

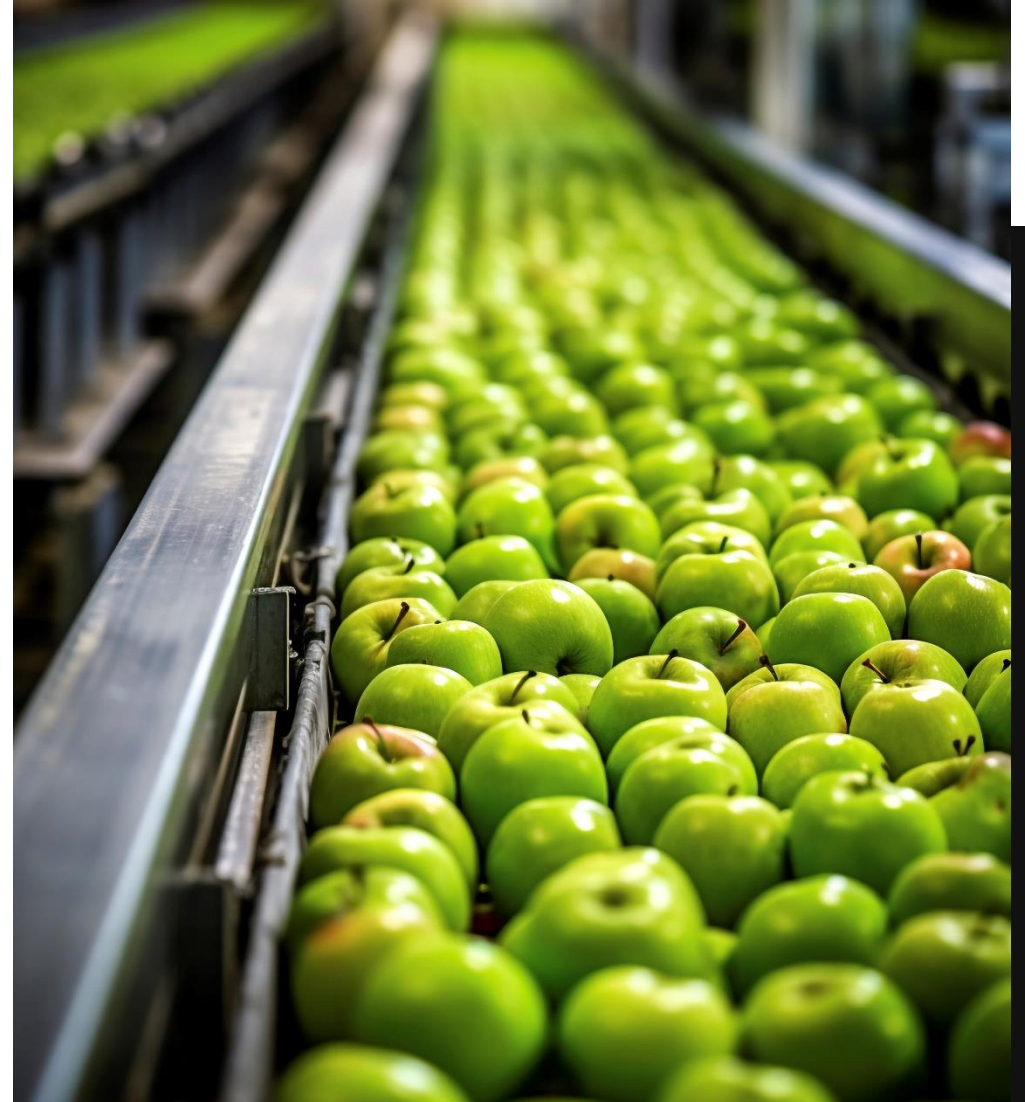
FutureFoodS

Food systems observatory (WP5)

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FutureFoodS partner meeting, 21 January 2025



Motivation



The European Energy Markets Observatory, 16th Ed, Capgemini, Denmark



M. Scheffer, *Critical Transitions in Nature and Society* (Princeton Studies in Complexity, 16), 2019

Definition and scope

The food systems observatory is a platform for sharing methods, data and assessments on the sustainability of European food systems and critical points in the transition to a sustainable future of food systems.

Task leaders	INRAE, CREA, UNIFIR, RIVM, BLE, WUR
Contributors	AGES, UFT, AUP, BfR, ATB, AU, DAFA, CSIC, EA, PTFOS, CIHEAM Bari, UNITS, IJZRSM, INIAV, IRCEM, CENM-IMR, UL-BF, JSI
Country coverage	Austria, Bulgaria, Croatia, Germany, Denmark, Estonia, France, Greece, Hungary, Italy, North Macedonia, Netherlands, Portugal, Romania, Serbia, Slovenia (poss. expanding to all FutureFoodS)

Specific objectives in first two years

Task 5.1 – Mapping existing monitoring activities

- Conceptual framework of sust. food system
- Map and review existing indicators and metrics
- Map data ecosystems and capabilities

Task 5.2 – Developing methods and protocols for combining and harmonizing data on partial aspects of FS into a coherent State of the Food Systems Transition

- Scope on business, consumption, waste, etc.
- Data consolidation, harmonization

Task 5.3 – Developing & piloting new forms of longitudinal monitoring on food systems transition in the EU

