

Organic agriculture development in Bavaria (Germany) Biosummit in Praha/Prague/Prag



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Milestones of organic agriculture (OA) development (II)

First biodynamic farms in Bavaria	~1925
Biokreis was founded at Passau (Bavaria)	1979
Naturland was founded at Gräfelfing (Bavaria)	1982
Bioland was founded in 1979, Bioland Bayern in	1986
First professional school for organic farming	1989
Bioland, Biokreis, Demeter & Naturland found a bavarian roof organisation: LVÖ	1992
Organic extension services receive public funding	1994

Milestones of organic agriculture (OA) development (II)

>100.000 ha organically farmed	2001
First public information campaign on OA	2001
Chair for organic farming at Technical University Munich	2004
> 5.000 organic farms	2007
> 2.000 processors with organic certification	2010
Public Initiative BioRegio Bayern 2020 started	2013
Twelve organic model regions in Bavaria	2015
> 8.000 farms are organic; >250.000 ha organic farmland	2016
Applied University with four new professorships in OA	2016

Organic agriculture development since 2004 - indicators

Organic Farming development since 2004 = indicators 1		
Basic indicator	2004	2015
Farming Bavaria		
Total of acreage/share in UAA	132044 ha / 4,1%	239575 ha / 7,5%
No. of farm in OF/ share in all farms	4223 / 3,3%	7350 / 7,7%
Share of arable land in UAA in OF x CF	n.d.	48% / 66%
Processing Bavaria		
No. of processors in OF / share in all processors	1.001/ n.d.	2.460/ n.d.
No. of farm processors in OF / share in farms in OF	474/ n.d.	753/ n.d.

Organic agriculture development since 2004 - indicators

Organic Farming development since 2004 = indicators 2		
Basic indicator	2004	2015
Market (2002/2014) Germany		
Size of the organic food market (Mrd. EUR)	3,9	7,9
Per capita consumption (EUR)	47	97
Share in the total consumption (%)	2,2 %	4,7 %
Policity support Bavaria		
Action plan existence	no	yes
OF payments (RDP)	yes	yes
Measures supported OF out of RDP (national)	yes	yes

Main success factors (2004-2016) = strength

- **Good infrastructure in professional schools, training and extension**
- **High number of organic processors & points of sale**
- **Good infrastructure of organic wholesale traders**
- **Agriculture Ministry is strongly supporting OA development**
- **High number of OA applied research projects**
- **Many regions with very active organic farmers**
- **Consumers demand for organic products with +5-12 % per year**
- **Some big cities support development of OA sector („bio-cities“ München, Nürnberg, Augsburg)**

Main obstacles (2004-2016) = weaknesses

- **Few activities on OA at University teaching and research => future managers and executives are not well prepared for OA**
- **Parts of public officials in agricultural administration are opposing OA development**
- **Parts of Farmers Union are strongly opposed to OA development**
- **In some regions organic „pioneer farms“ are lacking**
- **OA topics are missing in basic research and in some fields of applied research (fruit growing, grassland, market research, ...)**
- **There is a lack of infrastructure for field crops (like storage, purification, dessication and decortication)**
- **Growth of OA production since many years is much lower than growth of consumers demand => importation is growing, chances for regional and national farmers are missed**

Main challenges 2016 = opportunities + threats

- **Change the initiative BioRegio Bayern 2020 into a continued process**
- **Use strong market demand for further development of OA sector**
- **Activate basic research in OA and extend applied research**
- **Overcome Farmer's Union and agricultural administration's opposition to OA development**
- **Developing OA even in regions where organic farming is still weak**
- **Integrating new organic farms in market activities and in activities of organic farmers associations**
- **Continue extension of basic and advanced training in OA**
- **Integrate organic farming topics in Agricultural University teaching**

Thanks for your interest!

