



European
Commission

Designing the path A **strategic approach** to EU agricultural **research & innovation**



Brussels, Charlemagne building
26-28 January 2016

#EU_AgriResearch



PROGRAMME

*Agriculture
and Rural
Development*



The programme at a glance

PRE-EVENTS

Preparing the debate on specific issues

ROOMS

- JENKINS
- MANSHOLT
- PRESS CORNER
- DE GASPERI

MAIN CONFERENCE

Plenaries – Introduce strategy and policy goals, explain the need for long-term approaches and coordination, discuss societal expectations

Parallel sessions
Discuss various implementation aspects, kick-off processes and list important follow-up action

Concluding plenaries
wrap-up the main results of the parallel sessions and discuss issues of importance for future implementation

26 January

13:00 ▶ 17:30	A long-term strategic approach to agricultural research in Europe - national snapshots (Bioeconomy Stakeholders workshop) ▶ 14:00-17:00	Fostering the impact of agricultural research and innovation on global challenges - The role of platforms, partnerships and policies ▶ 13:00-17:30
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27 January

09:00 ▶ 12:00	Agricultural knowledge and innovation systems for the future (SCAR AKIS Strategic Working Group) ▶ 09:00-12:15	International soil research – opportunities for synergy and cooperation with FACCE-JPI ▶ 09:00-12:00
13:15 ▶ 13:45	STAR-IDAZ International Research Consortium Launch celebration	
13:45 ▶ 19:15	Opening: Advancing EU policies through research and innovation European Commissioner Phil Hogan Council Presidency	
	The imperative of long-term coordinated approaches in agriculture R&I	
	Societal expectations for research and innovation from farm to fork	

28 January

08:30 ▶ 10:30	1- Adopting a systems approach across farms, value chains and territories	2- Fostering synergies among Member states and with EU framework programmes	3- Setting the right conditions and incentives for knowledge creation & sharing
11:00 ▶ 13:00	4- The global dimension: fostering the contribution of EU research and innovation towards global challenges	5- Fostering synergies and complementarities between public and private research	6- Interactive innovation: the role of actors in co-creating, sharing & exploiting knowledge
14:30 ▶ 17:15	What concrete actions to kick-off implementation of the long-term strategy? Reports of the six parallel sessions & Round table discussion		
	Closing European Commission DG AGRI – Mihail Dumitru European Commissioner Carlos Moedas		



Welcome by Commissioner Hogan

On 19 June, we launched a process to build a long-term strategy for EU agricultural research and innovation. What are the main challenges? How will the sector develop? What does society expect? What are our future research needs? How can we best address these? We

have collected inputs from a wide range of sources, workshops and consultations which involved over three hundred experts. A rich draft paper on what a strategic approach to EU agriculture research and innovation could be is now on the table.

This conference aims to conclude this process. Our objectives are of course to discuss the draft paper with a focus on how we can best implement our strategy. How can we be more systemic in our approaches? How can we work better together, at European level and at global level? How can we modernize our knowledge systems? How can we make research results fit for policymaking? How can we boost synergies with the private sector? How can we better involve farmers in creating and exchanging knowledge? These are all questions on which we expect your active contribution and concrete proposals that will help drive our action in the future.

I look forward to fruitful debates and a rich outcome.

Phil Hogan
European Commissioner



Objectives

The objectives of the conference will be to:

- ▶ present the main elements of a long-term strategy for European agricultural research and innovation;
- ▶ discuss several dimensions of the manner it could be implemented in the light of the broader EU policy context relating to agriculture and rural areas.



PRE-EVENTS

26 JANUARY AFTERNOON

- 11:00 Registration
- 12:00 Welcome lunch

➡ Room MANSHOLT

➡ Room JENKINS

13:00 ▶ 17:30

Fostering the impact of agricultural research and innovation on global challenges - The role of platforms, partnerships and policies

Event organised by the Working group on European Agricultural Research towards greater impact on global Challenges of the Standing Committee on Agricultural Research (SCAR ARCH)

Languages: EN



14:00 ▶ 17:00

1st Bioeconomy Stakeholder Workshop - A long-term strategic approach to agricultural research in Europe - national snapshots

Event organised by the Horizon 2020 project BIOHORIZON for National Contact Points.

