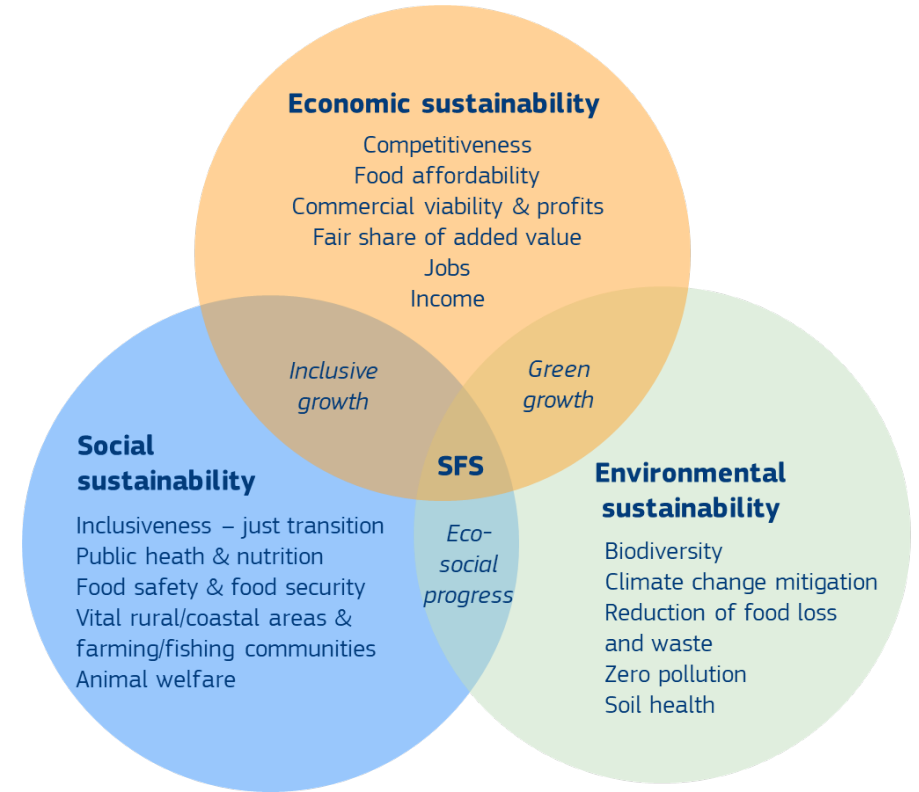

Horizon Europe Information and Brokerage Event – India

Brussels (Belgium) 21 February 2023
DG Research and Innovation – European
Commission



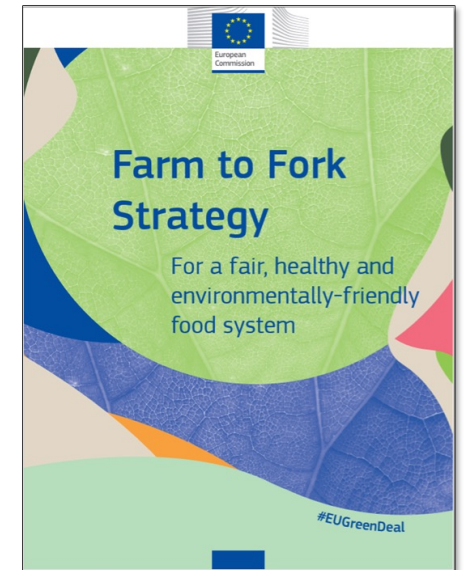
The European Green Deal



A sustainable food system (SFS) ensures **environmental, social and economic sustainability**

Farm to Fork Strategy – Horizontal enablers

- Inclusivity /partnerships/ broad societal consensus in favour of sustainable food systems
- Cooperation across governance levels and policy areas
- Leaving no one behind / just transition
- Role of research & innovation in driving the transition
- Financial support to speed up investments and support actions
- Role of cities and rural communities
- Successfully integrate external/international dimension



Horizon Europe: 2021-2027

Pillar 1

Excellent Science

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures

Pillar 2

Global Challenges and European Industrial Competitiveness

- Clusters
1. Health
 2. Culture, Creativity and Inclusive Society
 3. Civil Security for Society
 4. Digital, Industry and Space
 5. Climate, Energy and Mobility
 6. Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3

Innovative Europe

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

HE tackles climate change, helps to achieve the UN's Sustainable Development Goals and boosts the EU's competitiveness and growth.

Horizon Europe: 2021-2027



CHECK THIS OUT!

[Horizon Europe work programmes \(europea.eu\)](https://europea.eu)

CHECK THIS OUT!

[Funding & tenders \(europea.eu\)](https://europea.eu)

HORIZON-CL6-2023-FARM2FORK-01-11

New detection methods on products derived from new genomic techniques for traceability, transparency and innovation in the food system

Research and Innovation Action

*Indicative budget: 10 M€ in total
(5 M€ per project)*



HORIZON-CL6-2023-FARM2FORK-01-11



POLICY CONTEXT

European Green Deal



Farm to Fork Strategy

- Research and Innovation topic in line with the European Green Deal priorities, and,
- The farm to fork strategy for a fair, healthy and environment-friendly food systems



Contribute to ensuring traceability and authenticity, enhancing transparency and promoting innovation in the area of new genomic techniques.



EXPECTED OUTCOMES

- New **reliable detection methods**;
- Empower **enforcement authorities, developers and agri-food operators** for the authenticity and traceability of products obtained through new genomic techniques;
- Enable **informed consumer choices** by enhancing **transparency and traceability** across the food chain;
- Enable **innovation in the food system** linked to new genomic techniques.

Related impact: sustainable, healthy and inclusive food systems delivering co-benefits

HORIZON-CL6-2023-FARM2FORK-01-11



SCOPE

- Examine innovative ways and/or specific markers that **would allow for distinction between products** resulting from new genomic techniques subject to the GMO legislation and products that are not subject to the GMO legislation;
- Methods should be assessed on **pure products as well as on mixtures** typical of food or feed products in the market;
- Proposals should always include **plant-based products** and may include also **animal and/or microorganisms-based** products;
- Proposals could also include **digital/virtual/AI modelling** aspects along with the detection methods alternatives;
- Development and validation of standardized methodologies and the contribution to **future standardisation processes** is encouraged.



KEEP IN MIND

- RIA – Research and Innovation Action
- TRL 4-5 by end of project
- Cooperation with JRC (Joint Research Centre) and the European Network of GMO Laboratories (ENGL)
- Seek synergies and capitalise on the results of past and ongoing research projects, e.g. HORIZON-CL6-2021-ZEROPOLLUTION-01-08
- International cooperation

Thank you



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