



National meeting, INIA  
Spain, May 2017

# SCAR **FOOD SYSTEMS** SWG & FOOD 2030 STRATEGY

2017-2019

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## STORIFYING

From FP6 to H2020 JPIs and a variety of ERA-NETs

Endorsement at International level of the “Food and Nutrition security” concept (FAO-WHO 2ICN, 2014)

- **Feed the planet EXPO 2015:** *how science and innovation can help to ensure safe, nutritious, sufficient and sustainable food across the world*
- **Food 2030 R&I for Tomorrow Nutrition and Food systems**



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## Why :

Food systems have a central role in the bioeconomy given the 'food comes first' principle.

Food is more than just biomass and has its own questions dealing with historical, social, cultural, environmental and economic dimensions.

Food systems are complex systems affected by major societal and interrelated challenges such as climate change, migration, a growing world population, urbanization, resource scarcity, malnutrition.

Timely and fully relevant with Food 2030 priorities





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## What:

Provide advice and support to the EU Research & Innovation policy framework **FOOD 2030** as well as to the review of the Bioeconomy strategy.

Provide strategic intelligence and orientation by integrating and analysing the different regional, national, European and international initiatives in place.

Help move towards better FNS R&I policy coherence as well as FNS R&I strategic orientation .





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## How: 2017 activities

February 1 and 2 : Identify during a workshop in Brussels the most impactful cross cutting Food Systems issues and determine *concrete follow-up activities* to be done by the SCAR SWG FOOD SYSTEMS.

Before June: mapping of policies and funding done at national and regional level related to Food Systems and provide insight in what type of policies and strategies exist that are linked to Food and Nutrition security and the priorities of FOOD 2030.



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## 2017 activities - 1

### February 1 and 2: joint meeting in Brussels **SCAR FOOD SYSTEMS SWG with DG RTD - DG JRC**

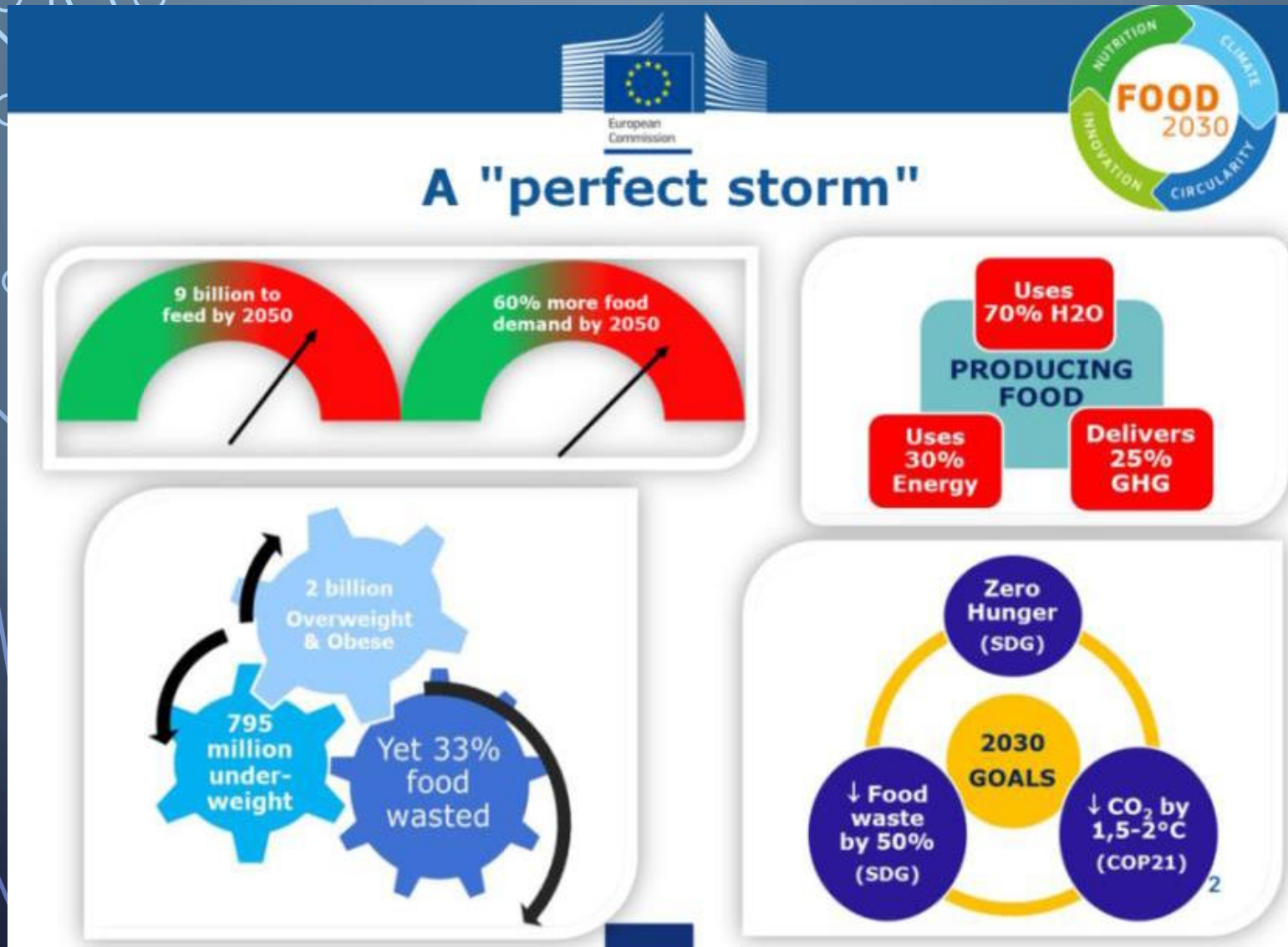
Invited SCAR groups – JPIs – DG Agri – DG  
Santé

