



TPorganics
European Technology Platform

Research and innovation for organic food companies

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What is TP Organics?

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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

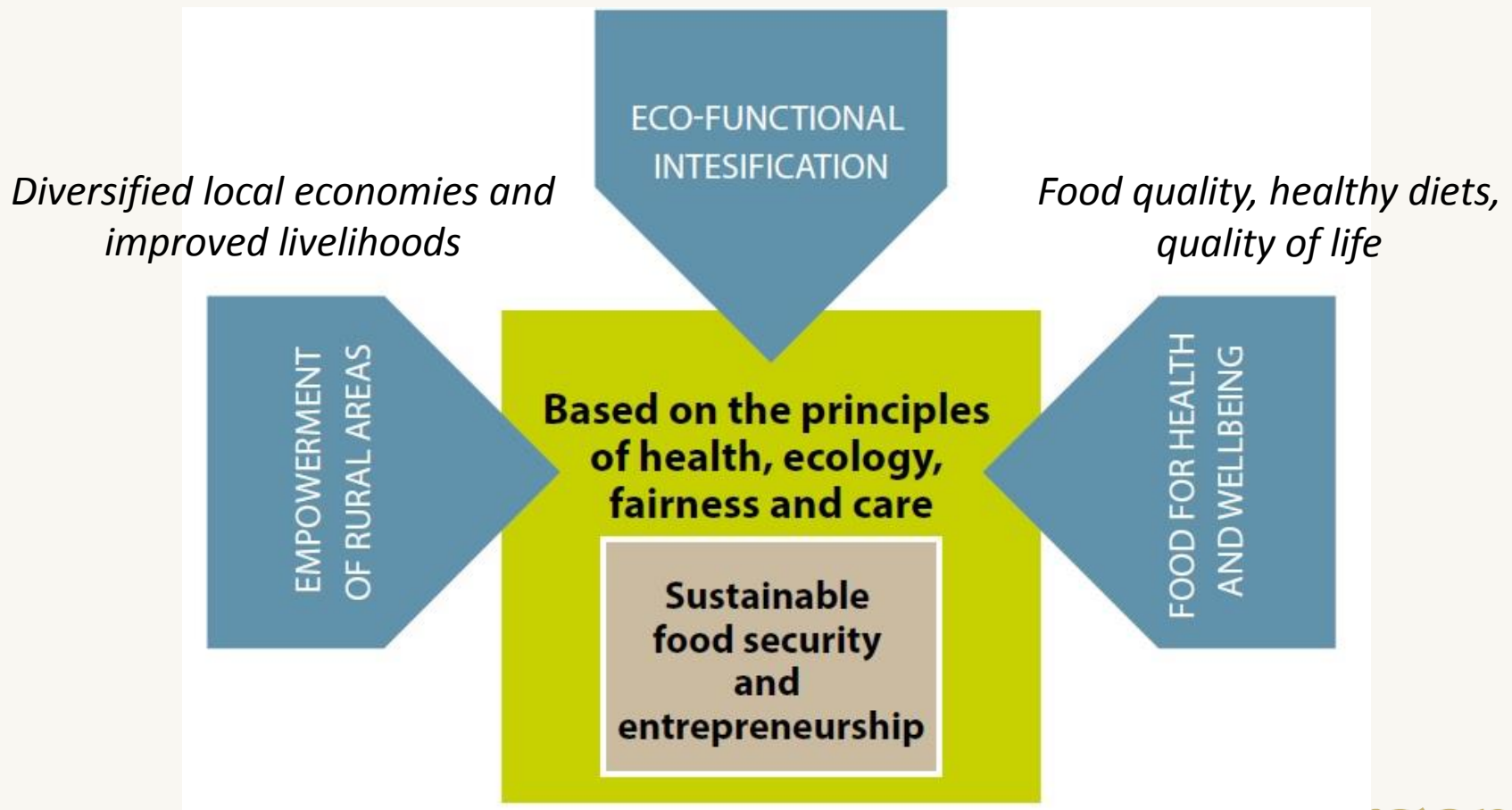
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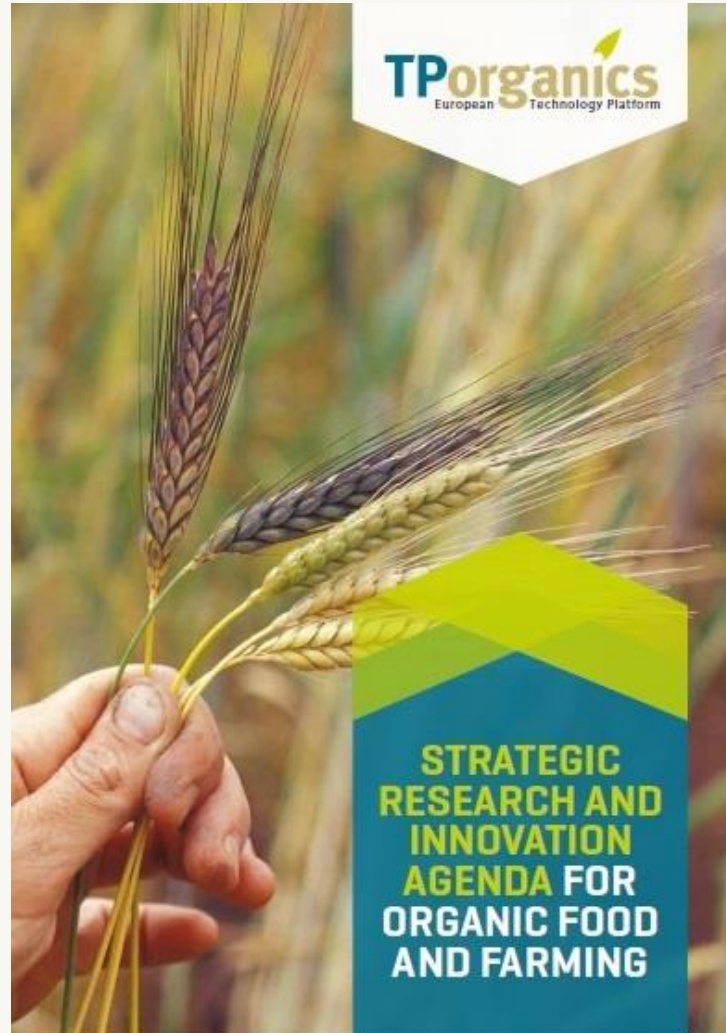
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Research vision

