



# Adaptive greenhouse horticulture world-wide

## The contribution of Wageningen UR to knowledge transfer

### Integrated approach

A successful development of horticultural projects requires a broad approach in which the alignment to local conditions is essential. For example, crops can be grown in soil or on substrate, or be produced for the local market or for export. Wageningen UR excels with an integrated approach and knowledge in the field of adaptive horticulture. Expertise from different disciplines are combined to answer spatial planning issues and specific crop cultivation matters.

### The adaptive greenhouse horticulture approach

- Sector assessment
- Development of a business plan
- Integration with the supply chain and market concepts
- Design and development of greenhouses
- Design and development of cultivation systems
- Collaboration with knowledge centres



A GreenFarming water demonstration trial at van den Berg Roses in Kenya is realized in collaboration with the Jomo Kenyatta University of Agriculture and Technology.

### The importance of knowledge

Greenhouse horticulture is very knowledge-intensive. Technical development must be accompanied by training and knowledge transfer.

“Public investment in public goods such as productivity-enhancing agricultural research and education have consistently high payoffs for society” (FAO, 2012)

### Knowledge transfer

Knowledge transfer is therefore one of the main activities of Wageningen UR.



WUR Greenhouse Horticulture manager with local growers in Uganda

Approaches to knowledge transfer and education:

- Development of training schemes
- Execution of local courses
- Training at Wageningen UR
- Collaboration with private partners, universities and research centres
- Spreading lessons-learned in demonstration projects
- Awareness improvement with public and private stakeholders



Sustainable innovation centre in Turkey