Identify the **most impactful cross cutting  
Food Systems issues** and determine  
**concrete *follow-up activities*** to be done by  
the SCAR SWG FOOD SYSTEMS

Draft work plan

Workshop Newsletter





# The Food System





FOOD 2030 is about shaping R&I so that it contributes to **4 FOOD 2030 Priorities**:

- ☐ **NUTRITION** for sustainable and healthy diets
- ☐ **CLIMATE** smart & environmentally sustainable food system
- ☐ **CIRCULARITY** and resource efficiency of food systems
- ☐ **INNOVATION** and empowerment of communities



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And with the help of **4 FOOD 2030 Drivers**

→ **Innovation & Investment: Regional, Private sector collaboration**

→ **Open Science: Open access and data sharing; engagement, education & skills**

→ **Research: ICT, Food systems science & transdisciplinarity**

→ **International collaboration: Partnering with Member States, International Bioeconomy Forum**

## Food systems: What are these? Why a FS approach?

What is food system?

- A **concept** to look in a more integrated way at biophysical flows (food) – economic and institutional setting and health, environmental and economic outcomes

Why a food system approach?

- To understand what drives production and consumption
  - Address all food system activities from production to consumption
  - Include all natural resources
  - Include human nutrition and health outcomes
  - Include socio-economic outcomes (farm incomes, rural livelihoods)
  - Expand the focus of attention from farmers only to food companies, retailers and consumers.
- To identify effective interventions for better outcomes
  - Policies, R&D etc

## Draft FS SWG Work plan: 5 cross-cutting areas identified

- Monitoring Food systems outcome in light of governance and future proofing – *report: Henk Westhoek & Niels Halberg*
- ‘Food environment’ drivers and outcomes – *report Jolien Wenink*
- 0 waste from Food Systems: *report Lisbeth Munksgaard*
- Increasing diversity among food systems– *report: Monique Axelos*
- Knowledge management / education - dissemination - training - awareness –  
*report Eda Flores*



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## In progress:

- Member states consultation until end of April
  - *comments on these work plan area and ideas to make them more doable*
  - *Identify priorities for each country*
- Quantitative mapping of funding by 3 pilot countries
- Qualitative mapping of policies, all European member states.





