European Commission

Rural development research under Horizon 2020

Miroslav Božić – European Commission

Agriculture and Rural Development

DG AGRI Workshop

Empowering rural areas: A research agenda for Horizon 2020

19 February 2015

Contents

- Rural development under Horizon 2020
- Work programme 2014-2015: what has been done so far?
- Programming for 2016-2017
- What's the objective for today?
- Key features for reflection

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3 Pillars

7 Societal challenges

1. Health, demographic change and wellbeing
2. Food security, sustainable agriculture, marine and maritime research and the bioeconomy
3. Secure, clean and efficient energy
4. Smart, green and integrated transport
5. Climate action, resource efficiency and raw materials
6. Inclusive, innovative and reflective societies
7. Secure societies

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Research activities under societal challenge 2

Agriculture and forestry

Agri-food sector for a safe and healthy diet

Aquatic living resources

Bio-based industries and bioeconomy

Marine and maritime research

Horizon 2020 specific programme (2014-2020)
Sustainable agriculture and forestry

Increasing production efficiency and coping with climate change, while ensuring sustainability and resilience

Providing ecosystem services and public goods

Empowerment of rural areas, support to policies and rural innovation

Sustainable forestry

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Empowerment of rural areas, support to policies and rural innovation

Mobilise development opportunities *of rural communities by:*

- **Strengthening capacity for primary production and delivery of ecosystem services**
- **Opening avenues for new and diversified products which meet the increasing demand for low-carbon, short-chain delivery systems**

Emphasis on local/regional approaches:

- **Look at ways in which public goods can be converted into local/regional socio-economic benefits**
- **Innovation needs defined at regional/local levels will be complemented by cross-sectoral research actions at international, inter-regional and European levels**

Empowerment of rural areas, support to policies and rural innovation

Strong focus on interactive innovation and public engagement:

- **Explicit reference to 'Socio-economic research and science and society studies'**
- **Facilitate knowledge exchange, demonstration, innovation and dissemination**
- **foster participatory resource management**

*Develop **new concepts and institutional innovations** to:*

- **ensure cohesion of rural areas and prevent economic and social marginalisation**
- **foster economic diversification (including service sector)**
- **ensure appropriate relations between rural and urban areas**

Two time horizons…

Long-term reflection

- **Build a vision for agriculture and rural research and innovation for the coming decade**

Shorter term: Horizon 2020 - Work programme 2016-2017

- **Translating the specific programme into more specific research priorities**
- **Contributing to the call Rural renaissance**

Today we do both!

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Topics addressing rural empowerment

SFS- Sustainable Food Security

- Small farms but global markets: the role of small and family farms in food and nutrition security (SFS-18-2015)
- Sustainable food and nutrition security through evidence based EU agro-food policies (SFS-19-2014)
- Sustainable food chains through public policies: the cases of the EU quality policy and of public sector food procurement (SFS-20-2015)

ISIB- Innovative, sustainable and inclusive bio-economy

- Provision of public goods by EU agriculture and forestry: putting the concept into practice (ISIB-1-2014)
- Closing the research and innovation divide: the crucial role of innovation support services and knowledge exchange (ISIB-2-2014)
- Unlocking the growth potential of rural areas through enhanced governance and social innovation (ISIB-3-2015)

