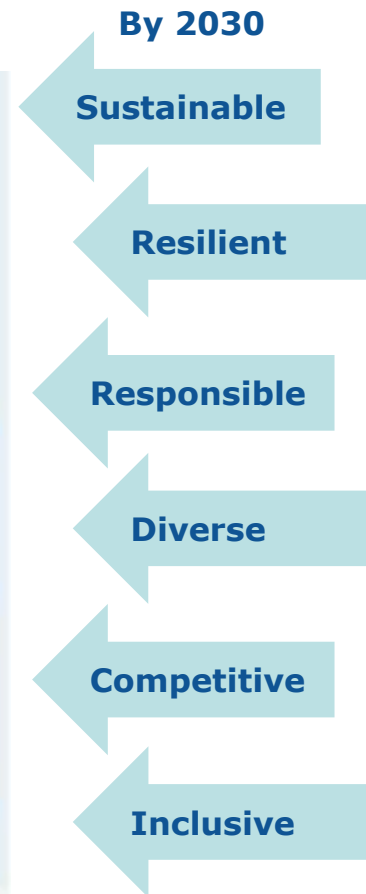




# Research & Innovation for tomorrow's nutrition and food systems

**Hans-Joerg Lutzeyer**  
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DG Research & Innovation  
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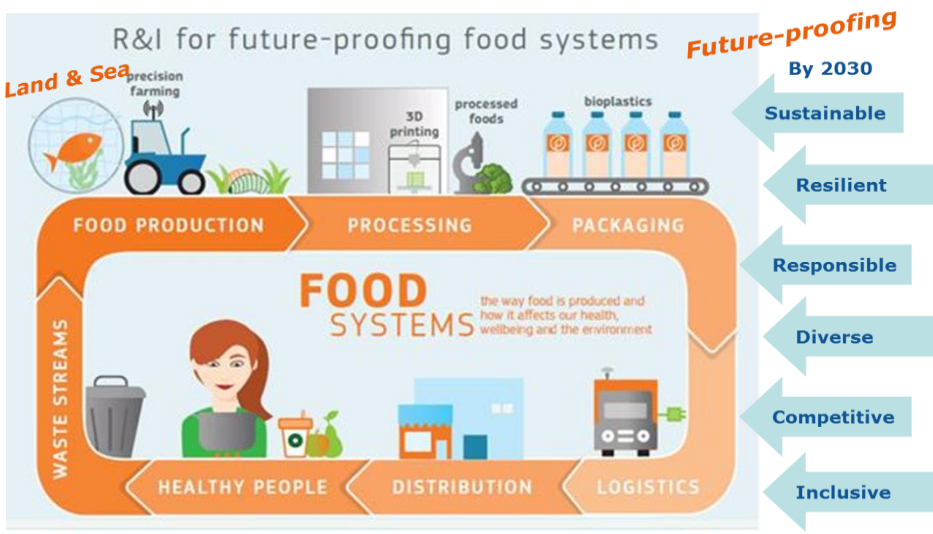
# The Food System





# FOOD 2030





## R&I for tomorrow's nutrition & 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

### Drivers

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

 **#FOOD2030EU**

- **Perfect Storm:** climate change, population growth, resource scarcity, malnutrition, obesity & NCDs
- **Political opportunity:** response to SDGs, COP21+, Junker priorities
- **Investment opportunity:** EU underinvesting in food & agri R&I despite high returns on investment
- **Need for a systemic approach** to future-proofing food systems via more impactful R&I

# LC-SFS-17-2019: Alternative proteins for food and feed – 32 M€



- **WHY? Feeding the world of today and tomorrow**
  - To ensure sufficient, nutritious, safe and affordable food to a fast growing global population with changing dietary habits while facing climate change and natural resource scarcity
- **Policy/EU initiatives : SDGs, Food2030, New CAP, EU Bioeconomy Strategy**
- **Goals:**
  - Future-proofing protein supply chains for *food and/or feed*, based on the principles of diversity, sustainability and resilience
  - Develop new market opportunities for novel products, exclusively or partly derived from non-traditional proteins (plant-based, aquatic, insects, ...)





