

Towards a sustainable and productive EU organic greenhouse horticulture

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Action builds a network of researchers and advisors

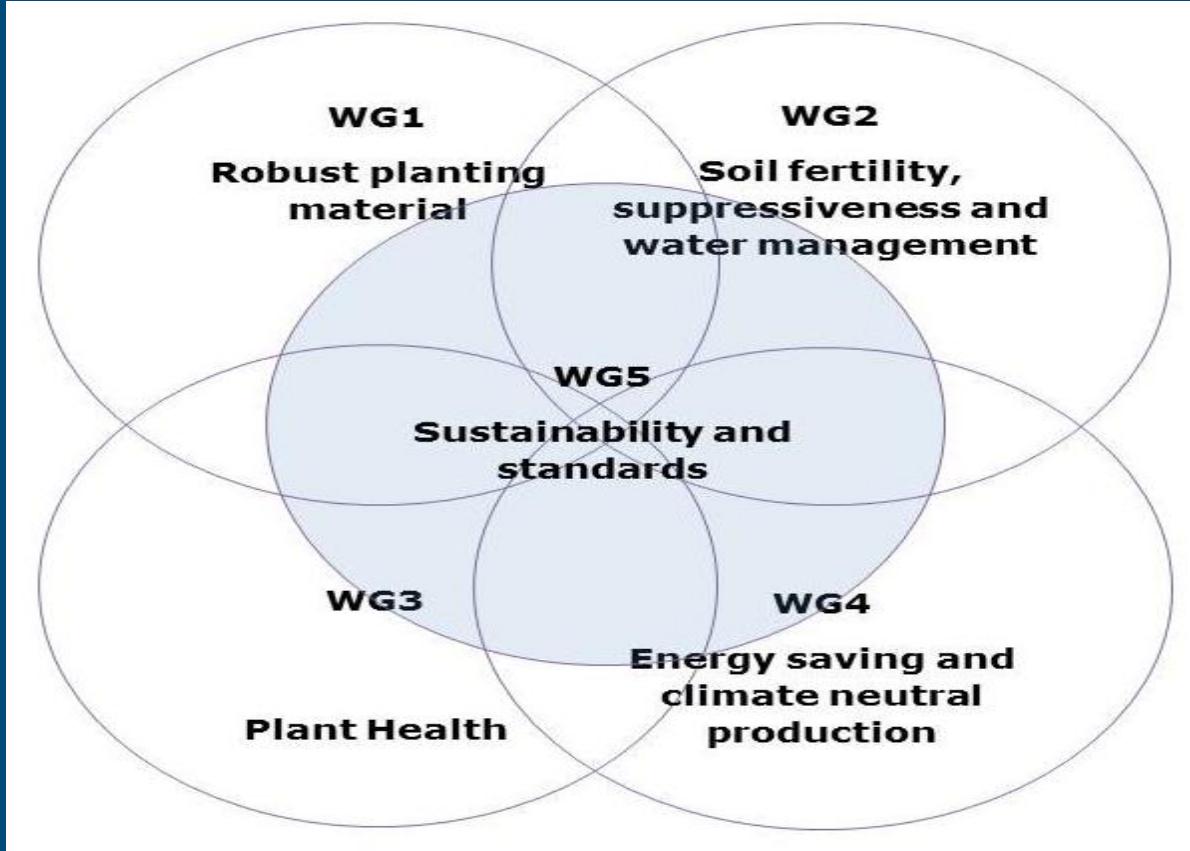
- Coordinating existing research for OGH
- Linking experts in an integrated approach
- Develop a common agenda
- Improve accessibility
- Support the EU in standards development
- Submission of proposals

for a sustainable and productive organic greenhouse horticulture

Key topic areas

- Robust planting material
- Soil fertility, suppressiveness and water management
- Plant Health
- Energy saving and climate neutral production
- Sustainability and Standards

Related topic areas need integrated approach



Objectives

- *Robust planting material*
 - Standards for seed treatment and variety testing
- *Soil fertility, suppressiveness and water management*
 - Water management strategies
 - Use of composts and soil amendments
 - Alternatives for peat
 - Risks in drainwater recycling
- *Crop Health*
 - Resilient cropping system based on ecological support functions
- *Energy saving and Climate neutral production*
 - Analysis of energy economy
 - Options for climate neutral production
- *Sustainability and standards*
 - Indicators for sustainability
 - Roadmaps to improve sustainability
 - Inform and advice for EU standards

How to yield these objectives?

- Collaborative community of researchers and advisors
- Agenda and action plan
- Meetings, focussed workshops, STSMs, ESRs
- Website and social media
- Conferences

Target groups

- *Researchers*
- *Advisors*
- *Certification bodies*
- *Policy makers*
- *Industry*

Deliverables : *applicable to all topic areas*

- Inventory available information and ongoing research
- WG plan
- Common research and innovation agenda
- Website
- Reports of meetings and workshops on the website
- Calls for STSMs and ESRs
- Open workshops and scientific and applied publications and presentations
- Conference

Specific deliverables I

- *Robust planting material*
 - Manuals for seed treatment and variety testing
- *Soil fertility, suppressiveness, water management*
 - Guideline for soil fertility management
 - Document on organic substrate
 - Guideline composting and making suppressive compost
 - Leaflet on tools for water management
 - Document on risks for human health
- *Plant health*
 - Documents on the management of diseases
 - Documents on pest management by non-chemical means

Specific deliverables II

- *Energy saving and climate neutral production*
 - Inventory of energy economy and use fossil energy
 - Guidelines for reduction
 - Infopackage on energy use by crop management
 - Document of the feasibility of substitutes for fossil energy

- *Sustainability and standards*
 - Toolkit with sustainability indicators
 - Roadmaps to improve sustainability
 - Publication scientific background standards and Good Pr.

Organisation

- *Structure*
 - MC
 - Five WGs
 - Core Group Meetings
 - STSM Evaluation Committee
 - Website and portal
- *Meetings and workshops*
- *Agenda and Action Plan*

Timetable, Milestones and deliverables

Timeline	Milestone	Deliverables (see for description D.2)
M01 – 02	- Initial MC meeting, election of chairs, etc - Launching the website	Action: Website
M03-04	- MCmeeting - WG meetings - 1 st round of STSM applications	A, B, C, 5a and outline of 5b
M10	- Core group meeting (optional)	Report
M16	- MC Meeting - WG meetings - 2 nd round of STSM applications	A,B,C,E, outlines of F, 1a, 2b, 2d, 3a ,3b, 4a,4b, 5c and 5 d; draft of 5b
M22	- Core Group meeting (optional)	report
M28	- MC Meeting - WG meetings - 3 rd round of STSM applications (Joint)Workshops per WG	A,B,C,D,E,1a,5b; outlines of 2a, 2c,2e,4b,4c,4d; drafts of F, 2b,2d, 3a, 3b,4a, 5c and 5d
M40	- MC Meeting - WG meetings - 4 th round of STSM applications	A,B,C,E, 2b,2d, 4a, 5c and 5d partly; drafts of 2a, 2c, 2e, 3a,3b,4b,4c,4d
M46	- Core group meeting (optional)	Report
M52	- MC Meeting - WG meetings - Conference	B,E,F,G,1b,2a, 2c,2e, 3a, 3b,4b,4c,4d,5c, 5d,5e

Manageable? We have a history

- 2008:Modena
- 2009 Cologne
- 2010 Bleiswijk 1st Conference



Innovative?

- not highly for the separate elements
but
- for the integrated approach

To build a sustainable and productive OGH

Thanks for your attention

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