

The Centre of Expertise Greenports is a partnership between four universities of applied sciences. The Centre was founded in response to demand for innovative products and applications from businesses operating in the Dutch Greenport regions. Knowledge development and diffusion are central to all Centre of Expertise activities with the purpose of reinvesting this knowledge in the education given by the participating institutions.

## OUR KNOWLEDGE HELPS YOU MOVE FORWARD

The Centre of Expertise Greenports has in-house expertise on new growing systems, health, market and logistics, and strengthening export and import positions. The advantage of the Centre is reflected in the mutual collaboration and joined forces to find solutions on:

# HEALTH

### How may food continue to contribute towards a better health ?

#### Green Health Technology

Lately two projects of the Centre of Expertise Greenports have been concluded, one so called Plant & Diabetes Fase I in which some plants have proven to be very effective against diabetes and the other Plant & Diabetes bittergourd in which is proven that *Momordica charantia* has a positive effect against diabetes, which still needs to be optimized by further testing and growing protocols in a project to come.



#### Food patterns

Life style diseases do have a fair share in the expenses of Health Care. One of these life style patterns is food. The prevalence of life style diseases has increased over the last decades and on basis of scientific publications we may conclude that the consumption of vegetables does have a positive effect on different risk factors on a variety of these diseases. The question is, how the consumption of vegetables amongst a wide population can be increased.

## Genetics

Research on how to improve the nutritive value of vegetables by means of breeding new varieties.

## Growing conditions

Testing with different growing factors on the occurrence of active ingredients in fruits and vegetables that may generate a higher nutritive value of food.

## Market development, distribution & logistics

Food Design and developing concepts are expertise's that may contribute to an increase in products creatively offered to the consumers at different locations in a different way. This may lead to other channels of sales and at the same time it raises new questions in regard to distribution & logistics.

## Data collection and citizen science

This involves a personalized approach of food for health and this implies that the individual knowledge of persons about their health may play a major role in research and development.

Therefore, new forms of citizen science are required, which besides the usual collection of data and interpretation, explores and develops a new generation in methodology.



## New business models

The growing legion of autonomous and self-confident patients and healthy citizens are ready to accept other margins of security if confidence can be realized in a different manner

Are you interested in more information or a consult with one of our partners?  
Please fill in your contact details below and send this card in an envelope to:

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