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SC 4-6a

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# Question set by FSA Chairman Heather Hancock

June 2017

**What should the FSA do to improve its horizon scanning and its understanding of global food systems risks (and opportunities)?**

**Why – Part of the rationale for our Regulating our Future approach is that we want to be more on the front foot, anticipate future risks and harness innovation.**

[WG3 ToRs](#)

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## 2 Phases;

### *Open Meeting*

**1. How can FSA get a sound and useful understanding of global food systems risks and opportunities and of how it can respond to these?**

-RAND Europe Report

-Workshop of invited stakeholders/experts 12 September 2018

### *Afternoon Workshop*

**2. What should the FSA do to improve its horizon scanning capability in the longer term?**

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# Summary of the Phase 1 specification adopted

**Q1.** What are the key novel or emergent features of the potential future food system to 2030?

**Q2.** Which potential features, changes, trends or dynamics in the system have the most significance for the UK and why?

**Q3.** What are the main challenges and opportunities relating to food safety and authenticity in response to the issues identified in Q1 and Q2?

**Q4.** What sources of evidence can the FSA draw on to better understand, prioritize and respond to these issues?

**Q5.** What approaches and inputs could FSA have access to in order to implement an ongoing capability for horizon scanning and foresight?

# Where are we with the RAND Report?

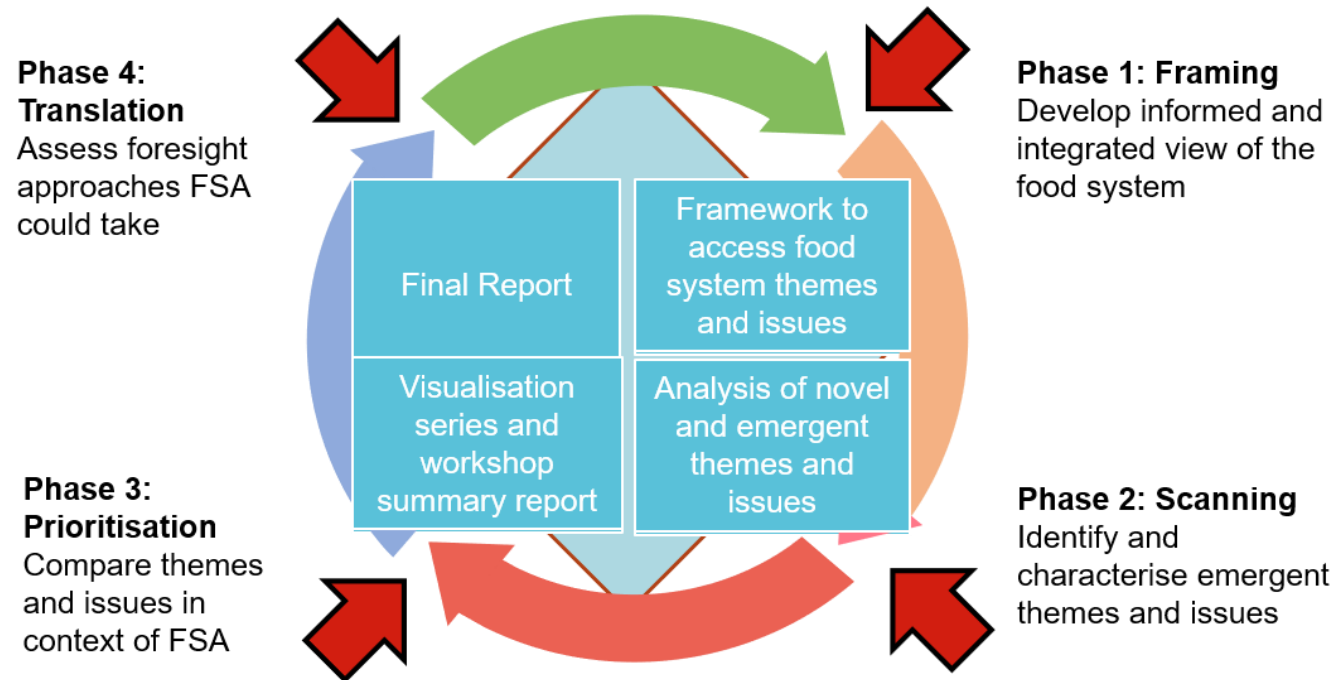
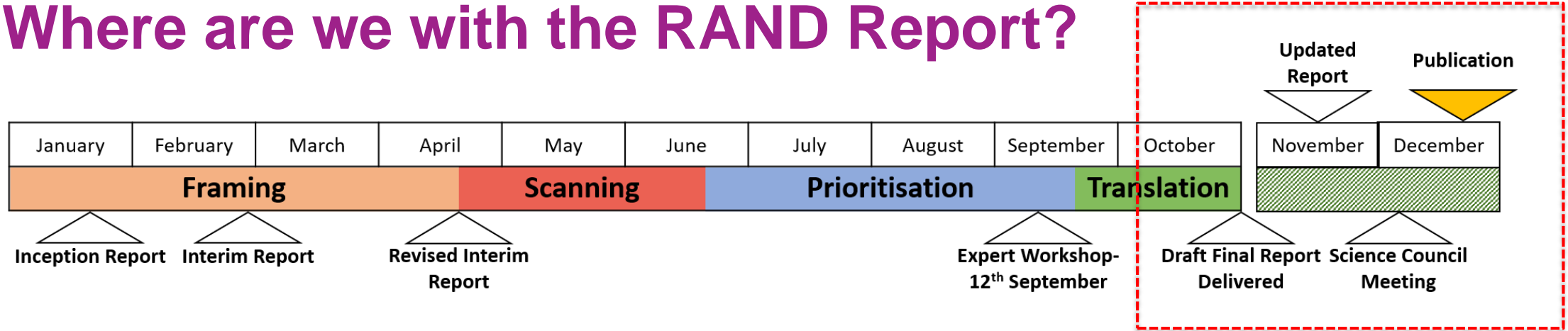
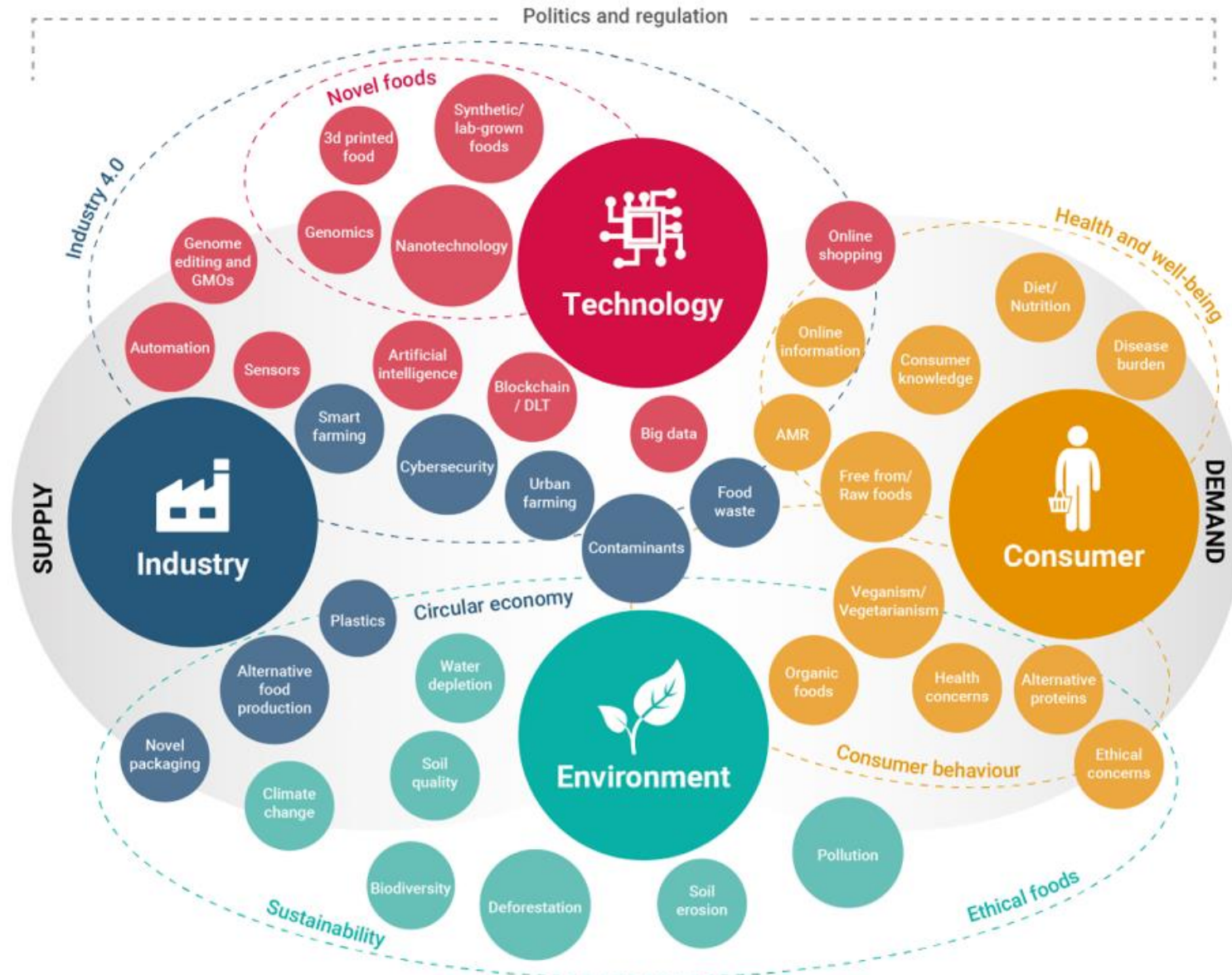
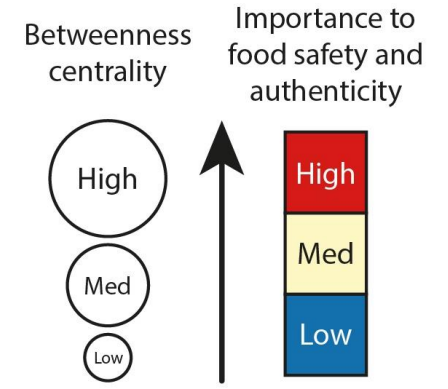
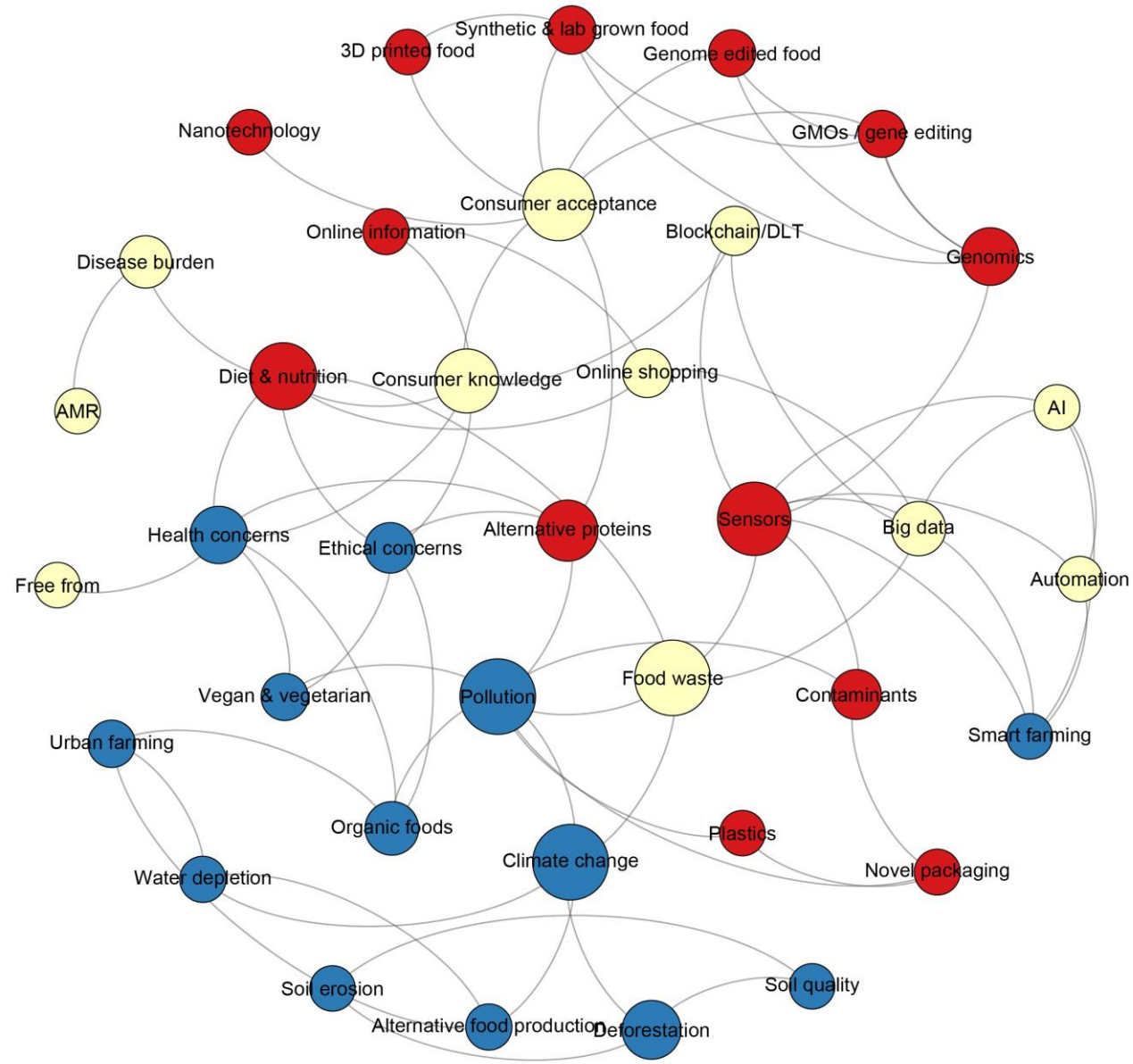


