

Choix technologiques et axes de recherche et de formation supérieure

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Conférence de présentation de l'étude de faisabilité du centre d'excellence en horticulture à Agadir, 2-12-2015

Wageningen University & Research Centre

Science Groups:

- Plant
- Animal
- Social
- Environment
- Agro-food



Core activities:

- Research
- Education
- Knowledge transfer

About 1500 staff
~30% foreigners
~100 countries

Some 6500 staff & 11000 students (BSc, MSc, PhD)

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International student population



MSc-students 2011-2012

PhD-students 2011-2012

<http://www.wageningenur.nl/en/Education-Programmes.htm>

4233 Prospective foreign MSc student this year



not accepted 1248

accepted under condition 747

accepted 2238

Wageningen has NO agreement with non-EU institutions for privileged/unrestrained access

<http://www.wageningenur.nl/en/Education-Programmes.htm>

PhD students: financing

- With Dutch "project" money: standard selection process
- With "own" money: in general accepted with sufficient qualification
- Sandwich PhD program: aimed at scientists with a supportive home institution in third countries. Strong selection; involvement of WUR and home institution



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In all cases, previous contact with a Wageningen group is needed, to ensure there is mutual interest

in ALL cases a GO/NO GO assessment is done after 9-12 months about the ability of the candidate to finish in the expected time



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Wageningen UR Greenhouse Horticulture

one of the Units of the Plant Science Group

- Some 100 scientists dealing with all aspects of greenhouse production
- Proud to be the largest concentration of greenhouse specialists in the world

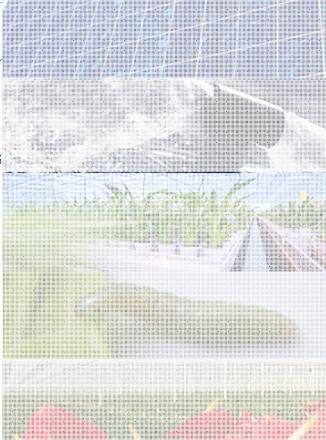


WAGENINGEN UR
For quality of life

Fields of expertise:

- Sustainable crop protection
- Innovative cropping systems
- Quality of crop and product
- Climate and energy
- Water use and emission

...applied at home and abroad

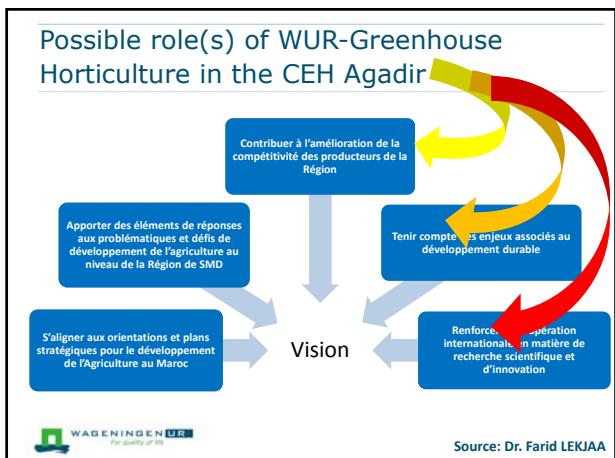


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For quality of life



Some 100 greenhouse compartments

- [Fully] controlled environment
- Soil and/or substrates and/or tables
- Natural and/or forced ventilation
- Cooling and/or complete conditioning
- Artificial light [LEDs and/or HPS]
- Fertirrigation [split within compartments]
- Crop protection
- Insect breeding
- Crop protection laboratories
- Test facility for taste of products
- Innovation and Demonstration Centre

Means:

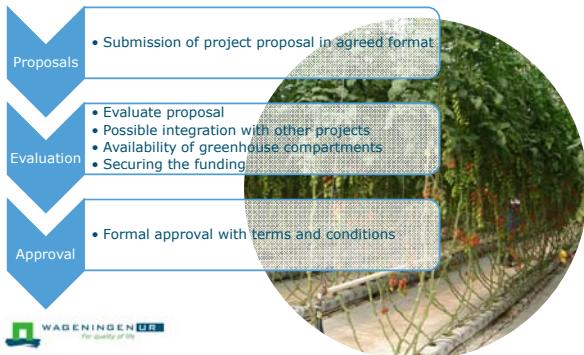
1. capacity building on research projects

