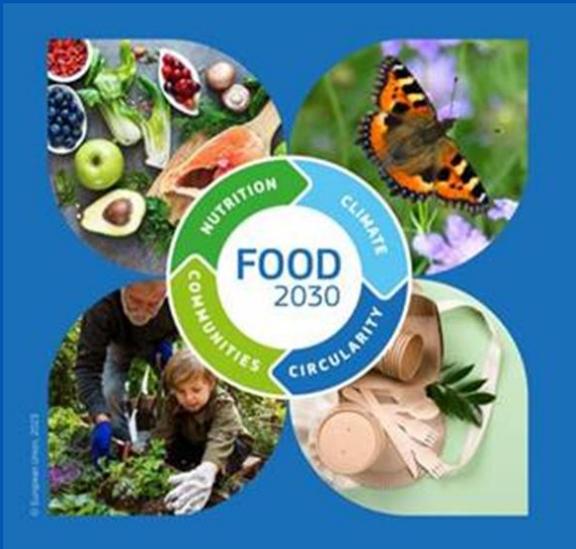


Setting the scene on the European Food Safety Systems. Science for Policy



Jorge Molina Villanueva

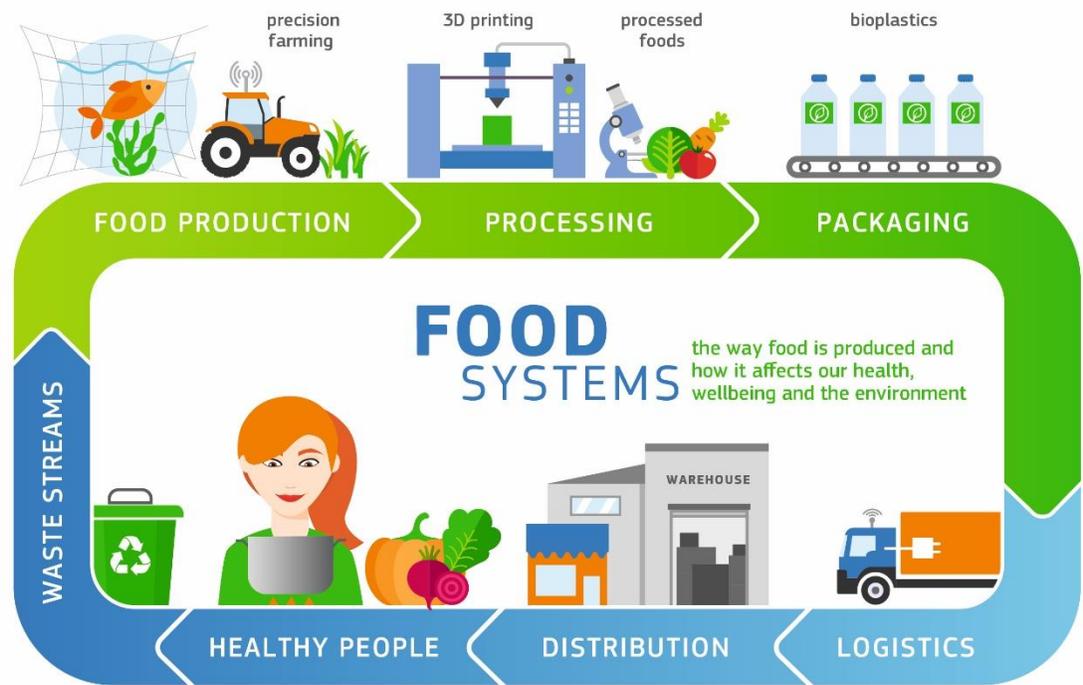
Bioeconomy & Food Systems Unit
DG Research & Innovation
European Commission



Science for policy: introduction

- The challenges the world is facing (COVID-19 pandemic, climate change, the digital and green transitions...) **require unprecedented levels of scientific knowledge and expertise.**
- **Building robust science-for-policy ecosystems is fundamental** with challenges such as:
 - The **need for better connections and relationships** between actors and organisations in both research and in public administration
 - The **need to improve professional competences** of both scientists and policymakers
 - The **need for good governance in informing policy with science** through transparent and participatory processes among others.
- Scientist and policymakers continue to lack regular and well-supported opportunities to meet and exchange ideas

Food 2030: EU R&I Policy Framework future-proofing our food systems



Priorities

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

- Need for a systemic approach to future-proofing food systems by structuring, connecting and scaling-up R&I
- To provide **evidence** for policies and **solutions** (knowledge, methods, technologies, services, business models, etc) addressing 4 priorities.

Drivers

-  **Research breakthroughs**
-  **Innovation and Investment**
-  **Open Science**
-  **International collaboration**

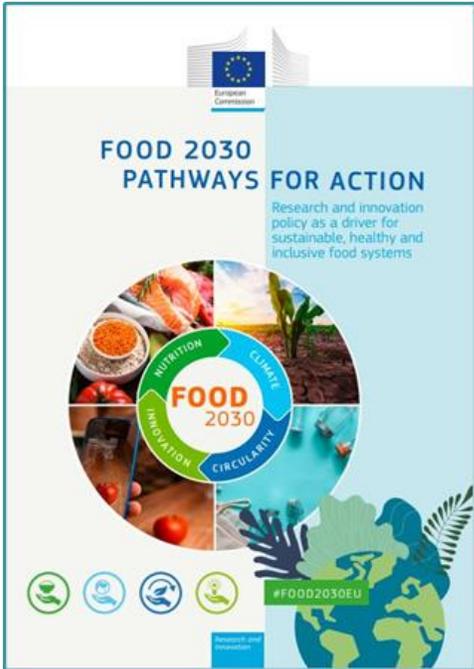
 #FOOD2030EU

Research and Innovation

 #FOOD2030EU



Food 2030 pathways for co-benefits



Over 100 projects
Over 760 M EUR

The approach should be “systemic” – delivering co-benefits, inter/transdisciplinary and multi-actor including primary producers, processors, retailers, food-services, civil society, researchers, policymakers, etc.