- Identify “sentinel sites” for tracking transitions
- Define distributed monitoring approaches

Task 5.4 – Providing infrastructure for consolidating and using data

- Research infrastructure and data sharing
- Decision support system

Task 5.5 – Providing foresight and deliberation on potential future policy targets for SFS and establishing practices for reflexive monitoring and learning

- Indicators on critical drivers of transitions
- Foresight for informed SFS policy making

Task 5.6 – Delivering a State of the Food Systems Transition assessment report in year 2 and 5

- Synthesis
- Science for policy interface (with other WPs)

Progress – partnership management

Governance of WP5 established:

- Task leader committee for effective management
- Regular partner meetings (table)
- Partner engaged in meetings
- Partnerships
 - Established: EC Joint Research Centre, FOODPaths
 - Anticipated: Agroecology (AELLRI), EuroStat, EFSA

Main governance challenges:

- Activating all partners in the R&I actions (110+ people on contact list)
- Communication int./external

Committee (Objectives
co-leaders (3-weekly)	Daily management Cross-WP collaboration Partner management Communication Relations with ongoing initiatives
task leaders i.e. “WP5 core team” (6-weekly)	Cross-task collaboration Cross-WP synergies: <ul style="list-style-type: none">•Capacity building (also WP2, WP8)•Data collection strategies Risk and mitigation
WP5 partners (3-monthly)	Knowledge exchange Building a shared vision Capacity building Networking

Next WP5 partners meetings:
26 Febr. & 28 May 2025

1. Sustainable food systems – conceptual framework for Observatory:

- Dimensions, based on review: environmental, economic, social, nutrition & health
- Deviation from FutureFoodS framework
- Needs analysis and Capacity building for a shared conceptualization of the framework

2. Preparing combined data collection on mapping indicator uses and research infrastructures

- Focus on mapping among WP5 partners (Tasks 5.1 & 5.2)
- Question how to involve other WPs & FutureFoodS partners

3. Exploring new forms of monitoring – main directions

- Crowd intelligence and automated data collection
- Combine micro data ("sentinel sites") with meso/macro level, mixed data

Scientific progress

Initiating food systems foresight (Task 5.5)

- Exploring drivers of food systems change and transformation pathways
- Alignment with SCAR 6th Foresight

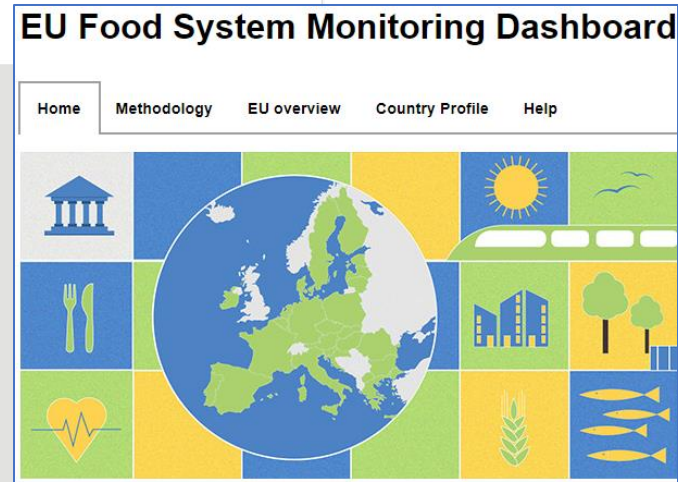
Building a shared vision on the Observatory with all partner

- Wide variety of frameworks and visions of Observatory among task leaders and partners
- Develop partner position papers (to be discussed at WP5 consortium meeting 26 Febr 2025)
- Develop a position paper with the shared vision, vision building process (until summer)

***Interest among FFS partners and boards to participate in the visioning process?
Let us know!***

Reference points and user orientations

1) Positioning vis-à-vis existing observatories, incl. JRC and FSCI



EU food system monitoring framework. From concepts to indicators

Tóth, K., Acs, S., Aschberger, K., Barbero Vignola, G., Bopp, S., Caivano, A., Catarino, R., Dominguez Torreiro, M., Druon, J., De Laurentis, V., Di Marcanonio, F., De Jong, B., Ermolli, M., Guerrero, I., Gurria, P., Leite, J., Lique, C., Maffettone, R., M'barek, R., Olvedy, M., Panaos, P.

nature food



Analysis

<https://doi.org/10.1038/s43016-024-01109-4>

Governance and resilience as entry points for transforming food systems in the countdown to 2030

2) Collaboration with FoodPaths on user orientations

Range of possible user orientations*, e.g.

- "Data hub"
- "Testing ground for monitoring tools"
- "Peer learning platform"
- "System-level MEL (monitoring, evaluation and learning)"
- "Inform the watchdogs"

Forthcoming report:

food|paths

D 2.4

FUNCTIONING FOOD SCIENCE APPROACHES & OBSERVATORY

* Own observations at workshop, 3/12/'24, Budapest (36 part.)

Work plan for the 2nd grant

1. Discussion with the task leads on capacity commitments for the second period (planned 27-Jan)
2. Start working on planning the work for the upcoming years in more detail for the next work plan
3. Ideas for continuation of the Observatory after 10-year timeline of FutureFoodS included into vision paper

Thank you for your participation

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Thank you
for **listening**

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