



TPorganics
European Technology Platform

Strategic Research and Innovation Agenda

Bram Moeskops – Scientific Coordinator

What is TP Organics?

Individual ETPs

Bio-based economy	Energy	Environment	ICT	Production and processes	Transport
EATIP	Biofuels	WssTP	ARTEMIS	ECTP	ACARE
ETPGAH	EU PV TP		EUROP	ESTEP	ERRAC
Food for Life	TPWind		ETP4HPC	EuMaT	ERTRAC
Forest-based	RHC		ENIAC	FTC	Logistics
Plants	SmartGrids		EPoSS	SusChem	Waterborne
FABRE TP	SNETP		ISI	Nanomedicine	
TP Organics	ZEP		Net!Works	ETP-SMR	
			NEM	Manufuture	
			NESSI		
			Photonics 21		

Cross ETP Initiatives

Nanofutures

Industrial Safety

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and

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 civil

Members of TP Organics

2007

European CSOs



ECOLOGICA
INTERNATIONAL ASSOCIATION
Universities,
scientists,
advisory services
Education and Science



International



National Mirrors

Business representatives



Cooperation with the Agri Food sector group of the Enterprises Europe Network in terms of knowledge management and technology transfer.

TP Organics: a success story

Vision Camp

Strategic Research Agenda

First concrete results of lobbying activities

Official recognition from European Commission

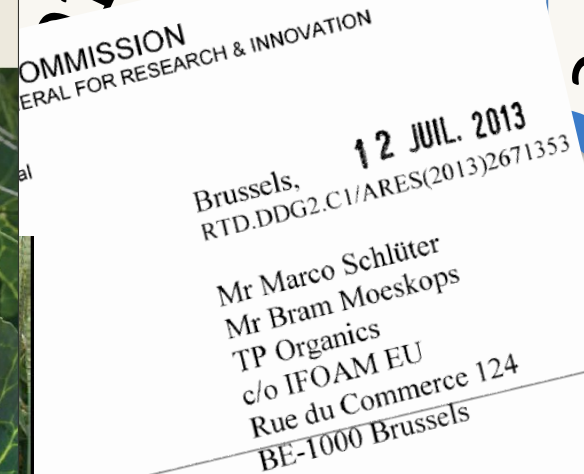
2007



2010



2011



2013

Secretariat in Brussels
Platform Coordinator
TP Organics Vision





Towards a new agenda

New policy framework 2014-2012

- From 7th Framework Programme to Horizon 2020
- European Innovation Partnership for Agricultural Productivity and Sustainability (EIP-AGRI)
- Revision organic regulation
- Organic action plan



