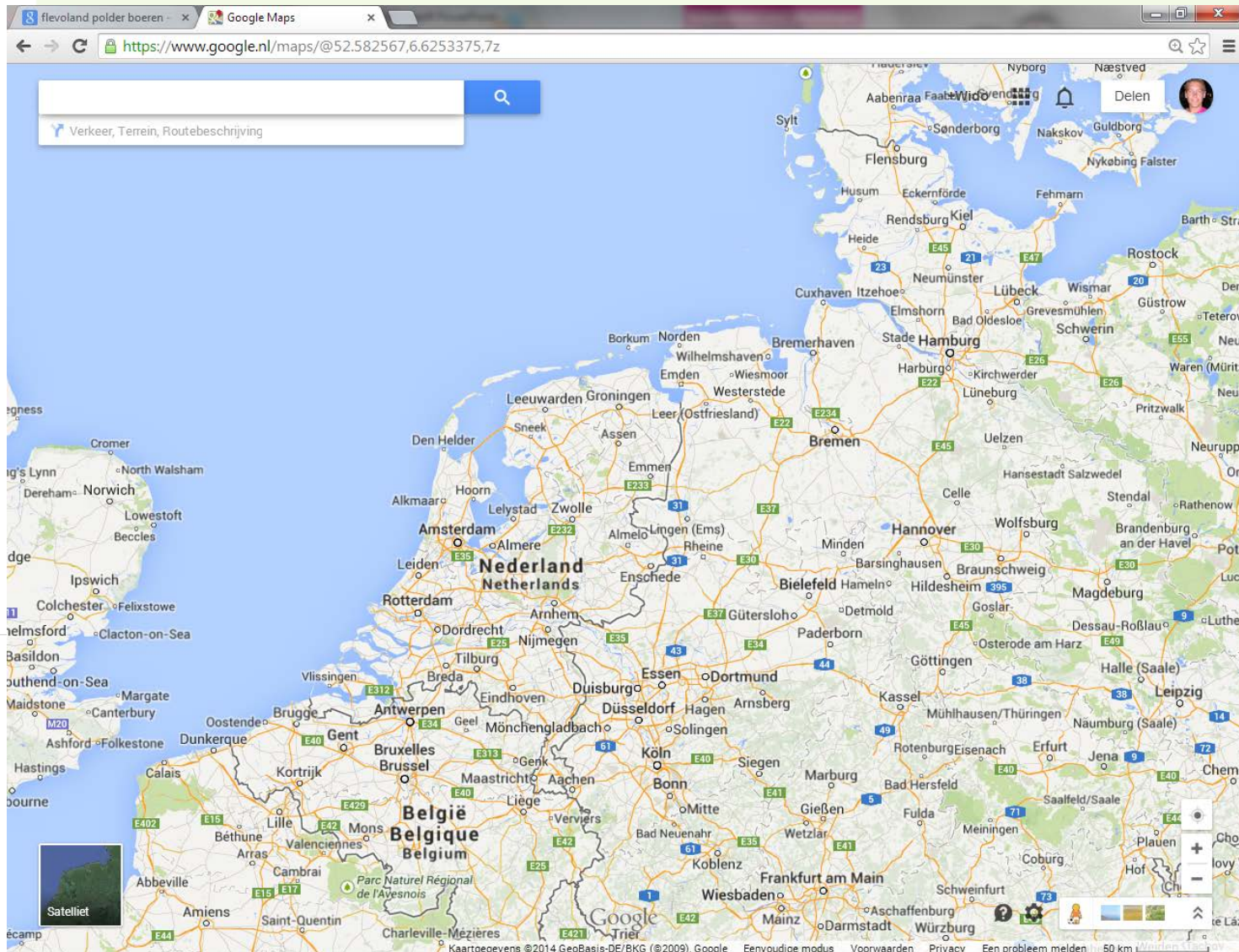




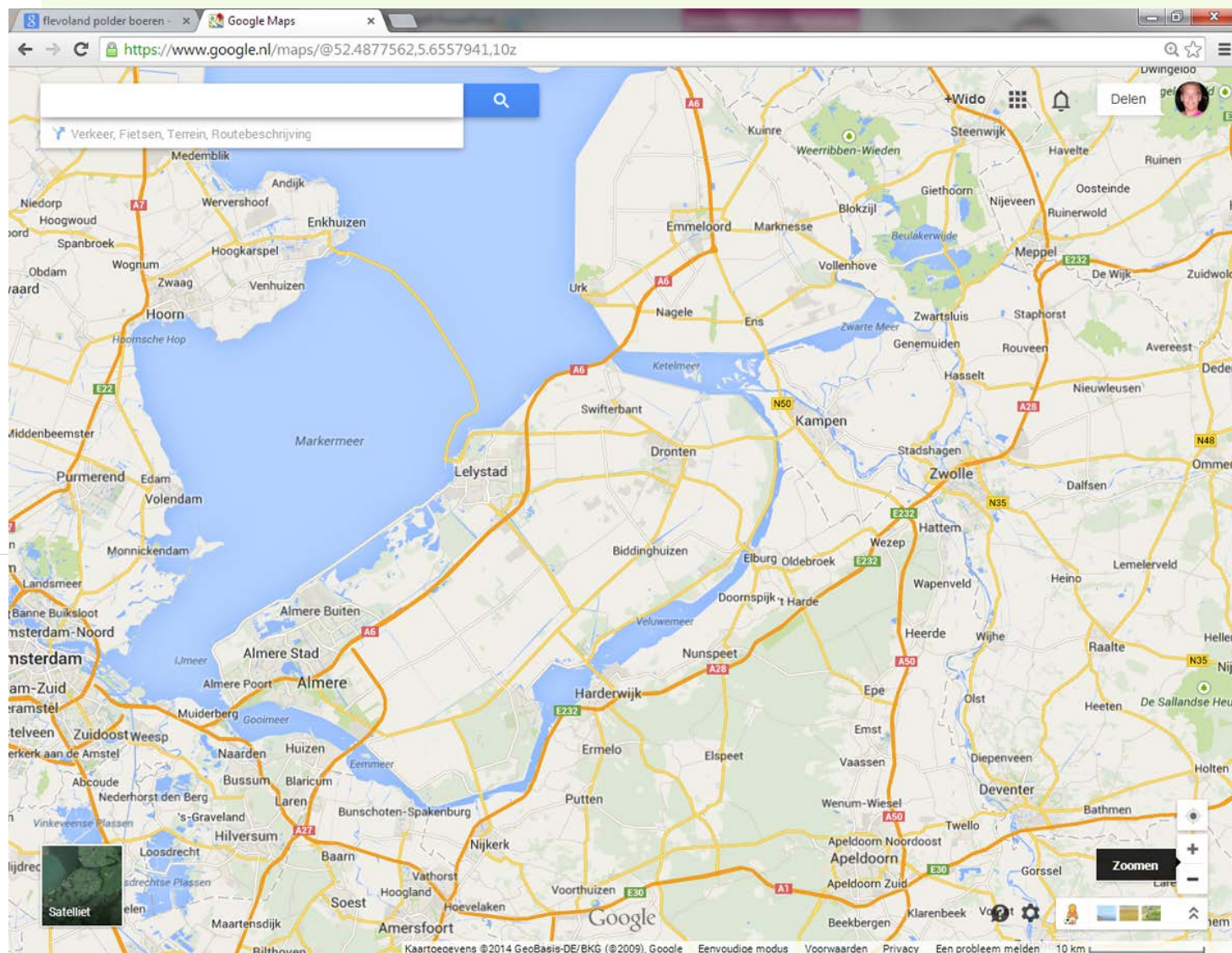
Innovation in Agricultural and Horticultural Education – Competencies and Skills for the New Urban Food Entrepreneur

Ekkel, E.D., Stienstra, M., Hoof, T.
van, Coobs, H., and Dekking, A.

