

# SCAR FS SWG Workshop: Translating Science into Policy

*Ireland: BioÉire*  
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# Background

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## BIO-ÉIRE - A Bio-economy for Ireland- An Evaluation of Development Opportunities, Policies and Initiatives Shaping Ireland's Transformation to a Sustainable Low Carbon Bioeconomy

- DAFM funded research project
- 2 years desk study (2014-2016)
- €240,000
- Teagasc, IT Tralee, NUIG

# Aim of BioÉire

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To conduct an evaluation of the most promising *value chain* opportunities for the Irish bioeconomy and provide *part of the knowledge base necessary to construct a national strategy*. This included undertaking research from supply, demand, business and support framework perspectives.



# Stakeholder engagement embedded in policy making process from the outset...

	Action	Responsibility
116	Establish a baseline assessment of the current bioeconomy activity and opportunities across the various sectors in Ireland	<b>Dept of the Taoiseach &amp; other relevant sectoral depts</b>
117	Hold a consultative seminar on the bioeconomy, with key stakeholders including the development agencies & the private sector	<b>Dept of the Taoiseach &amp; other relevant sectoral depts.</b>
118	Publish a high level policy statement on the bioeconomy in Ireland	<b>Dept of the Taoiseach &amp; other relevant sectoral depts.</b>

# HOW DOES THE STATEMENT BUILD ON EARLIER WORK ON THE BIOECONOMY? WHAT DOES THE TIMELINE LOOK LIKE?

## APJ and APRD



- Scope
- Feasibility
- Conditions
- Strategy
- Prepared by the D/Taoiseach

## Stakeholder Engagement

- BioEire research on value chains
- Joint workshop with key stakeholders (**Feb 2017**)



Roinn an Taoisigh  
Department of the Taoiseach



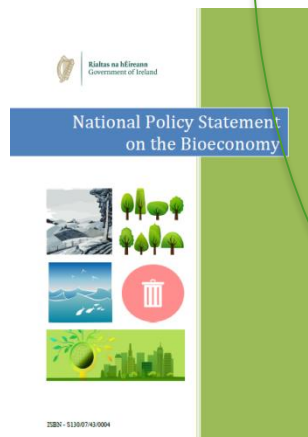
- Discussion Document for public consultation (**July 2017**)
- Submissions are analysed and fed into the preparation of the Statement. (**Sept 2017 – Nov 2017**)

- National Policy Statement (**Dec 2017**)

Formal Publication (**March 2018**)

• Inter-departmental Group (**Nov 2016**)

• Scoping exercise (**Nov 2016 – Jan 2017**)



Slide courtesy of Patrick Barrett



# Joint design-thinking workshop

- Built around pre-identified value chains from BioÉire, it was recognised that “there is now a need to *co-create* an integrated vision for the bioeconomy in Ireland, and to identify and agree actions and next steps”.
- Objectives
  - Create a shared future bioeconomy vision and opportunities for growth;
  - Identify potential collaborations and policy initiatives could ‘join the dots’ between traditional resource sectors and enable a coherent approach between the diverse range of actors involved; and
  - collectively inform next steps towards a national bioeconomy.
- Invitees –value chain actors (cross-sectoral – agr, forestry, marine, energy, food, pharma..) ministries, local authorities, public bodies, researchers,
- Needs to be more than “the usual suspects”