# CE-SFS-24-2019: Innovative and citizen-driven food system approaches in cities

- **WHY?** How to provide the inhabitants of European cities with affordable, safe, and nutritious food – Disconnection of citizens from food & nature is a challenge
  - There is a need to connect producers to consumers, to empower cities in food systems as actors of (open) innovation, to stimulate development of cities as innovative food hubs, to develop sustainable urban food environments
- **Policy/EU initiatives:** SDGs, EU Urban Agenda, Circular economy, Jobs & Growth in cities, FOOD 2030
- **Goals:**
  - Explore and share the application of food-related urban innovative approaches (based on citizen science and engagement) in a wider range of European cities
  - Develop an online accessible assessment of benefits of existing approaches
  - Validate benefits of pilot activities for citizens to increase their engagement





## SFS 34-2019 Food Systems Africa – 21 M€

### Goal: Linked to Pillar 2 of the EU-Africa FNSSA Roadmap

food-supply chains to local urban and high value global markets (conventional and organic), multiactor approach, food safety (incl. free of mycotoxins), reduced food waste, sustainable post-harvest technologies (incl. bio-based packaging)

### Expected Impact:

sustainable healthy African diets in 10 African cities,

Empowerment of small farmers and food SMEs

contributing towards reduction of malnutrition within the first 1000 days of life

# Call deadlines

Opening	Submission procedure	Stage	Deadline	Info to applicants	Grant Agreements
31 Oct. 2017	<b>single stage</b>	Single stage	<b>23 Jan. 2019</b>	June 2019	Oct. 2019
	<b>2-stages</b>	1 <sup>st</sup> stage	<b>23 Jan. 2019</b>	May 2019	-
		2 <sup>nd</sup> stage	<b>04 Sept. 2019</b>	Nov. 2019	May 2020

