Workshop on Systems Approaches for sustainable agriculture – Part I

Draft agenda

Venue: Philippe Le Bon Building, Room 0.1, Rue Philippe Le Bon 3 - 1000 Brussels

5 December 2016

13.00 – 14.00 Lunch and Registration

14.00 – 14.15 Welcome

From field to landscape: integration of the crop/livestock/tree sub-systems

14.15 – 15.00 Opening presentations: setting the scene

- The role of livestock in the sustainable bioeconomy
- The introduction of trees in the agricultural systems
- The diversification of crops in the landscape

15.00 – 15.45 Roundtable on the crop-livestock-tree integration

15.45 – 16.00 Health break

From farm to society: trade-offs between the societal challenges

16.00 – 16.45 Opening presentations: broadening the scene

- The Water- Energy-Food nexus
- The Rural complexity and diversity
- The One health / Eco-health challenges

16.45 – 17.30 Roundtable on the synergies and trade-offs between societal challenges

From field to society: clarifying the complexity of a sustainable agriculture

17.30 – 18.00 Roundtable on the two first sessions

6 December 2016

8.45 – 9.00 **Wrap-up day 1**

Systems concepts: strengths and weaknesses

09.00 - 10.00 **Opening presentations: a view on some concepts**

- The Agrarian system concept
- The Social system concept
- The Food system concepts
- The Socio-Ecological system concept
- …

10.00 – 10.30 **Roundtable on systems' concepts**

10.30 – 11.00 Health break

Tackling spatial, temporal scales and stakeholders roles and dynamics

11.00 - 12.30 **World cafe on the three dimensions of agricultural systems**

- Temporal scale – from past to future
- Spatial scale – from field to land management
- Stakeholder dimension – from farm to diets, health and lifestyles

12.30 – 14.00 Lunch break

How to understand and manage additional complexity in agriculture

14.00 - 14.30 **Wrap-up of the world cafe**

14.30 – 15.00 **Roundtable: what did we miss / where did we get lost in the systems?**

15.00 – 15.15 **Presentation of the 2nd WS on systems approaches**

15.15 – 16.15 **Roundtable: Key points on how to embed systems approaches in research**

16.15 – 16.30 **Closure of the workshop**

16.30 – 17.00 Goodbye coffee and departure