Languages: EN





27 JANUARY AFTERNOON

➔ ROOM DE GASPERI

Languages: EN, FR, DE, ES, IT, PL

The conference will be moderated by **Aminda Leigh**, journalist, AMROS Media Solutions

13:00

Registration and welcome coffee

13:45

Opening plenary session: Advancing policies through research and innovation

Welcome by moderator.

Opening speeches:

- ▶ **Phil Hogan**, European Commissioner for Agriculture and Rural Development
- ▶ **Hans Hoogeveen**, Vice-Minister for Agriculture of the Netherlands

14:30

Session 1 (plenary) – The imperative of long-term, coordinated approaches in agriculture research and innovation

Introduction: Agricultural and food innovation: Europe in a changing global reality - **Phil Pardey**, Professor of science and technology policy, Department of Applied Economics, University of Minnesota

Speeches:

- ▶ Which priorities for European agricultural research and innovation, taking the long-term view - **Jerzy Plewa**, Director-General, Directorate-General for Agriculture and Rural Development, European Commission
- ▶ The long term strategy of CGIAR for healthy diets from sustainable food systems for all - **Frank Rijsberman**, CEO of the CGIAR Consortium
- ▶ Fostering coordination of agricultural research at global level: the views and priorities of China - **Dr MEI Xurong**, Director general for Research Management, Chinese Academy of Agricultural Sciences (CAAS), China

Discussion with the audience.



16:30

Coffee break

17:00

Session 2 (plenary) - Societal expectations for research and innovation from farm to fork

Introduction: Public and consumer expectations from agriculture and food innovations - **Wim Verbeke**, Ghent University, Department of Agricultural Economics, Professor of agro-food marketing and consumer behaviour

Panellists:

- ▶ **Maira Dzelzkaleja**, Latvia's farmers parliament, Vice-President of the Committee of Agricultural professional organisations (COPA)
- ▶ **Gert Meijer**, Deputy Head Corporate Regulatory & Scientific Affairs at Nestlé and Chairman of European Technological Platform Food for life
- ▶ **Elisabeth Due**, Head of policy and public affairs at ICA Sweden (Independent Retail Europe)
- ▶ **Angelo Caserta**, Regional Director, BirdLife Europe

Discussion with the audience.

Panel closing remarks: the point of view of the European Parliament.

- ▶ **Czesław Adam Siekierski**, Chairman of the Committee on Agriculture and Rural Development of the European Parliament.
- ▶ **Giovanni La Via**, Chairman of the Committee on the Environment, Public Health and Food Safety of the European Parliament.

18:45

Wrap-up session (plenary)

- ▶ **Overview of discussions** based on graphic harvesting by Bigger Picture.
- ▶ **Introduction to the objectives and questions of the parallels and day 2.**

19:15

Networking cocktail and dinner in Charlemagne premises

08:30 First round of parallel sessions

Languages: EN, FR, DE

→ Room DE GASPERI

1

Parallel session 1 - Adopting a systems approach across farms, value chains and territories

Objectives: *Illustrate how to embed research activities in systemic approaches, systems being understood at various levels (farms working collectively, landscapes or ecosystems, food systems, territories, circular economy) based on examples referring to strategy priorities.*

Chair: **Tim Benton**, University of Leeds, UK Champion for Global Food Security

Rapporteur: **Marta Perez Soba**, Alterra Wageningen University and Research Centre

Presentations:

- ▶ Unlocking the agricultural system: the example of agroecological research and innovation systems - **Philippe Baret**, Université Catholique de Louvain
- ▶ A systems view on below and above ground interactions in agriculture: small organisms driving big innovations - **Katarina Hedlund**, Lund University
- ▶ Agroforestry systems: complexity underpinning multiple benefits from farm to landscape - **Paul Burgess**, Cranfield University (project AGFORWARD)
- ▶ Putting the farm in the context of its territory and value chain - **Hugues Vernier**, Biovallée, Contrat de Développement Durable Rhône-Alpes
- ▶ What role for consumers and consumer involvement in food production? - demand as a driver of sustainable and competitive farming systems: how does or can consumer behaviour impact farming practices? - **Moya Kneafsey**, Coventry University

Discussion with the audience.