Productivity, stability and resilience of agro-ecosystems



Strategic Research and Innovation Agenda



Horizon 2020

Work Programme 2016/2017

- ▶ Many opportunities for organic sector
- ▶ 2 calls specifically for organic sector (28 mio. €)
- ▶ Continuation ERA-Net CORE Organic
- ▶ 16 calls explicitly mention that organic farming should be addressed too (174 mio. €)

- ▶ But where is organic food industry?

TP Organics priority topics

Work Programme 2018/2020

- ▶ Organic food processing concepts and technologies
- ▶ Ensuring consumer confidence in alternative food systems
- ▶ Increasing transparency and integrity of organic value chains

Organic food processing concepts and technologies

► Challenge

- Organic consumers expect authentic and high-quality food with low environmental impact.
- No clear guidance on what are appropriate processing methods for organic food
- Organic companies need a Code of Practice

► Expected impact

- Criteria for selecting and design of processing technologies
- Identification of novel technologies complying with organic principles
- High nutritional and vital qualities of organic food maintained
- Increased environmental performance
- Increased competitiveness of organic companies
- Increased consumer confidence

Ensuring consumer confidence in alternative food systems

► Challenge

- Expansion and institutionalisation of alternative food chains may threaten people's confidence in their integrity
- The European Organic Action considers ensuring consumers' confidence as a major challenge
- Need to better understand the role of consumers in the transition towards sustainable consumption
- Need to design innovative approaches that reconnect consumers with food production

► Expected impact

- Solutions to promote the added value of alternative food products even if traded on large scale
- Improved strategies for communicating sustainability and ethical issues
- Development of policy recommendations for support of more sustainable and ethical food systems

Increasing transparency and integrity of organic value chains

► Specific challenge

- Lack of reliable market data is major impediment for new entrants to step into the organic sector
- Certification system excludes small operators
- Because of expansion organic market, new tools are needed to guarantee integrity of organic value chain

► Expected impact

- Increased market transparency and confidence in opportunities offered by the organic sector
- Credibility of the organic food and farming sector is strengthened
- Cost of organic certification is reduced
- Improved sustainability, quality and certification of organic production along entire supply chains



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