## **Bulgarian EU Presidency: 2nd FOOD 2030 High Level Event**

### **"Research & Innovation for Food and Nutrition Security – Transforming our food systems"**

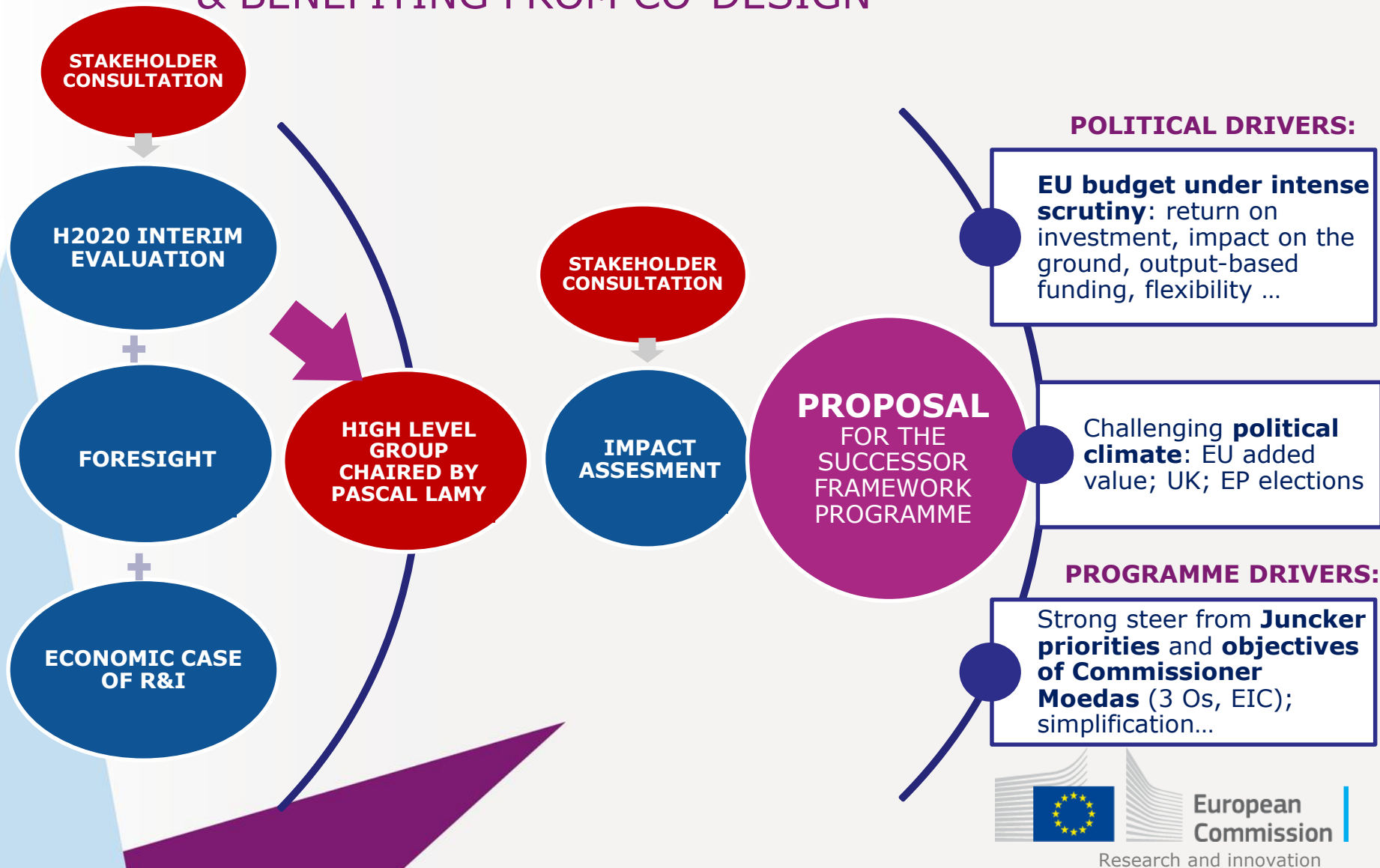
**14-15 June 2018, Agricultural University, Plovdiv, Bulgaria**

- **The systemic approach, as called for by FOOD 2030, requires linking land and sea; connecting producers to consumers - and back, towards achieving four overarching priorities: nutrition for healthy and sustainable diets, climate and environmental sustainability, circularity and resource efficiency, innovation and empowering communities.**
- **Understanding the complexity of food systems and implications for R&I**
- **Building R&I ecosystems and place-based solutions to support food systems transformation,**
- **Strengthening R&I alignment and investments through better governance**
- **Boosting future investments in R&I in Europe, leverage private investments and increase synergies with public funding.**
- **Identifying how, who and what R&I is needed to transform our food systems**
  
- **The online registration will open in a few weeks.**





# TOWARDS FP9: LEARNING FROM THE PAST, CONSIDERING THE FUTURE & BENEFITING FROM CO-DESIGN





## TOWARDS FP9: LAMY HIGH LEVEL GROUP

Set up by Commission Decision in September 2016, in the context of the results of the Horizon 2020 interim evaluation, the Group's mandate was:

- to formulate a vision for future EU research and innovation;
- to draw strategic recommendations on maximising the impact of EU R&I programmes in the future, i.e. how to fulfil that vision.

Wide range of European stakeholder organisations and EU institutional actors were consulted for feedback in key questions.

Published on 3 July 2017 during 'R&I – Shaping our Future' conference in Brussels, the report 'LAB – FAB – APP: Investing in the European future we want' with 11 recommendations and accompanying actions is available at:

[https://ec.europa.eu/research/evaluations/index\\_en.cfm?pg=hlq](https://ec.europa.eu/research/evaluations/index_en.cfm?pg=hlq)

Members of the High Level Group will act as ambassadors for the recommendations during the months ahead (a follow-up meeting is scheduled for January 2018).