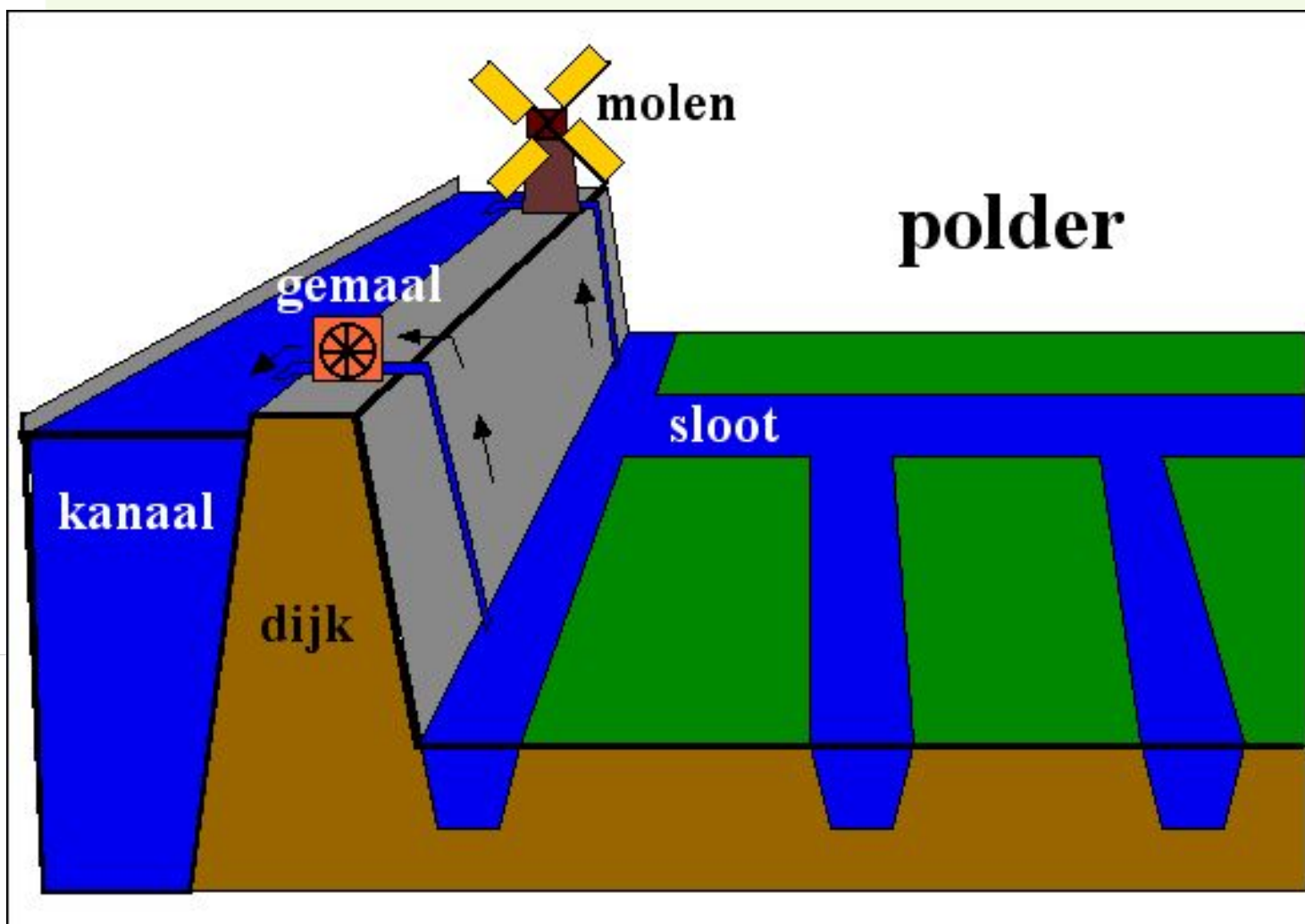
What is CAH Vilentum ?