Figure 1: Global food systems map







## Challenges

- Climate change
- Consumer trust
- Food waste and packaging
- International trade
- Nutrition
- Provenance & traceability
- Skills & workforce
- Technology acceptance



## Tools & Approaches

- Communication**
  - information
  - education
- Governance**
  - integration
  - regulation
- Changing practices**
  - dietary shift
- Technology**
  - genetics
  - sensors
- Data-driven decisions**
  - AI
  - Blockchain / DLT



## Waymarks

- Considered consumer**
  - informed
  - selective
  - healthy
- Supportive system**
  - one health
  - equitable
  - cross-government
- Receptive industry**
  - responsive
  - values-driven
  - profitable



## Goals

### Products

Safe and authentic

Affordable and healthy

### Processes/Systems

Sustainable and ethical

Resilient and adaptable



# Workshop on global food systems risks and opportunities and their implications for FSA, 12 September 2018

## Agenda;

09:30-10:00	Arrival & Coffee
10:00-10:15	Guy Poppy- Opening/Introduction to the goals of the Workshop (15mins)
10:15-10:40	Elta Smith- Overview of RAND project/process for assessing global food system risks and opportunities (25mins)
10:40-11:00	Qs/Discussion (20mins)
11:00-11:10	Briefing for Discussion Groups (10mins)
11:10-11:15	Movement* (5mins)
11:15-12:05	Parallel Discussion Groups (10mins Chair's Introduction + 40mins Discussion) <ul style="list-style-type: none"> <li>• Consumer; <b>Sue Davies</b> (Chair) &amp; Mark Rolfe (Rapporteur)</li> <li>• Technology; <b>Wayne Martindale</b> (Chair) &amp; Patrick Wolfe (Rapporteur)</li> </ul>
12:05-12:10	Movement (5mins)
12:10-12:40	Report to plenary by Rapporteurs (10mins + 5min Qs Each)
12:40-13:40	Lunch (60mins)
13:40-14:30	Parallel Discussion Groups (10mins Chair's Introduction + 40mins Discussion) <ul style="list-style-type: none"> <li>• Food Industry; <b>Judith Batchelar</b> (Chair) &amp; John O'Brien (Rapporteur)</li> <li>• Environment; <b>John Ingram</b> (Chair) &amp; Laura Green (Rapporteur)</li> </ul>
14:30-14:55	Movement/Coffee (25mins)
14:55-15:25	Report to plenary by Rapporteurs (10mins + 5min Qs Each)
15:25-15:45	Guy Poppy- Wrap-up and feedback on next steps (20mins)
15:45	Close

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# Next Steps for Discussion

## Reflecting on Phase One ask;

- Does the RAND report fully deliver what is required; does the Science Council have what it needs to be able to provide a complete and properly evidenced answer to Phase 1?
- How should the Science Council add further granularity? Additional consideration of parallel external efforts? – e.g. recent technical conferences and publications in support of task
- Conclusions and key learnings of the September workshop?
- Priorities identified?
- Learning experience of WG/Steering Group?

*Rand to present stuff to FSA staff on 23<sup>rd</sup> January; 12:00-13:00. Council members welcome if available to attend.*

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# Proposed next steps

- Final feedback discussion with RAND, 13 December 2018. Publication of RAND report.
- Write up and amalgamate the different streams of information
- Inputs: RAND report; Workshop presentations, materials and notes; WG3/FSA/Steering group insights; key 2017/18 conference notes and presentations (e.g. Lloyds Register Foundation: *Rethinking Food & Food Safety*, IFT, IFST, etc); key publications.
- Output: Discussion paper (15-20pp) structured around the five questions, highlighting key trends and opportunities for FSA.
- Delivery date: 31 January 2019
- Basis for final discussions of WG3 to formulate draft recommendations
- Submission to Science Council for discussion and final recommendations ~TBD

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## Afternoon Workshop; Phase 2

*What should the FSA do to improve its horizon scanning capability in the longer term?*

- Discuss FSA's current HS activity, capability and capacity
- Example of HS activity and capability in another part of Government
- Develop plans to address the Phase 2 question