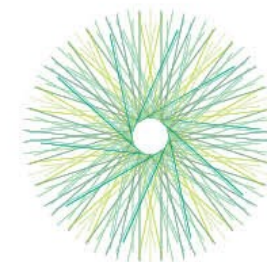


EIP-AGRI Seminar

Moving EIP-AGRI implementation forward

May 10 – 11, 2017 – Athens, Greece



eip-agri
AGRICULTURE & INNOVATION



funded by





EIP-AGRI Seminar 'Moving EIP-AGRI implementation forward' Wednesday 10 May 2017 – Athens, Greece

08:50 – 12:00 Social event: guided tour of the Acropolis Museum

12:00 – 13:00 Registration and buffet lunch

Setting the scene – Why are we here in this seminar?

13:00 – 13:10 Welcome by the host and by DG AGRI, European Commission

Charalambos Kasimis, Greek Secretary-General of Agricultural Policy and Management of European Funds

Alexander Bartovič, DG Agriculture and Rural Development

13:10 – 13:25 The bigger picture of the EIP-AGRI

Inge Van Oost, DG AGRI

13:25 – 13:30 Warm-up

Sebastian Elbe, EIP-AGRI Service Point

13:30 – 14:00 What EIP-AGRI is about – examples of Operational Groups (OGs)

- DE – Mecklenburg-Vorpommern, *Ulrich Knaus – Aquaponics, combining plant and fish production*
- SE – Sweden, *Samo Grasic – Innovative planning in reindeer herding*
- FR – Midi-Pyrénées, *Christophe Durand – Triple performance for pig farming*
- IT – Emilia-Romagna, *Matteo Gatti – Competitive and sustainable viticulture*
- **BE – Flanders, *Koen Mertens – Testing the potential of sensors for GPS technology on pilot farms***

14:00 – 14:20 1st breakout session – “Getting to know each other”

Introduction – *Sebastian Elbe, EIP-AGRI Service Point*

SOCROSense

= SOil and CROp Sensing technologies

EIP-Agri meeting Athens 11/05/2017



Coordinator: Joris De Nies
Presenter: Koen Mertens



PROEFSTATION
VOOR DE GROENTETEELT

Objectives

- Stimulate innovation through the use of GPS technology
 - Cost-efficiency
 - Decrease loss (fertilizer, IPM,)
 - Increase yield
 - Time reduction
 - Environment friendly
- => win for farmers/foresters



Partners



Research Stations

- Proefstation voor de groenteteelt
- Hooibeekhoeve

Farmers/horticulturists

- Josse Peeters
- Boomkwekerij De Bruyn
- Groentenhof
- Denys Carrots
- Carolus Trees