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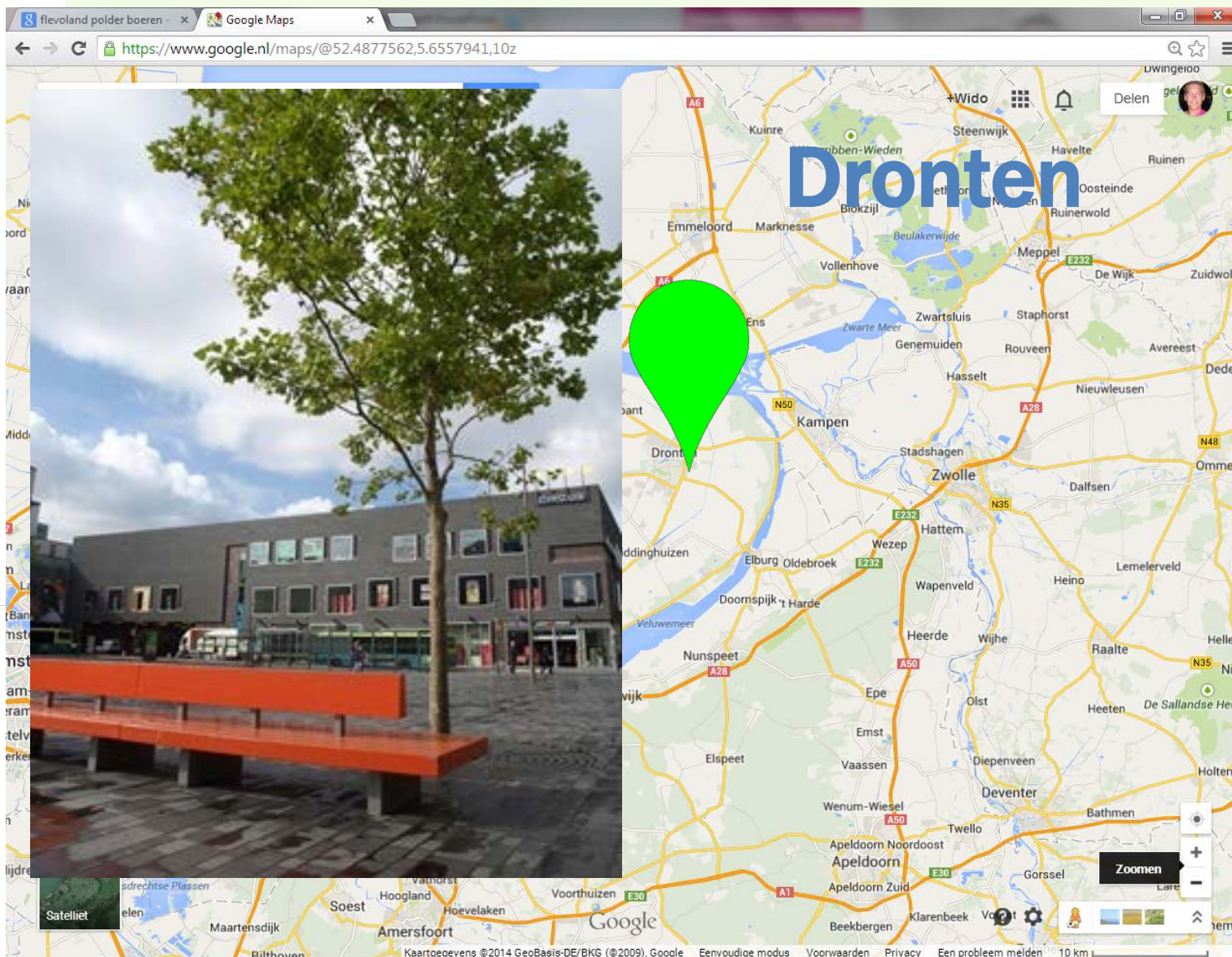


Educational programs

- Plant Production, Horticulture, Animal Production
- Animal Health and Welfare
- Agricultural Business Administration
- Agro technique
- International Food Business
- Food Chain Management
- Urban Dynamics



What is CAH
Vilentum ?

