

**SCAR FOOD SYSTEMS Strategic Working Group,**

**Qualitative mapping of Food and Nutrition Security relevant policies  
in EU Member States and Associated Countries**

Dear Members,

The main rationale for the SCAR FOOD SYSTEMS Strategic Working Group – (SCAR FOOD SYSTEMS SWG) is that the SCAR member states provide strategic advice and support to the EU Research & Innovation (R&I) policy framework FOOD 2030<sup>1</sup> as well as to the review of the Bioeconomy Strategy in which food plays a central role given the 'food comes first' principle.

The Terms of Reference (ToR) for this SWG, was endorsed at the SCAR Plenary of 6 December 2016. The ToR mentions that the main task in 2017 is to "provide strategic intelligence (EU 28) including the mapping of R&I funding done at National and regional level related to Food Systems and provide insight into the type of existing policies and strategies that are linked to Food and Nutrition security and the priorities of FOOD 2030".

The expected delivery date for qualitative mapping is end April 2017.

This task is further complemented by a quantitative mapping of R&I public funding at EU Member State and Associated Country level (expected delivery June 2017). This task has started with four pilot countries.

Thank you very much for your involvement.

With my best regards,

Monique Axelos ,

Chair of the SCAR Food Systems SWG

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[http://ec.europa.eu/research/conferences/2016/food2030/pdf/food2030\\_conference\\_background.pdf#view=fit&pagemode=none](http://ec.europa.eu/research/conferences/2016/food2030/pdf/food2030_conference_background.pdf#view=fit&pagemode=none)

## SCAR FOOD SYSTEMS SWG

### Qualitative mapping questionnaire

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Date of submission of questionnaire:	15 <sup>th</sup> May 2017

Please submit the questionnaire below to the chair of the SCAR FOOD SYSTEMS SWG:

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Senior scientist at INRA (Institut National de la Recherche Agronomique)

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**PART 1 – FNS related policy:**

**1. List the relevant national/regional policies or strategies that are relevant to ensuring food and nutrition security (e.g.: agriculture, health, food safety, climate, fisheries, etc).**

1. Weblink to the policies/strategies/**foresight/programmes**:

1. [FoodWise 2025](#) – Industry led national agri-food strategy
2. Sustainable Healthy Agri Research Plan ([SHARP](#)): Agri-Food SRIA
3. Teagasc [Technology Foresight 2035](#)
4. [Harvesting our Oceans Wealth](#) - An Integrated Marine Plan for Ireland.
5. BIM – Irish Seafood Development Agency e.g. [Grow your Business](#) & the [Seafood Development Centre](#)

6. [Innovation 2020](#) – national science and innovation policy
7. Science Foundation Ireland (SFI) - Since 2013 Science Foundation Ireland (SFI) has had a widened remit to fund research that has been determined to be of strategic national interest. Post the 2014 National Prioritisation Research Exercise this includes specific areas in relation to agriculture & food.
8. Enterprise Ireland (EI) supports Irish companies through various [coordination and financial support instruments](#) to strive for high performance and to have an export-led outlook. Enterprise Ireland currently supports a significant number of Agri-Food & Agri-Tech companies that are examining investment in [processes](#) that [improve productivity and the sustainability of agri-food production](#). Enterprise Ireland also coordinates the Horizon 2020 ([EU Research and innovation funding programme](#)) national network.
9. Health Research Board – [HRB's Strategy 2016-2020](#)

2. What issues does each of them cover?

1. Food Wise 2025 outlines a strategic plan for the development of the agri-food sector which paves the way for smarter, greener, sustainable growth. It covers human capital, innovation, market development and competitiveness within the boundaries of sustainability.
2. The SHARP vision is to “Invest strategically in Sustainable Food Production & Processing and Food for Health research to drive innovation and enable the agri-food sector to achieve its full potential in a sustainable manner thereby contributing to the achievement of the overall Food Wise 2025. It identifies a clear set of research priorities (Animal Production, Grass, Clover, Forage, Crops & Food Horticulture, Sustainable Management of Natural Resources, Climate Change & Trans-boundary Gases, Food Processing Technology & Engineering, Food Product Development, Formulation & Sensory Science, Food Chain Integrity & Safety, Functional Foods & Health & Nutrition, Health & Diet-related Diseases) that will act as a blueprint to guide the funding decisions of all departments and agencies operating publicly funded research programmes from 2015 onwards.
3. Teagasc Technology Foresight 2035 focuses on the identification of key technologies (1. Plant and Animal Genomics and Related Technologies 2. Human, Animal and Soil Microbiota 3. Digital Technologies 4. New Technologies for Food Processing 5. Transformation in the Food Value Chain System.) that will drive the competitiveness and sustainable growth of the Irish agri-food sector over the next 20 years. Its goal is to identify new areas of technology in which Ireland should invest. It is aimed at the Teagasc Authority, its management and partners. It is also intended to feed into policy at national and EU level.
4. Harnessing Our Ocean Wealth sets out the Government’s Vision, High-Level Goals, and Key ‘Enabling’ Actions to put in place the appropriate policy, governance and business climate to enable our marine potential to be realised.

