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**SEGES Organic Farming**

## **WP4 – SOCIO-ECONOMICS AND LEGISLATION**



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# WP4

## Task 4.1

Regional chains, organisation and funding of organic plant breeding

## Task 4.2

Legislation & Registration: how to deal with genetically diverse material



# ACTIVITIES TASK 4.1

- Case studies on regional productions chains
  - UK, Slovenia, Turkey, Italy and Denmark
- Workshop on organizational and financial models for organic plant breeding and presentation of case studies
- Booklet
- Inventory of alternative breeding initiatives

# BOOKLET – CHAPTERS SO FAR...

- Organic seeds and plant breeding from the seed companies' perspective (Frederic Rey)
- Progress in breeding for organics: impacts of the seed derogation system (Sally Howlett)
- Implementation of populations in the Netherlands (Edwin Nuijten)
- Populations in Denmark (Rikke Andersen) - in progress
- Organizational models of organic plant breeding (Tove Pedersen/Edwin Nuijten) – in progress
- Breeding pure line varieties of winter wheat for organic agriculture in the Netherlands (Edwin Nuijten)
- Breeding for organic farming: improved weed competitiveness of spring barley in Denmark (Tove Pedersen)
- Conventional vs. organic soybean production: major bottlenecks from northeastern Italy farms (Fabiano Miceli)
- Status Quo analysis of organic wheat for bread and pasta for local bakeries and processor, in relation to organic wheat seed production and breeding (Anamarija Slabe)

More chapters are already planned...

# INVENTORY – INPUT NEEDED

Examples of alternative breeding initiatives

- Breeder
- Species (cereals, grain legumes)
- Breeding strategy
- Type of financing

Inventory will be available at Organic Eprints February 2016

# GRAIN LEGUMES – INPUT NEEDED

- Breeding activities in Faba bean, lupine and field pea
  - Breeders name, species and contact information
- Geographic potential of varieties
  - Variety trials (conventional and organic), species (spring/winter type) and contact information
- Organic breeding goals
  - Important traits in your region (e.g. winter hardiness, competitive ability, resistance to specific diseases, intercropping ability)

## ACTIVITIES TASK 4.2

- Identification and discussion of needs in the regulatory framework (survey and meetings)
- Research on the constraints of seed laws and registration procedures regarding organic seed (literature review)
- Country based reports on legal constraints and opportunities of organic and diversity-focused breeding and seed production