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## 2017 activities – 2

### **February 3: joint meeting in Brussels with the SCAR AKIS –DG AGRI- DG RTD**

Presentation of SWGs AKIS background, AKIS 4 mandate and 2017 draft work plan

Presentation of SWGs FOOD SYSTEMS mandate and 2017 draft work plan

Presentation of relevant EU initiatives linked to both SWGs activities (EIP-AGRI, FOOD2030)

Discussion and exploration of topics of common interest



**In progress:**

- **Proposal: A joint workshop with AKIS** on  
« Innovation along the food supply chain »  
(tentative title)  
For FS: include in the crosscutting area on  
« increasing diversity among food systems »
- **Informal discussion with SCAR ARCH**  
(not formalized) to organized a joint ARCH-  
Food System workshop on the role of  
European actors in making food systems  
more sustainable focus on global dimension



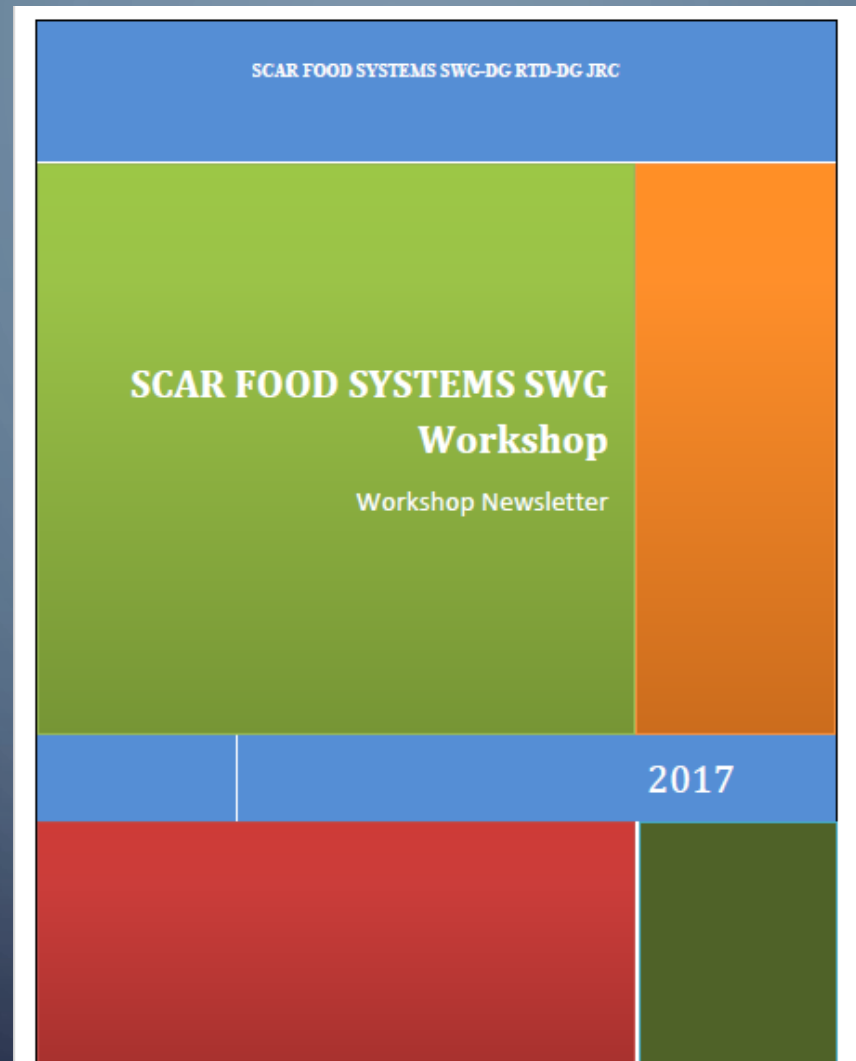
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**19 Members** States are already involved in  
the SCAR SWG FOOD SYSTEMS :

AT, BE, DE, DK, EE, **ES**, FI, FR, HU, IE, IT,  
LT, LU, NL, NO, RO, SE, TR, UK

*We invite you to actively contribute!*





***Thank you***