

Development in skills needs in organic farming



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2 Sources of development

- Growth of organic production
- Developments in Agriculture

Organic products needs certification:

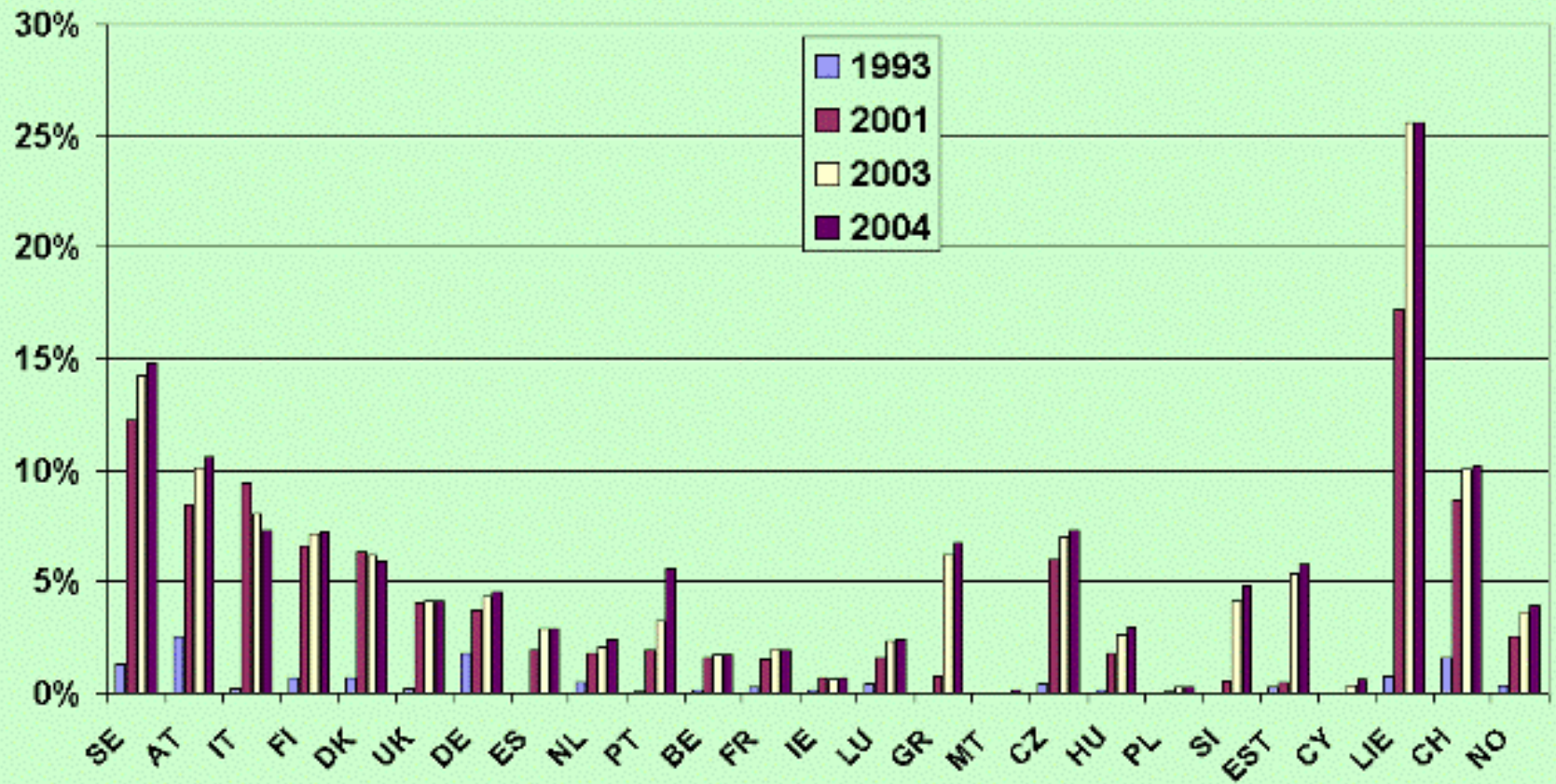


Inspection bodies
with a government licence

National regulation is based on EU regulations
developed with International Federation of
Organic Agriculture Movements



Organic and in-conversion land area as % of UAA in selected European countries



Country	Target set	Realised 2006	Notes
Belgium	10	1,72 %	1-2 % consumption
Belgium Flanders	10	0,65 % land	
Bulgaria	10	1 (??)	
Denmark	10	6,1% of all Danish farms are organic 5,5% of the arable land	
Finland	15	6,3	Target for 2006 was 10%
Latvia	not decided	Prod. 1%	Consumption 2006 = 2%
Lithuania	10	3,2	Consumption 2006 = 2%
Netherlands	10	2	Consumption estimate 4%
Sweden (plant production)	15	7,8	



* dati Bio Bank fino al 2002, dati Sinab dal 2003



Conversion to organic production

■ Observation skills

- ★ Plant development
- ★ Connect with animals
- ★ Pests and diseases
- ★ Soils

Observation skills



Carrot fly

- Knowledge of life cycles
- Observation of cycles progress
- Appropriate management decisions prevent



Developments in agriculture

■ Globalisation

- ★ World-wide competition
- ★ Increased size of enterprises
- ★ Demands to management skills
- ★ Demands to flexibility

Developments in agriculture

■ Technical Development

- ★ Precision agriculture
- ★ Capacities of machines
- ★ Special varieties
- ★ GMO ??

Precision agriculture

- GPS controlled planting:



ENSA Project



- European Network Sustainable Agriculture education and training
- EU- Leonardo da Vinci project
- 2003 - 2006
- Trainers Meetings and Curriculum Development
- Conference and final meeting October 2006

Q:



In future projects I would like to see the following elements:

4 types of projects

- Market
- Education
- Social
- Self-sufficiency

1: Future projects on MARKET development



- Consumer awareness
- Environmental impact
- Food quality
- Involving top-chefs
- Training super market managers

2: Future projects on EDUCATION development



- Transparency of education standards
- Sharing of knowledge
- Deepening OA knowledge
- Teachers exchange



3: Future projects on SOCIAL development



- CSA
- Agriculture & Care
- Social (re-)integration
- Farm succession



4: Future projects on SELF-SUFFICIENCY



- Permaculture
- Self growing on allotments
- Young people, start at school

Conclusions



development of skills needs in organic agriculture:

At levels 2 and 3:

- Observation skills – relate to production
- New technologies – deal with developments

Conclusions



development of skills needs in organic agriculture:

At levels 4 and 5:

- Management skills – deal with globalisation
- Social skills – relate to society



Education has to do it under all circumstances



Thank you

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