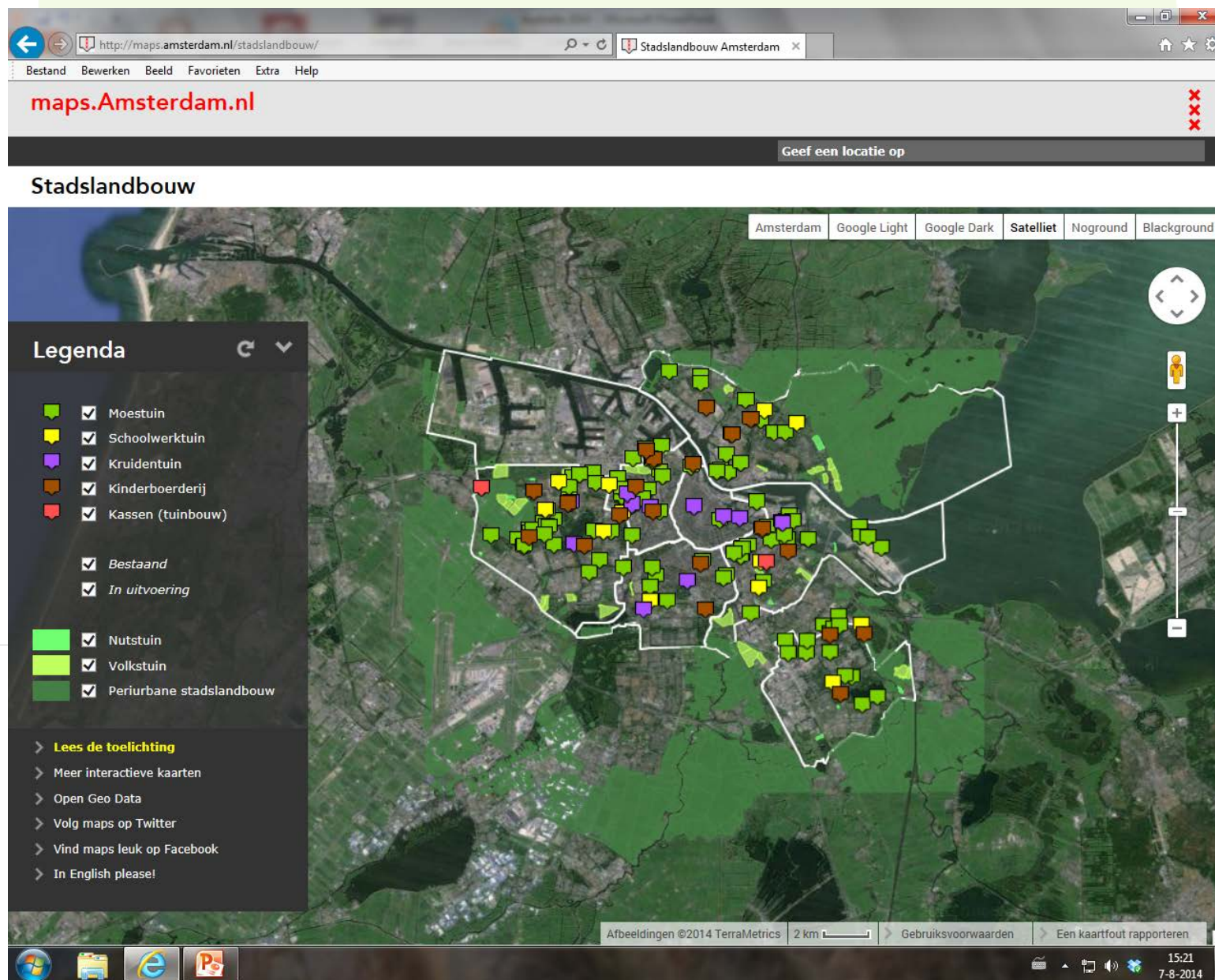


Educational programs

- Applied Biology
- Biology, Food and Health
- Green Urban Development
- Rural Innovation and Management



Developments in urban agriculture



Developments in urban agriculture

Benefits



Educational programs

- Plant Production, Horticulture, Animal Production
- Animal Health and Welfare
- Agricultural Business Administration
- Agro technique
- International Food Business
- Food Chain Management
- Urban Dynamics

Main research question :

Do we have to change our agricultural and/or horticultural curricula in order to make graduates more equipped to participate in – or start urban food initiatives

.....and if so, HOW should the curricula change ?



First : two-days tour through the country, visiting 7 urban agriculture and/or horticulture entrepreneurs.

→ What are we talking about, what IS being an urban entrepreneur producing food ??



Secondly, in-depth interviews, internet survey, questionnaire, including scoring competencies and skills (1-5)

Enthusiasm and passion
Being client driven
Dare to be visible
Communicative skills
Quality awareness
Able to cope with adversity
and stress
Listening skills
Ambient awareness
Organizing

Network skills
Innovation
Cooperation
Acting cost conscious
Negotiating
Self reflection
Leadership
Process focus
Result-oriented action



Method

Example



Method

-

Example





APRIL WEEK 7

PLANTAFSTANDEN

Hoe ver zet je de planten uit elkaar?
Vaak helpt het om te bedenken hoe groot je plant ongeveer
gaat worden... Hieronder een lijstje als hulp.

