

Case studies for stakeholder-driven (co)innovation



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Outline



- Context: translating research and co-innovation
- Case studies
- The stakeholder-driven approach
- Examples
- Conclusions

Translation of research



- Science continues to be essential for innovation but there are challenges in translating research into practice
- Outreach and translation of research is needed for effective deployment of innovative research

•	Emerging involving	"Knowledge translation is the meeting ground between two fundamentally different processes: research and action. It knits them with	iphasis on
•	Theoretic	communicative relationships"	el
	innovatio	Bennett and Jessani (2011)	en model

Co-innovation for research translation -integrating innovation models

Valerie



Innovation: the process of creating and putting into use combinations of knowledge from many different sources EU EIP AGRI



- a co-innovation approach is challenging- not a recipeoften a process of experimentation
- principles: iterativity, dialogue and reflection
- dialogue between the 'demand' and 'supply' sides requires continuous re-articulation

Stakeholder-driven approach: case studies on co-innovation

- case studies at the core of the stakeholder-driven approach
- consult stakeholders in 10 CS to mobilise their knowledge, identify knowledge gaps, evaluate innovative solutions from research



Catchment scale resource use efficiency

Soil management in livestock supply chains

Sustainable forest biomass: recycling of wood ash

Agro-ecology: reduction in use of plant protection

Innovative arable system

Sustainable Forest Management and Ecosystem Services

Improving Milling Wheat Quality

Drip Irrigation Management in Tomatoes and Maize

Sustainable onion supply chains

Sustainable potato supply chains

Stakeholder-driven approach: case studies on co-innovation



Stakeholder-driven approach: case studies on co-innovation





Contribute to structured vocabulary



- Stakeholder vocabularies, concepts, issues, problems and questions relevant to the 6 themes (and particular to case studies) helps create the structured vocabulary to create *ask-Valerie.eu*
- Feedback and language translation builds *ask-Valerie.eu*





Case studies on co-innovation

Series of meetings with stakeholders in case studies facilitated by cs partners

- Farmers identify research needs
- Scientists search and retrieve 'best matching' information
- Scientists translate science into end user format (Fact sheets)
- Farmers review Fact sheets and feedback to scientists
- Farmers test information- assess viability with trials -feedback









Identify issues, evaluate & test solutions



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Sustainable potato supply chain, Poland



The potato production in Poland for the French fry industry in the Netherlands. Supply chain SHs - growers, processing and exporting industry, suppliers of seeds, fertilisers and pesticides, extension service and research

Key quality issue- internal brown spots in potato tubers .. cause problems in processing of french fries







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Sustainable potato supply chain, Poland

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Catchment scale resource use efficiency, UK Valerie



A group of farmers who are part of a catchment management project interested in all aspects of crop and soil management, especially nutrient management, to optimise productivity and enhance water quality





Catchment scale resource use efficiency, UK Valerie



Stakeholder-driven approach: identify needs, evaluate & test solutions





Research translation as co-innovation: lessons so far Valerie

Process and context

- Farmers identify and articulate research needs in different ways
- Experts interpret their needs and find solutions in different ways
- Need dialogue for continuous re-articulation
- Case study social and technical context and goals influence topic, farmer scientific literacy etc
- CS partners are key intermediaries- managing project and farmer expectations







Testing, refining, adapting solutions

Research translation as co-innovation: lessons so far V_a

- Co-innovation -combines SH experiences with utilising existing research outputs the benefits of **science-driven and innovation driven research**
- Translation processes- identification, prioritisation, articulation, evaluation, searching, extraction requires flexibility, adaptability, iteration
- Reconciling the supply and demand of scientific information can be highly pragmatic and contextual in nature
- Assumption that farmers articulate concrete research questions and scientists find immediate solutions is simplistic
- Mobilises farmers to assess their innovation demands and capture their knowledge for integration into ask-Valerie.eu - ensures AV is relevant to users' needs





A transferable model for translating research Valerie



DeMeyer 2014 Modified from Birner et al. 2006