

## **COBRA workshop, 25<sup>th</sup> June 2015, Munich, Germany**

### **Organization models and funding of organic plant breeding & barriers and drivers in organic plant breeding in a chain perspective.**

**10.00 – 10.10** Introduction, Tove Mariegaard Pedersen, SEGES, Denmark

**10.10 – 10.40** “Description of two initiatives to stimulate breeding in spring wheat for organic agriculture in the Netherlands”, Edwin Nuijten, Louis Bolk Institute, The Netherlands

- Growing of CCPs in the Netherlands: possible selection methods for improved adaptation, required legislative aspects, important aspects of the production chain to make a CCP approach function
- Regional chains, organisation and funding of plant breeding for organic agriculture: key elements to make such an approach work

**10.40 – 11.05** “Framing organic seeds for market exchanges” Rikke Andersen, Aarhus University, Denmark

- Developments of organic seeds entail the establishment of markets where seeds are exchanged and valued. Market differentiation and processes of qualifying and framing seeds are illustrated in case studies of activities in Denmark where plant materials for organic farming systems are being tested. The case studies concerns 1) Seed savers testing heritage peas and beans; 2) A small miller looking for high quality grain fit for local organic production conditions; and 3) An established conventional breeding company engaged in discussions and testing of barley for organic farming.

**11.15 – 11.30** “Progress in breeding for organics: impacts of the seed derogation system”. Sally Howlett and Gaina Dunsire, Organic Research Centre, United Kingdom

- The seed derogation system is important in allowing organic farmers and growers to use non-organic seed when sufficient organically produced quantities and/or varieties are unavailable; however, it's misuse can hamper the development of dedicated organic breeding programmes and act as a disincentive to investment in this sector. These issues will be examined in this presentation, drawing on examples from the UK and Europe.

**11.30 – 11.45** "Conventional vs. organic soybean production: major bottlenecks from northeastern Italy farms", Fabiano Miceli, University of Udine, Italy

- Preliminary results from a case study questionnaire with agronomic and economic questions handed out from August to November 2014.

**11.45 – 12.00** “Breeding for organic farming: Activities to improve weed competitiveness of spring barley”, Tove Mariegaard Pedersen, SEGES, Denmark

- Dialogues between farmers, consultants, scientists and breeders have led to the development of enhanced methods to register weed competition during the breeding process.