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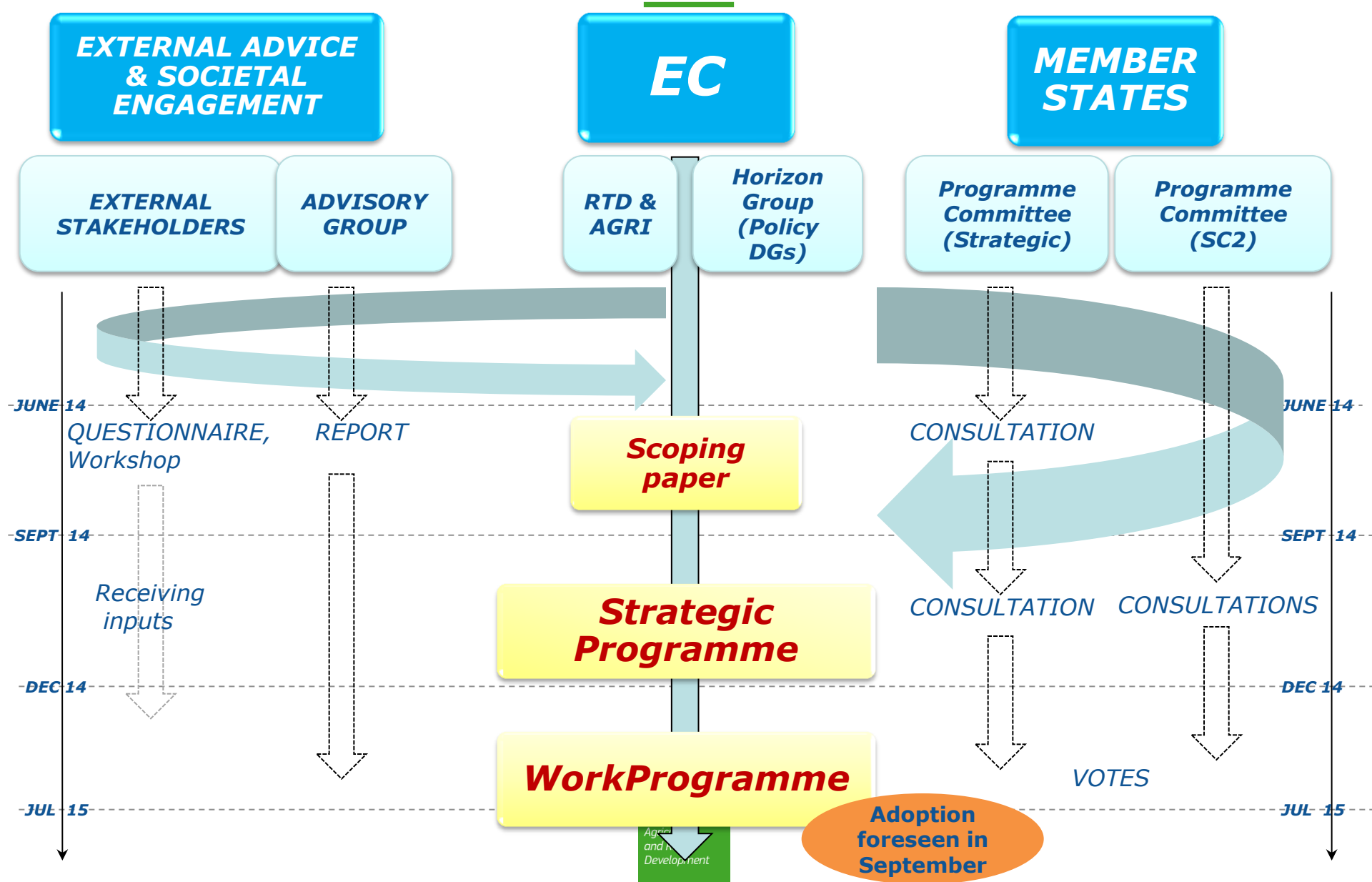
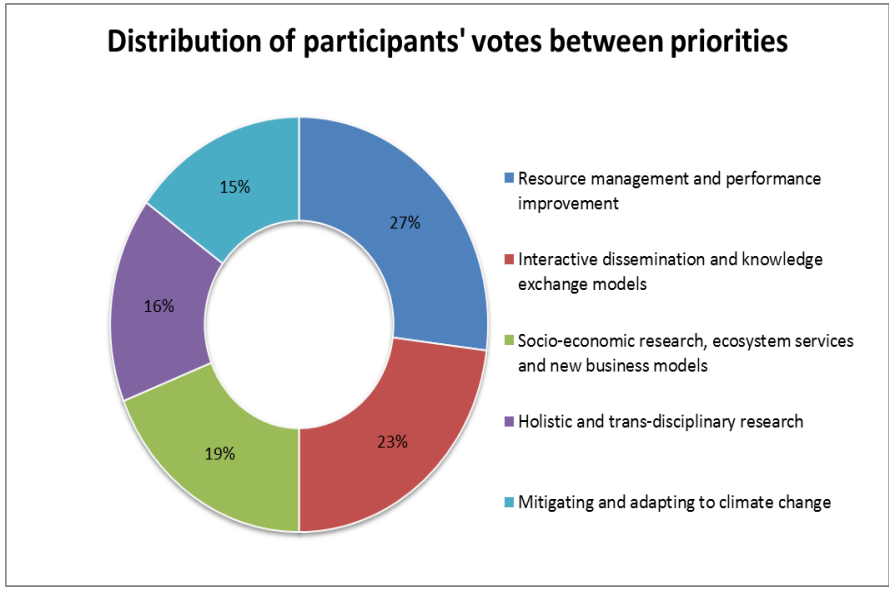
Timeline