# TOWARDS FP9

## INDICATIVE TIMELINE

<b>2017</b>	
<b>Jan</b>	Public stakeholder consultation for the interim evaluation (with some forward looking questions) closed on 15/01
<b>May</b>	Publication of the Staff Working Document on the Interim Evaluation (evaluation results based on legal base requirements & 5 mandatory evaluation criteria)
<b>June</b>	<ul style="list-style-type: none"><li>• Assessment of Horizon 2020 implementation in view of its interim evaluation and the Framework Programme 9 proposal by the European Parliament (EP);</li><li>• ERAC Opinion on the interim evaluation of H2020 and in view of the preparations of the next FP</li></ul>
<b>July</b>	<ul style="list-style-type: none"><li>• Publication of High Level Group report and stakeholder conference on Horizon 2020 Interim Evaluation (3 July)</li><li>• Informal Competitiveness Council, Tallinn</li></ul>
<b>Q4</b>	<ul style="list-style-type: none"><li>• H2020 Work Programme 2018-2020 integrating main findings from the Interim Evaluation</li><li>• Spending review of Horizon 2020</li><li>• Adoption of the Commission Communication on the results of the interim evaluation of H2020 and the recommendations of the Lamy High Level Group</li><li>• Launch of the Public Stakeholder Consultation (12 weeks)</li></ul>
<b>2018</b>	
<b>May</b>	<ul style="list-style-type: none"><li>• Comprehensive proposal for the future Multiannual Financial Framework beyond 2020</li><li>• Launch of the ISC for the FP9 IA</li></ul>
<b>(June/July)</b>	Proposals for the next generation of programmes and new own resources, including the next R&I Framework Programme & accompanying Impact Assessment
<b>2019</b>	
	<ul style="list-style-type: none"><li>• European Parliament elections, appointment of the new Commission</li><li>• EP and Council negotiations and eventual adoption of the FP9 proposal</li><li>• First WP development for the FP9</li></ul>
<b>2021</b>	
	Launch of the 9th Framework Programme



## TOWARDS FP9

### Public Consultation on FP9:

[http://ec.europa.eu/budget/mff/index\\_en.cfm](http://ec.europa.eu/budget/mff/index_en.cfm)

[https://ec.europa.eu/info/consultations/public-consultation-eu-funds-area-investment-research-innovation-smes-and-single-market\\_en](https://ec.europa.eu/info/consultations/public-consultation-eu-funds-area-investment-research-innovation-smes-and-single-market_en)

### Update:

[@Moedas](#) [@EUScienceInnov](#) [@EU\\_H2020](#) [@HorizonMagEU](#)

<https://www.facebook.com/EUScienceInnov/>

<https://www.facebook.com/cmoedas/>

### **EU Bioeconomy website**

<http://ec.europa.eu/research/bioeconomy/index.cfm>

### **Food2030**

<https://ec.europa.eu/transparency/regdoc/rep/10102/2016/EN/SWD-2016-319-F1-EN-MAIN.PDF>

# Thank you!

**#InvestEUresearch**

**#H2020SC2**

[www.ec.europa.eu/research/bioeconomy](http://www.ec.europa.eu/research/bioeconomy)

[www.ec.europa.eu/agriculture/research-innovation\\_en](http://www.ec.europa.eu/agriculture/research-innovation_en)

Participant Portal

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

# Resources, guidance and tools

- **Useful pages and documents**

- Horizon 2020 [online manual](#)
- [Reference documents](#) : work programmes, legal and guidance documents
- [Frequently asked questions](#) (FAQ) on participant portal
- [IT Helpdesk](#) for questions about the Participant Portal tools and processes
- [How to manage data](#): open data, open access, data management plans
- [Communication](#) and [dissemination](#): [what's the difference?](#)

- **You have a specific question?**

- Contact your [National Contact Point](#) or the Horizon 2020 [helpdesk](#) for guidance, practical information and assistance on all aspects of participation in Horizon 2020.