# The Value Web

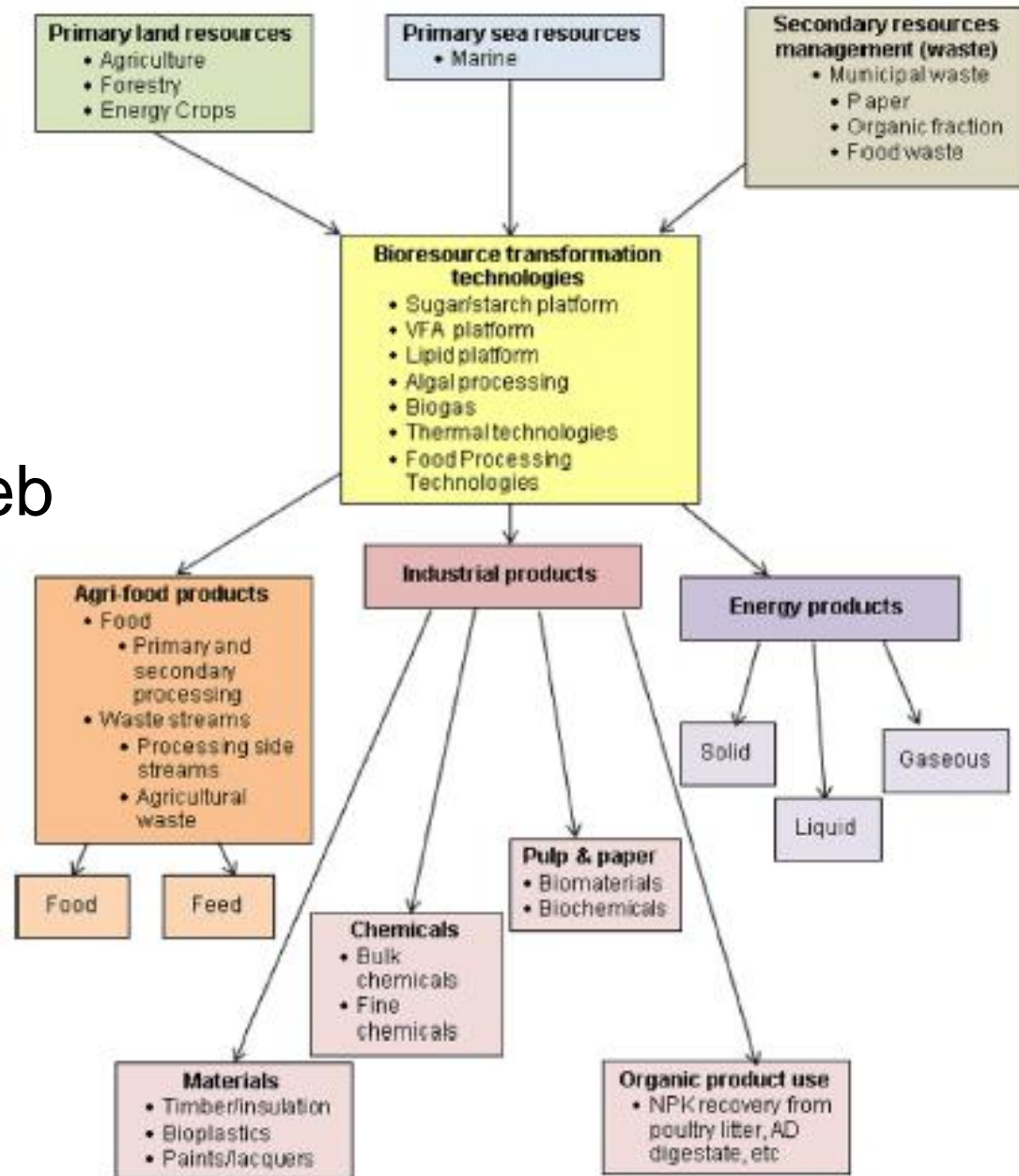
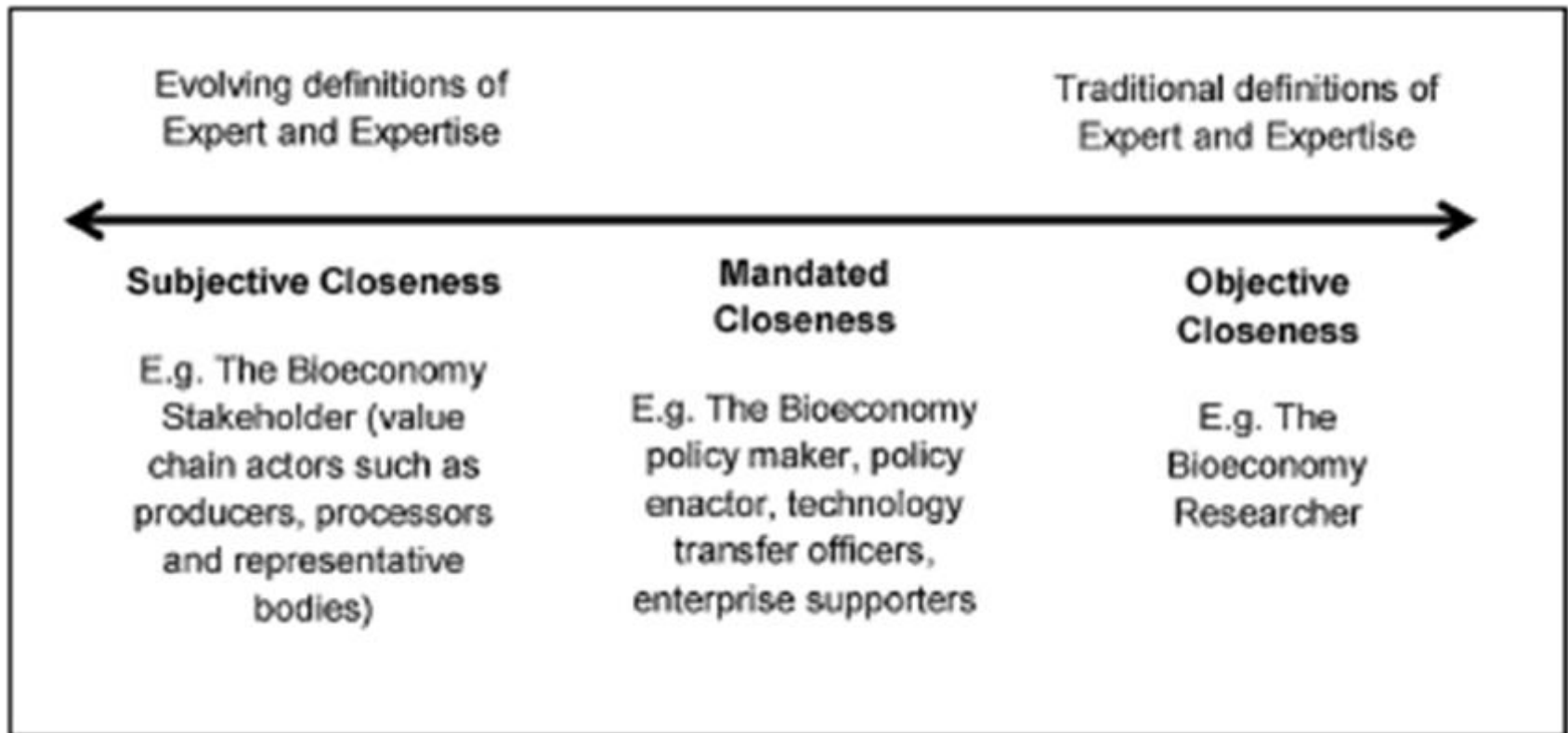


Fig. 1. Biofire value web, adapted from Nita et al. (2013).

Source: Devaney and Henchion, 2018

# The Expert Continuum



Source: Devaney and Henchion, 2018



# Key success factors



Deliberate intention to feed into policy



Use of value chain concept



Timing re policy cycle

Foresight by DAFM re funding call (as a result of participating in activities at EU level)

Commitments in related policies to develop policy statement



Stakeholder engagement

Use of value net and expert continuum to identify participants

Leadership of Prime Minister's Office

Credibility given by Teagasc, ITT and NUIG

Use of external party to facilitate