European Commission
EXTERNAL ADVICE & SOCIETAL ENGAGEMENT
EC
MEMBER STATES
EXTERNAL STAKEHOLDERS
ADVISORY GROUP
RTD & AGRI
Horizon Group (Policy DGs)
Programme Committee (Strategic)
Programme Committee (SC2)
JUNE 14
SEPT 14
DEC 14
JUL 15
QUESTIONNAIRE, Workshop
REPORT
Scoping paper
CONSULTATION
Receiving inputs
Strategic Programme
CONSULTATION
CONSULTATIONS
WorkProgramme
VOTES
Adoption foreseen in September

Rural development prominent in stakeholder consultations

R&I activities:

- to help adapting to climate change and food security challenges simultaneously,
- to help better **measure what agriculture and forestry deliver to society**,
- to **develop new business models for value chain organisation**,
- to help assess and change consumer behaviour,
- to improve resource-efficiency and **minimise waste**.
- to contribute to **better policies**
- to strengthen **agricultural innovation systems and producer-scientist interactions**.



Priorities for agriculture and forestry votes at stakeholder consultation workshop

Strategic programme – Scoping paper

4 Strategic orientations	4 Calls
Resource-efficiency as a driver for a resilient primary sector and related industries	**Focus area: Sustainable Food Security**
Smart and inclusive territories	**Call: Rural renaissance**
Unlocking the potential of seas and oceans	**Blue Growth**
New bio-based markets	**Call: Bio-Based innovation**

2 dimensions explored

New openings for **rural growth**

- *Economic development*
- *Value chains*
- *Business models (inc. ICT)*
- *Governance*
- *Urban-rural linkages*
- *Ecosystem services transformed into economic benefits*

Developing **Human and social capital** in rural areas

- *Knowledge and innovation systems*
- *Innovation policies*
- *Education & training*

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Objectives for the day

We need you to help us:

- **Analyse challenges and knowledge gaps**
- **Pinpoint where research&innovation activities can help and how**
- **Identify the most important research needs for the short and longer term on:**
  - Horizontal issues
  - Specific themes
- **Formulate research priorities and questions**
- **If possible prioritize and sequence them**

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Our research priorities will have to:

- **Be 'challenge-based'** : define the problem we want to solve
- **Trigger impact on the ground:** always question what research activities will change concretely? At which conditions?
- **Close the gap between research and practice:** which instruments are best suitable?
- **Multidisciplinary (e.g use social and human sciences)**
- **Engage society in research activities**
- **Be open to international cooperation**

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Thank you for your attention!

Miroslav.bozic@ec.europa.eu

More information

DG AGRI Research and Innovation

http://ec.europa.eu/agriculture/research-innovation/index_en.htm

HORIZON 2020 – Agriculture and forestry

http://ec.europa.eu/programmes/horizon2020/en/area/agriculture-forestry

EIP-AGRI: www.eip-agri.eu

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