and other relevant sectoral departments
118	Publish a high level policy statement on the bioeconomy in Ireland	Q4 2017	Dept of the Taoiseach and other relevant sectoral departments

Public consultation

- July 2017: Discussion document issued by Dept of the Taoiseach
 - » 51 submissions
 - Commercial entities – 13
 - Academic/Research centres- 11
 - Departments & Agencies - 7
 - NGO/Charity – 6
 - Not-for Profit – 4
 - Private individuals – 4
 - Local Authorities – 3
 - Semi-State – 3
- Nov 2017: Draft National Policy Statement presented to the IDG
- Dec 2017: Present to Government for approval
- High level implementation group – Chair?



Acknowledgements



BioÉire

A Bioeconomy for Ireland

- BioÉire
 - DAFM Stimulus Fund project ref 14/SF/857
- CASA, H2020
 - H2020 CSA