Languages: EN, FR, DE

→ Room MANSHOLT

2

Parallel session 2 - Achieving better together: fostering synergies among Member States and with European Framework Programmes

Objectives: *Given the importance of challenges faced by food systems, delivery of research and innovation in the EU implies that synergies are fostered among Member States and with the EU. So far JPIs and ERANETs have been the main vehicle to achieve this but they could be complemented with other approaches and tools. The discussion is meant to investigate how to scale-up cooperation. It will also tackle the issue of joint research infrastructures.*

Chair: **Eric Regouin**, Ministry of Economic Affairs, the Netherlands, SCAR Presidency

Rapporteur: **Dana Peskovicova**, National Agriculture and Food Centre, Slovakia, SCAR Presidency second semester 2016

Presentations:

- ▶ Joint European Programming to tackle climate change and food security: Experiences and main achievements from FACCE - **Niels Goetke**, Danish Agency for Science, Technology and Innovation (DASTI)
- ▶ ERA-NETs spearheading European research coordination; the example of ICT AGRI - **Raymond Kelly**, Teagasc
- ▶ Strengthening European infrastructures: the example of ANAE - **Abad Chabbi**, INRA
- ▶ Member States working together to enhance conservation and use of forest genetic resources - **Michele Bozzano** (EUFORGEN secretariat at Bioversity International)

Discussion with the audience.

Parallel session 3 – Setting the right conditions and incentives for knowledge creation and sharing in the long run

Objectives: Discuss how to set the agenda for all research activities (from basic to applied), set the priorities for funding and delivery mechanisms in order to ensure that knowledge that will be needed in the long run is created at an adequate moment, shared and contributes to advancing policy goals. The need for collaborative basic research on areas of high priority will be discussed along with the need to maintain a strong focus towards innovation. The innovation side of things will be discussed at session 6.

Chair: **John Bell**, Director for Bioeconomy, Directorate-General for Research and Innovation, European Commission

Rapporteur: **Richard Wakeford**, Birmingham city university

Presentations:

- ▶ Engaging with society on research agenda setting for urban waste, the example of VOICES – **Jacqueline Broerse**, Free University of Amsterdam
- ▶ How can fundamental research serve agricultural productivity? When plant science meets plant breeding – **Serena Varotto**, Padova University
- ▶ Collaboration between disciplines stimulating innovations: The example of Earth Observation and advanced digital technologies in agriculture – **Heike Bach**, Vista GmbH
- ▶ Managing and sharing research data: The example of the global open data for agriculture and nutrition initiative (GODAN) – **André Laperrière**, Executive director of GODAN
- ▶ The science-society-policy interface: how to improve the policy feedback loop and impact from research? – **Stefan Lange**, Research Coordinator of Thuenen Institute, Federal Research Institute for Rural Areas, Forestry and Fisheries

Discussion with the audience.

10:30

Coffee break

11:00

Second round of parallel sessions

Parallel session 4 – The global dimension: fostering the contribution of EU research and innovation towards global challenges through multi-lateral cooperation

Objectives: Discuss how the external dimension of the agriculture research and innovation strategy can be implemented, for instance how to foster efficiency at global level on the basis of examples of approaches which could be used in future programming, how to integrate global frameworks on development or food security or climate.

Chair: **Mark Holderness**, Executive Secretary of the Global Forum on Agricultural Research (GFAR)

Rapporteur: **Jimmy Smith**, Director General of the International Livestock Research Institute

Presentations:

- ▶ What could be the contribution of the strategy to cooperation with Africa – The point of view of FARA – **Yemi Akinbamijo**, Executive Director of the Forum for Agricultural Research in Africa (FARA)
- ▶ Outcome of SCAR ARCH pre-event “Fostering the impact of agricultural research and innovation on global challenges – The role of platforms, partnerships and policies”- **Patricia Wagenmakers**, Co-chair of SCAR ARCH strategic working group, Ministry of Economic Affairs, the Netherlands
- ▶ Outcome of FACCE JPI pre-event “International soil research – Opportunities for synergy and cooperation” – **Maurice Heral**, French National Research Agency
- ▶ Working in areas of high priority: the example of the international research consortium on animal health – **Alex Morrow**, DEFRA

Discussion with the audience.