Placed-based approaches will be key to testing, demonstrating, experimenting, deploying, partnering, learning, sharing !!

All types of innovation: social, governance, technology ...

	Projects	Investment (in millions)	Nutrition	Climate	Circularity	Communities
GOVERNANCE & SYSTEMS CHANGE	6	31	+++	+++	+++	+++
URBAN FOOD SYSTEMS TRANSFORMATION	7	70,8	++	+++	+	+++
FOOD FROM OCEANS & FRESHWATER RESOURCES	27	175	+++	+++	++	++
ALTERNATIVE PROTEINS & DIETARY SHIFT	8	77	+++	+++	++	+++
FOOD WASTE & RESOURCE EFFICIENCY	13	102	++	+++	+++	++
THE MICROBIOME WORLD	9	80,5	+++	+++	+++	+
HEALTHY, SUSTAINABLE & PERSONALISED NUTRITION	8	68	+++	++	+	++
FOOD SAFETY SYSTEMS OF THE FUTURE	9	43	++	+++	++	++
FOOD SYSTEMS AFRICA	23	70,5	+++	++	++	+++
FOOD SYSTEMS & DATA	7	49,8	+++	++	+++	+++



HORIZON EUROPE

THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

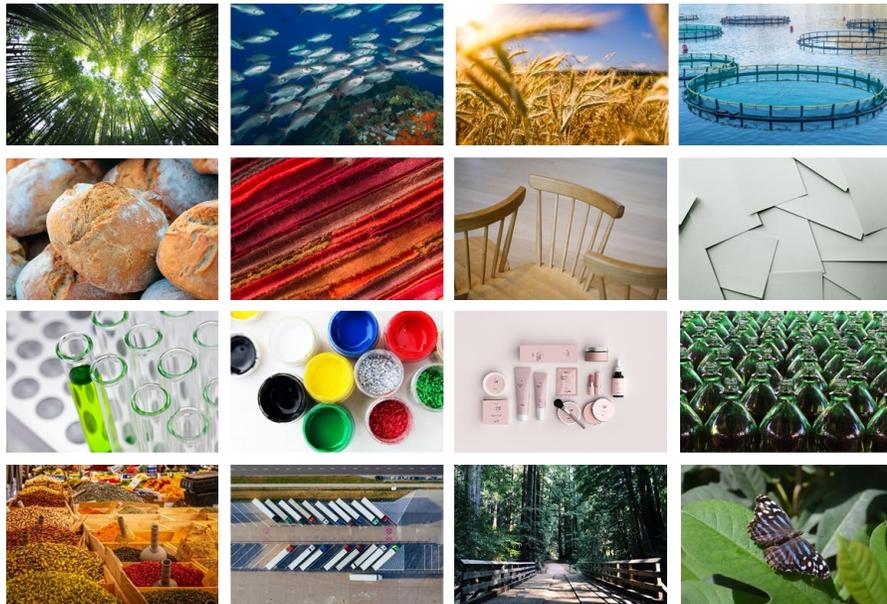
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Regional Innovation Valleys for Bioeconomy and Food Systems

As a contribution to the New European Innovation Agenda (NEIA)

DG RTD created a thematic use case on **Regional Innovation Valleys for Bioeconomy and Food Systems**



New European Innovation Agenda: five flagships

Funding for deep tech scale-ups



Enabling deep tech innovation through experimentation spaces and public procurement



Improving policy making tools



Accelerating and strengthening innovation in European Innovation Ecosystems across the EU and addressing the innovation divide



Fostering, attracting and retaining deep tech talent



Conclusions

- Given the policy context, urgency and complexity of food systems transitions **“Yes, Science for Policy has a more important role than ever”**.
- **R&I policy is a neutral multi-actor convening space** to address systemic issues and meet the ambitions of Green Deal.
- **Horizon Europe** provides significant funding and directionality in support of a systemic **“transition towards resilient and sustainable food systems”** including the **Food Safety Systems of the Future**.

NEWS ARTICLE | 6 June 2023 | Directorate-General for Research and Innovation

Food 2030 conference: Green and Resilient Food Systems



Are you interested in transitioning towards sustainable, resilient and inclusive food systems for the benefit of the environment and economy? Mark your calendar for our Food 2030 conference, which will take place in Brussels and will be web streamed on 4 and 5 December 2023

Registrations for in-person and online participation will open mid-September.

Follow us here for more updates and on Twitter: @EUScienceInnov - #Food2030EU.

[4-5 Dec in Brussels and online](#)

[Food 2030 conference: Green and Resilient Food Systems \(europa.eu\)](#)

Thank you



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