Groente	Rijafstand x Plantafstand
Aardappelen	30 x 30
Aardbeien	80 x 25
Anjovijn herfst	30 x 30
Blaauwknol	30 x 30
Bloemkolen	60 x 60
Bonenkaden	40 x 50
Bontjes	50 x 50
Broccoli	40 x 45
Cherrie kool	50 x 40
Rapen	40 x 30
Courgette	100 x 100
Knoflook	50 x 40
Koolrabi	30 x 30
Peterselie	20 x 5
Pompoenen	250 x 80
Pist	40 x 15
Raapstelen	10 cm tussen de rijen
Rauber	100 x 80
Radijsen	10 cm tussen de rijen
Ramenak	25 x 25
Rode kool	40 x 50
Savooikolen	50 x 50
Schorseneren	25 x 25
Sjalotten	20 x 10
Kipdrade	25 x 25
Spruiten	70 x 40
Uien	20 x 10
Witloof	30 x 15
Witte kool	70 x 70
Wortelen	30 x 5

De groenten, team Koninghof



KONINGHOF STADSBLANDBOUW IN UTRECHT (2017)
Koninghofweg 133 3569 LA Utrecht
www.koninghofutrecht.nl - www.facebook.com/koninghofutrecht

Impression of the tour :

Idealists ?

Strong motivation

Social entrepreneurs

Pioneers

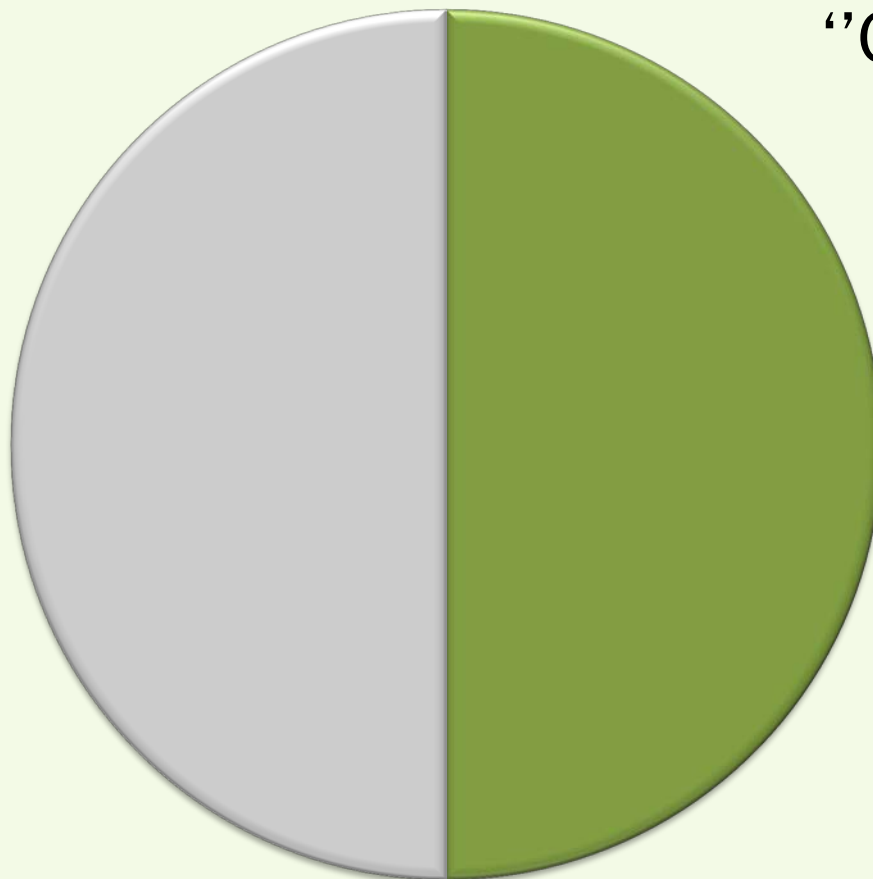
Diehards



What do they DO ?

The rest

“Green”



Competencies and skills of the new urban agriculture entrepreneur



Conclusion :

- No specialised full educational program, but offer choice modules about urban entrepreneurship
- Include development of strong social and communication skills and ambient awareness into these modules.
- Cooperate with educational programs and schools and universities that are by definition more client-driven, such as Gardening, Leisure, Hotel and Catering, Recreation, Caring and Health, etc.





Please join us !!

GROWING GREEN CITIES
FLORIADE
ALMERE 2022