Languages: EN, FR, DE

 Room JENKINS

5

Parallel session 5 – Fostering synergies and complementarities between public and private research

Objectives: *Discuss how European framework and national programmes resources can be best used to foster synergies and complementarities between public and private research to deliver on current challenges. Possibilities offered by different types of instruments and approaches will be reviewed.*

Chair: **Felipe Ortega Schlingmann**, European Investment Bank – Projects Directorate

Rapporteur: **Paul Lazzeri**, Research Director, Agrasys

Presentations:

- ▶ Public-Private Partnerships for agricultural innovation: lessons from recent experiences, **Catherine Moreddu**, OECD
- ▶ European public/private cooperation in fruit tree breeding – **Anne-Marie Auwerkerken**, Better3Fruit, private breeding company from FruitBreedomics FP7 project, Belgium
- ▶ Food for Health Ireland – A model for public private partnership and open innovation in the health and wellbeing market – **Jens Bleiel**, CEO of Food for Health Ireland
- ▶ InnovFin – EU Finance for innovators, **Julia Taddei**, European Commission DG RTD B-3 (SMEs, Financial instruments and state aid)

Discussion with the audience.

Languages: EN, FR, DE

 Room DE GASPERI

6

Parallel session 6 – Interactive innovation: the role of different actors in co-creating knowledge, sharing and exploiting it at best

Objectives: *Discuss when and how to best involve actors and end-users upstream and downstream to capture practical and tacit knowledge, foster knowledge exchange and incentivise interactive innovation and co-creation. Where is this most needed? How to get actors to engage? Which methods and instruments should be privileged?*

Chair: **Pascal Bergeret**, Director of Mediterranean Agronomic Institute of Montpellier and chair of EURAGRI

Rapporteur: **Andres Montero**, Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)

Presentations:

- ▶ Main outcomes of SCAR AKIS III Strategic Working Group on Agricultural Knowledge and Innovation Systems (AKIS): focus on the interactive innovation model and the AKIS Foresight – **Anne Vuylsteke**, Government of Flanders, Belgium
- ▶ Treasure, a Horizon 2020 multi-actor project on traditional resources for agricultural diversity and the food chain – **Marjeta Čandek-Potokar**, Agricultural institute of Slovenia
- ▶ Networking as a way to support interactive innovation – **Dr. Hanns-Christoph Eiden**, President, Federal Office for Agriculture and Food (BLE), Germany
- ▶ The role of advisors and extension services as innovation catalysts and multipliers under changing conditions – **Tom Kelly**, Director of Knowledge Transfer at Teagasc and Chair of EUFRAS
- ▶ Plantwise, a project partnership carrying out an innovative approach to knowledge dissemination and creation in Kenya – **Willis Ochillo**, Content Developer at Plantwise Knowledge Bank, Kenya

Discussion with the audience.



13:00 Organic buffet

14:30 **Concluding plenary: what concrete actions to kick-off implementation of the long-term strategy?**

➔ ROOM DE GASPERI

Languages: EN, FR, DE, ES, IT, PL

14:30 Reports of the six parallel sessions and discussion

15:30 Round Table discussion: What are the crucial points to take into account to successfully implement the strategy?

Panellists:

- ▶ **Roberto Ridolfi**, Director for Sustainable Growth and development, Directorate-General for International Cooperation and Development, European Commission
- ▶ **François Houllier**, President Director General of INRA
- ▶ **Valentina Hažić**, apple and wine producer and processor, advisor at the regional development agency, Croatia
- ▶ **Jaume Sio Torres**, Deputy Director for Agrifood Innovation and Knowledge Transfer, Generalitat de Catalunya

Discussion with the audience.

Overview of discussion outcomes by Bigger Picture.

16:45: Closing of the Conference

16:45 Main conclusions on further work for the implementation of the strategy - **Mihail Dumitru**, Deputy Director-General, Directorate-General for Agriculture and Rural Development, European Commission

17:00 The contribution of the agriculture research and innovation to a future Food Research Area - **Carlos Moedas**, European Commissioner for Research, Science and Innovation

17:15: End of the conference



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