Towards a new agenda

A participatory process

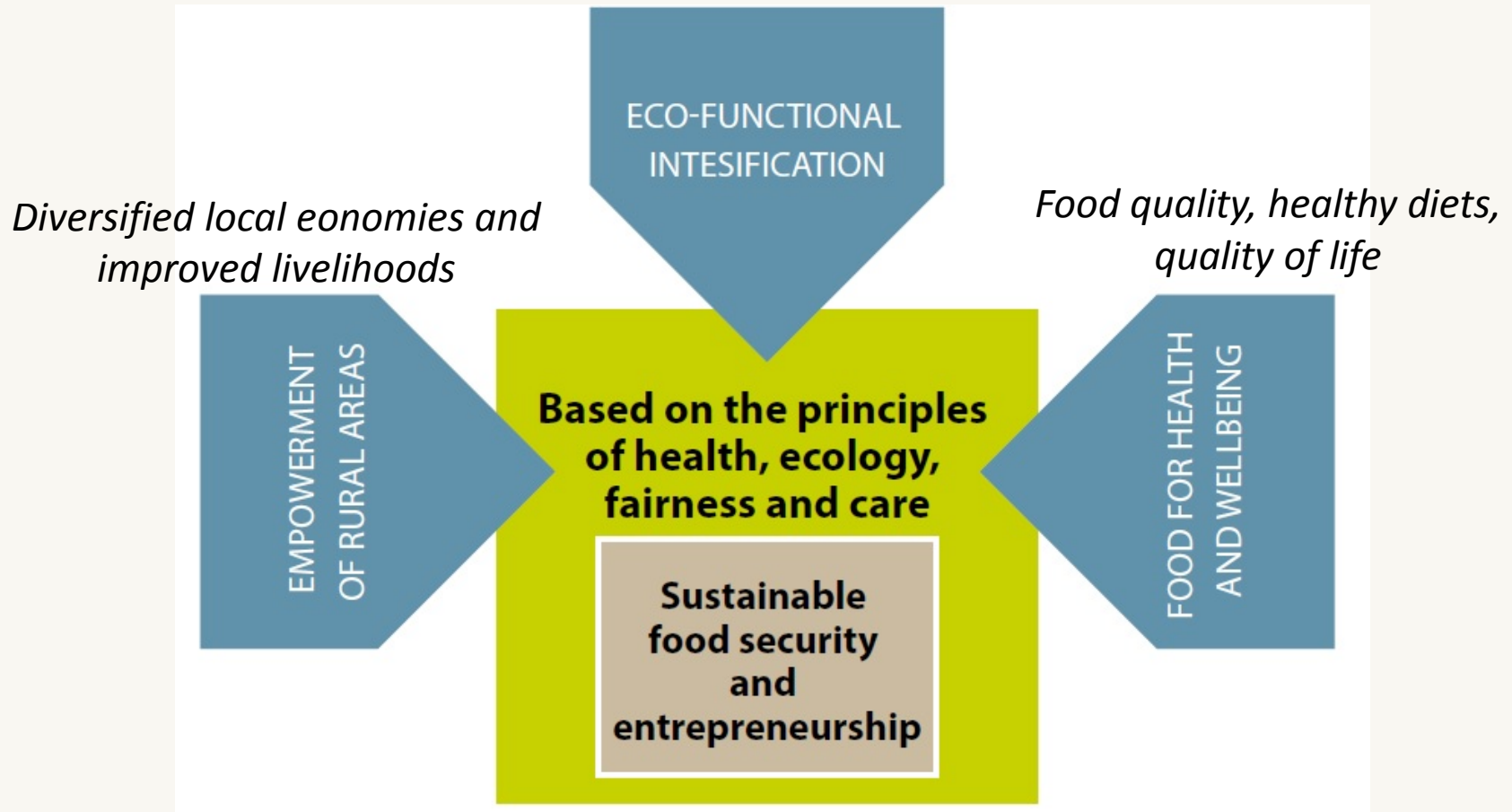
- Stakeholder Fora in 2013 and 2014
- Contribution of more than 40 experts
- Online consultation in four languages with more than 300 responses
- Consultation with international partners
 - strong interest, especially from African and non-European Mediterranean countries
- Consultation with other European Technology Platforms
 - Common topic on use of “Internet-of-Things” with ETP on Smart Systems Integration

Towards a new agenda



Research vision

Productivity, stability and resilience of agro-ecosystems



Challenges of the organic regulation

- ▶ Organic has to comply with specific EU regulations



Specific research and innovation needs

- ▶ Better farming policies, better production and market data
- ▶ Alternatives to contentious inputs
- ▶ Availability of organic seeds
- ▶ Production of animal feed at local level
- ▶ Improving organic food processing

EIP-AGRI

- More stakeholder- and demand driven research and innovation in agriculture
- Implemented through:
 - Multi-actor projects (Horizon 2020)
 - Operational Groups (Rural Development)
 - Focus Groups (EIP-AGRI Service Point)
- 10 priorities for Focus Groups, e.g.
 - Pest and disease control in organic perennial systems
 - Agroforestry
 - Reducing food loss and food waste

Conclusions

- Solving research and innovation questions listed in agenda will
 - Support growth of organic sector
 - Contribute to sustainable food security
 - Foster entrepreneurship

- Demands
 - Strong implementation Organic Action Plan
 - 10% of the Horizon 2020 budget for “Food security and sustainable agriculture” (Societal Challenge 2) dedicated to organic food and farming

Next steps

- ▶ Provide input to Horizon 2020 Work Programmes
 - In cooperation with other ETPs
- ▶ Collaborate with transnational funding networks
 - ERA-Net CORE Organic, ERA-Net ICT-AGRI, FACCE-JPI (Climate Change and Food Security)
- ▶ Participate in EIP-AGRI process



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