

Session 3: what new instruments are needed to integrate all actors

new technology

- Open source publication
- ICT for dissemination
- E-Science
- social media of researchers like facebook to connect different communities
- finance new technology in research

program research in a different way

- stimulate imagination in stead of research
  - reconnect to nature
  - redefine the object: food systems in stead of agriculture
- be more explicit on different knowledge systems
- focus on disruptive technologies and ideas
- regulate externalities >> induces innovation
- more attention to (meta) synthesis and translational research
- pay attention to public issues and basic research to counterbalance private research that is more short time

changing processes between actors

- involve users / society in agenda setting
  - and in research
  - also enaage NGO, not only business
- including obligations for business / farmers participation in research tenders
- more emphasis on experiences
  - in dissemination
  - in harvesting innovation put of farming
- Public Private Partnerships
  - be creative in management of IPR
- recognize the political economy
- co-location as a incentive to collaborate
- the circle way?

changing incentives for actors

- for researchers, in addition to scientific quality
  - not the imparct factor as such is a problem but the drive for number of papers / efficiency
  - ask only for the best 5 papers or the 5 best contribution to policy or innovation
- change criteria in research assessment
- for others, like farm advisors, farmers
- prizes for innovation or organise challenges
- shift from paying for research to paying for innovation, e.g. with vouchers, R&D fiscal incentives etc.
- 9 months pay, 3 months business work
- renew formation (education) for researchers and farmers
- reduce focus on money
- changing CAP with less focus on Pillar 1 and collaboration for commercial purposes only, but more on pillar 2 and multi-stakeholder innovation
- subsidize company stays for researchers
- develop abstracts of papers for application, give the best 100 an award

changing structures

- introducing new (types of) roles like information brokers, innovation centers
- merging different types of institutes
- change missions of university from 2nd generation (education, research) to 3rd generation (include innovation)
- create a real European market for research for a faster flow of ideas (pool funds, same financing mechanisms in each country, etc.)
- introduce demonstration farms
- less focus on money