- Preparation of research proposals
 - Goal of research
 - Parameters (factors)
 - What to measure
- Planning and execution of experimental research
 - What to measure
 - Plot lay-out
 - Repetitions
 - Data collection
- Analysis and reporting of experimental results
 - Statistics
 - Conclusions
 - Reporting

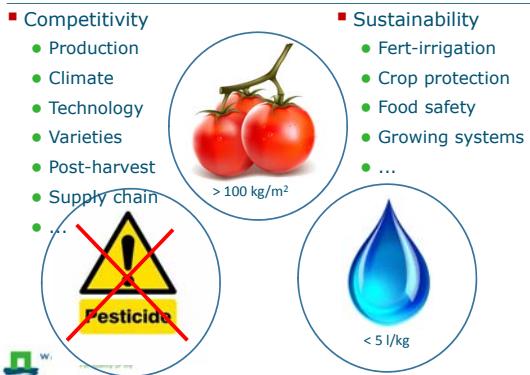


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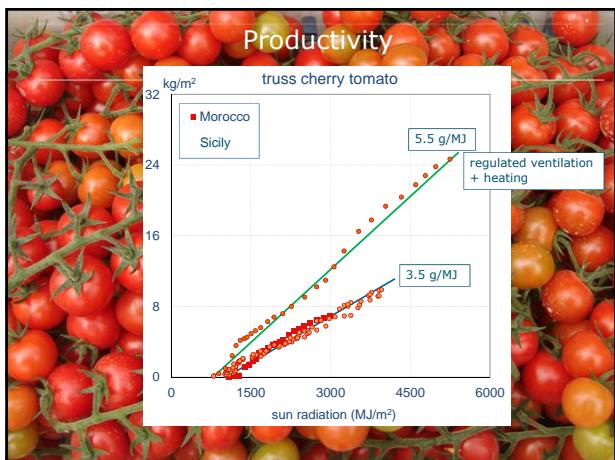
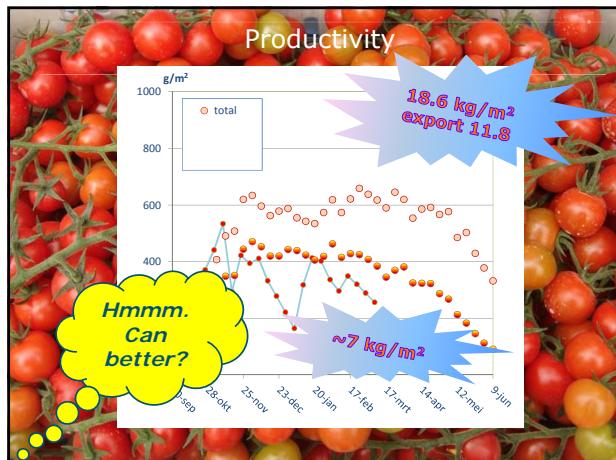
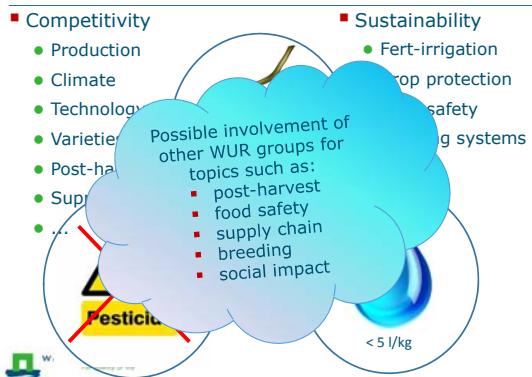
Means: 2. involvement in selection of projects and allocation of facilities



Means: 3. selection of topics



Means: 3. selection of topics



Need for a cost-benefit analysis