5. BIM supports the growth of the Irish seafood industry, with a focus on increasing profitability and employment in the sector. We provide assistance to seafood companies through a variety of commercial services.
  6. Innovation 2020 is Ireland's five year strategy on research and development, science and technology. Innovation 2020 sets out the roadmap for continuing progress towards the goal of making Ireland a global Innovation Leader, driving a strong sustainable economy and a better society.
  7. SFI – See above
  8. EI – see above
  9. HRB - The lead agency in Ireland responsible for supporting and funding health research, information and evidence – Healthy people through excellent research and applied knowledge.
3. Which institutional actors are responsible for each policy/strategy?
1. Department of Agriculture Food and the Marine (DAFM)
  2. DAFM
  3. Teagasc
  4. Whole of Government
  5. BIM
  6. Dept of Jobs, Enterprise and Innovation
  7. SFI
  8. EI
  9. HRB
4. Are these policies/strategies focussed on your country only, on Europe or do they target International cooperation and development?
1. National with a market outlook
  2. Focused on Ireland and also targeting International cooperation and development
  3. National and also targeting International cooperation and development
  4. National and also targeting International cooperation and development
  5. National
  6. National and also targeting International cooperation and development
  7. National and also targeting International cooperation and development
  8. National and also targeting International cooperation and development
  9. National and also targeting International cooperation and development
5. Do any of these policies/strategies contain an R&I focus? If yes, describe.

1. Innovation and is a key focus of FoodWise 2025. Research is a cross cutting item in the strategy.
  2. Research & Innovation is a key focus for SHARP.
  3. Teagasc's Foresight document has as a goal is to identify new areas of technology in which Ireland should invest. It is aimed at the Teagasc Authority, its management and partners. It is also intended to feed into policy at national and EU level.
  4. Harnessing Our Ocean Wealth sets out Key 'Enabling' Actions including research to be put in place to enable marine potential to be realised.
  5. BIM programmes focus on innovation
6. Are there any new relevant national/regional policies or strategies being currently developed that are relevant to ensuring food and nutrition security? If yes, describe.
1. Yes
    - i. A marine related research strategy is being prepared.
    - ii. A national bioeconomy statement is being prepared

## **PART 2 – Bioeconomy Strategy**

### **2. Does your country have a national Bioeconomy Strategy?**

1. A national bioeconomy statement is being prepared
- A. If yes, what does it cover?
1. Provisionally - Natural Resources, Agri-food & Seafood Production & Processing by or co-products, Micro-organisms, bioresources such as wastewater and municipal solid waste etc.
  2. Provisionally - Circular Bioeconomy
- B. Does it have a food related pillar? If yes, describe.
1. To be determined
- C. Weblink to the Bioeconomy strategy:
1. Not available yet
- D. If there is no Bioeconomy Strategy yet, is there one being developed at the moment?
1. Yes. It is being developed by the prime Minister's Office and involves a whole of government approach.

## **PART 3 – Research and Innovation Policy and Programming**

**3. List specific national/regional R&I policies/strategies/funding programmes relevant to food and nutrition security (e.g.: agriculture, health, food safety; climate, fisheries, etc).**

A. Weblink to the R&I policies/strategies/funding programmes:

1. Department of Agriculture, Food and Marine [Competitive National Programmes](#):
2. Marine Institute – [Research Funding Programmes](#)
3. Irish Seafood Development Programme -
4. Science Foundation Ireland – [Research Programmes](#)
5. Enterprise Ireland
  - a. [Innovation & Development Industrial Programme](#)
  - b. [Innovation Voucher](#)
6. Irish Research Council – [Funding Programmes](#)
7. Health Research Board – <http://www.hrb.ie/research-strategy-funding/>

B. What FNS relevant issues do each of them cover?

1. Sustainable Healthy Agri Research Plan ([SHARP](#)): Agri-Food SRIA
2. Natural Resource Management
3. Innovation in seafood processing
4. Research capability and capacity
5. Innovation in food processing and market development
6. Research capability and capacity and aid to companies in employing specifically qualified staff
7. Food & Nutrition for health

C. Which institutional actors are responsible for each R&I policy/strategy/funding programmes?

1. Addressed in 3a.

D. Who does what and how do these actors cooperate?

1. They cooperate under the National Research Prioritisation Exercise and through the government science and technology policy.

E. Are these R&I policies/strategies focussed on your country only, on Europe or do they also target RI & for international cooperation and development?

1. In the main there is a focus on country only. However, the programmes are focused on targeting RI & for market development, international cooperation such as through funding of ERA-NETS, JPIS etc and also development for participation in Horizon 2020.

F. Are there any new specific national/regional R&I policies/strategies/funding programmes being currently developed that are relevant to ensuring food and nutrition security? If yes, describe.

1. Yes
  - iii. A marine related research strategy is being prepared.
  - iv. A national bioeconomy statement is being prepared