Knowledge institutes

- ILVO
- KULeuven



Sensor Companies

- Hillaire van der Haeghe
- Agrometius

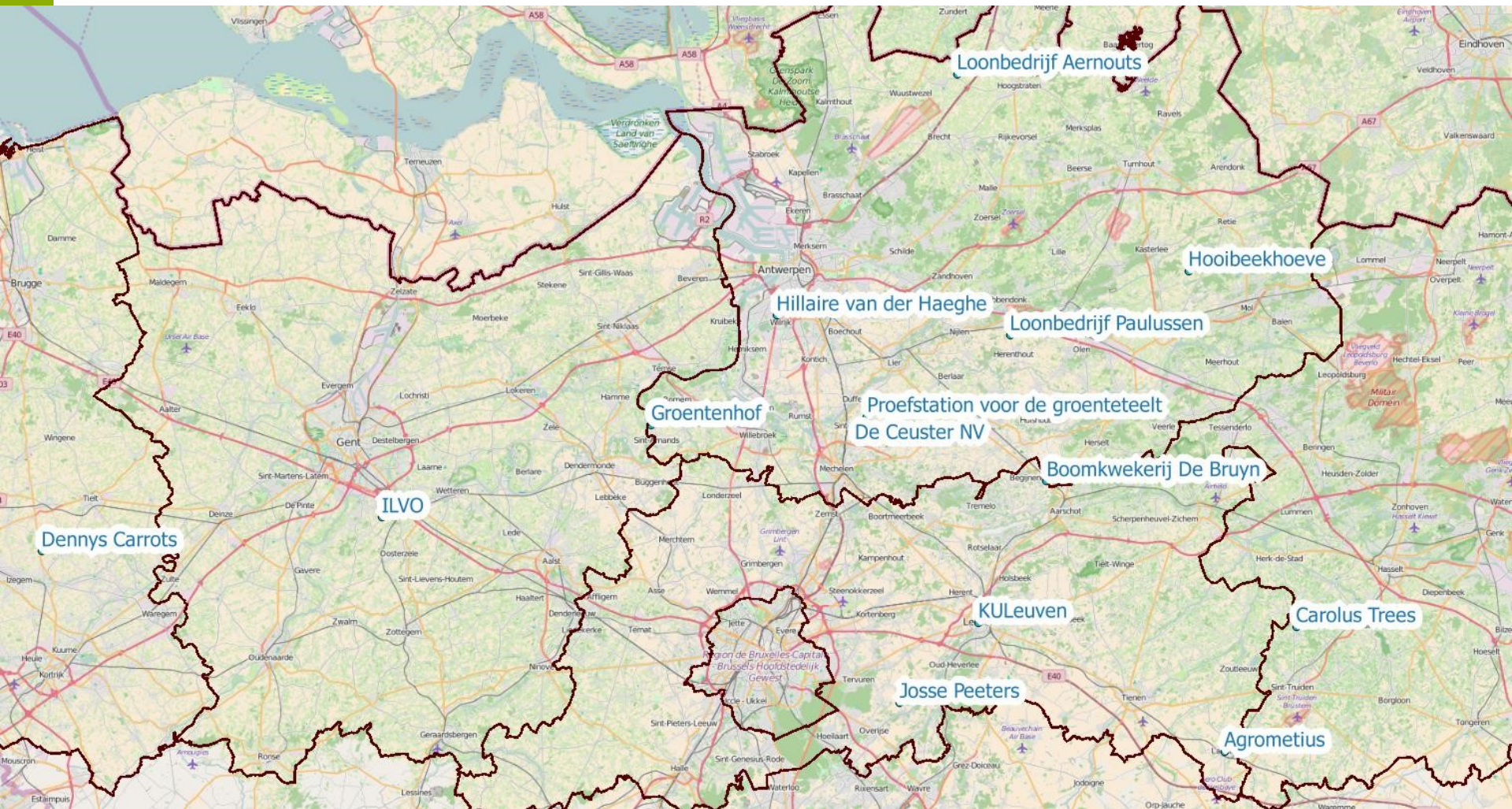


Contractors

- De Ceuster
- Loonbedrijf Swa Aernouts Landbouwwerken
- Loonbedrijf Paulussen



GPS? GNSS!

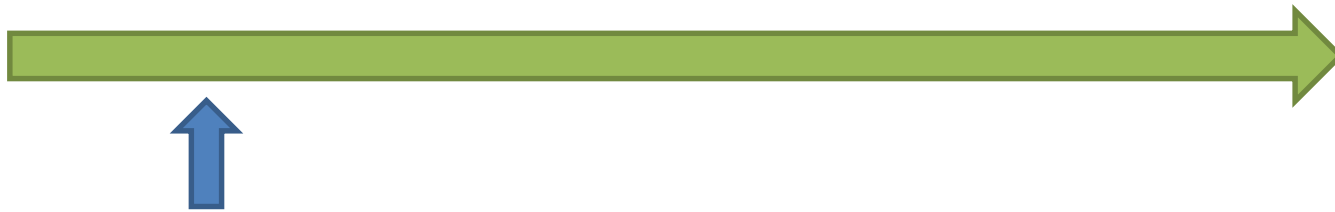


Timing

- 2 year project

12/2016

12/2018



- Currently: GPS technology applications in Flanders? Impact on farm?
- Todo:
 - Experience exchange
 - Sensor data: how to use and combine?
 - GPS & sensor applications abroad?

SOCROSense abstract

The aim of SOCROSense is supporting pioneer farmers who have experience with the use of GPS close-sensing techniques, focused on soil and crop sensors. These pioneer farms are a mixed group of farmers, market gardeners, tree nurserymen and agriculture contractors. Together with actors from research institutes and relevant business companies this group wants to create a surplus value and develop a vision for a mid-long term for these sensors. Therefore an analysis shall be made how data of these sensors can be used in a farm and can be exchanged by third parties. Furthermore an approach on how the data flow of different sensors can be combined and the opportunities that can be reached, is investigated. An inventory of GPS-sensor technologies will be made with pro's, contra's, potential and technical requirements of commercial or nearly-commercial sensors. Also the potential of how GPS sensor technology can influence/steer the company crop management will be studied. Moreover, there is a knowledge gap on how data from different sensors can be combined to answer specific questions from pioneer farms. According to the farm type the best combination of GPS-sensors data will be determined. This project will also carry out a benchmark study in foreign companies experienced with GPS-sensors. 3 demo activities will be held and specialized media articles will be published.

Advantages of using GPS technology for the farmer

- Fertilizer application
- Planting
- Harvesting
- Weeding
- Variable Spraying
- Sensing!
- Controlled traffic farming
- **Precision agriculture** in general: Apply the correct action, at the right spot, at the right time.

A picture is worth a thousand words



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**All seminar presentations and
documents are available on
www.eip-agri.eu**

