



Food and Agriculture (FA)

Participating countries

AT, BE, BG, CH, CY, CZ, DE, DK, EE, EL, ES, FI, FR, IE, IL, IT, MT, NL, NO, PL, PT, RO, SI, SE, TR, UK

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COST Action FA1105

Biogreenhouse

Towards a sustainable and productive EU organic greenhouse horticulture (OGH)

2012 | 2016

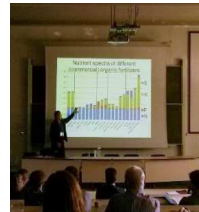
Goals: Building a network of experts to/for


- Linking experts in a integrated approach
- Develop a common agenda and support of agenda setting
- Improve accessibility and availability of knowledge, expertise and facilities
- Coordinating existing research for OGH
- Support the EU in standards development
- Agenda Setting and Submission of proposals and collaboration in research



Main Achievements

- 190 individual members from 28 countries in Europe and abroad; 36% are women and 25% are ESR
- 2nd International Symposium on Organic Greenhouse Horticulture, 28-31 October 2013, Avignon(Fr) with 120 participants from 38 countries from all over the world



- Final Conference-3rd International Symposium on Organic Greenhouse Horticulture, Spring 2016, Izmir (TR)
- 9 WGs and expert meetings to work on deliverables
- 8 Short Term Scientific Missions
- 12 participants Training School on Applied methods in crop physiology Aarhus(DK)
- Prioritizing R&D Topics and agenda setting in collaboration with TP Organics.
- Website an Linked-in  discussion forum



COST is supported by the EU RTD Framework Programme




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Working Group activities

Working Group 1: Robust Planting material

-  A manual for variety testing
- A review on methods for the production of healthy seeds
- WG1+2+3: Methods and substrates for resilient planting material

Working Group 2: Soil fertility, Suppressiveness and Water management

- Guide for soil fertility in OGH
- Standards for composting
- Watermanagement and reduction of emissions
- Document on human health risks

Working Group 3: Plant health

- Review paper of state of the art of Mediterranean and Northern European OGH
- Reviews on Conservation Biocontrol, Microbials and Promotion Plant Defense



Working Group 4: Energy use and Climate neutral production

- Analysis of the energy economy and fossil energy use in relation to region, growing system and cropping schedule
- Develop options for climate neutral production: low tech and high tech



Working Group 5: Sustainability and Standards

- Development of a sustainability tool kit for OGH
- Production of road maps to improve sustainability of OGH
- Inform and give policy advice to stakeholders especially for the development of EU standards

18th March 2014

Industry participation

International Society of Horticultural Science (ISHS)



WG leaders – STSM coordinator

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