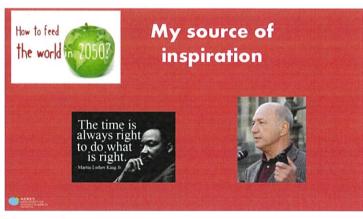
## 37] + Z. Aeres University of Applied Sciencer (2015. 9.15)



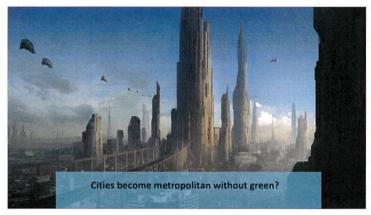












# THE URBANION

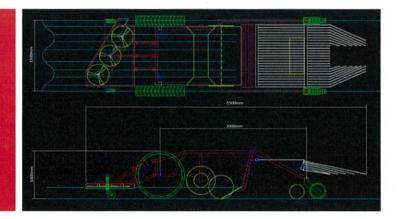
The Quality of the Future depends on the Quality of Our Cities

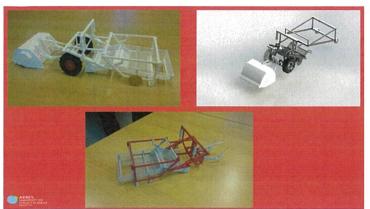
The Quality of our cities depend on the quality of our agriculture and quality of the countryside





Autonomous Agricultural Navigation

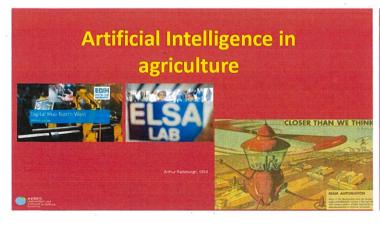


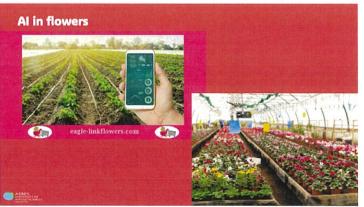




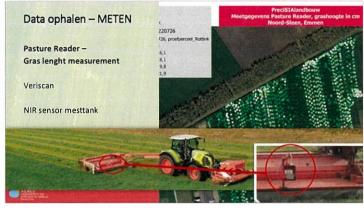


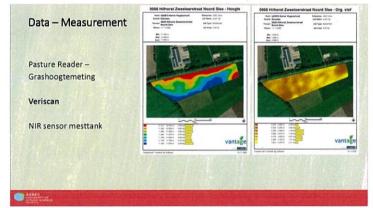


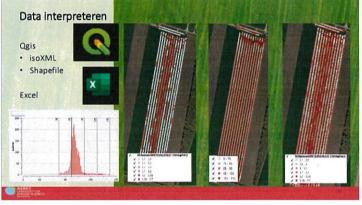




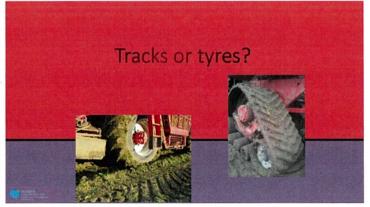












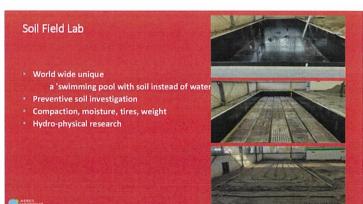










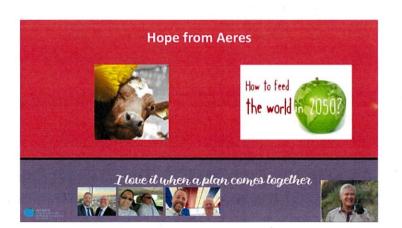












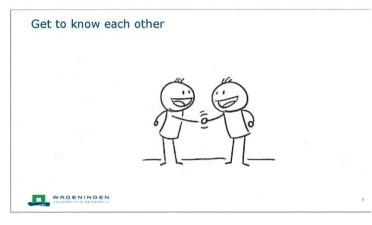
# 37773. Wageningen University & Research (2015, 9.15)



## Agenda

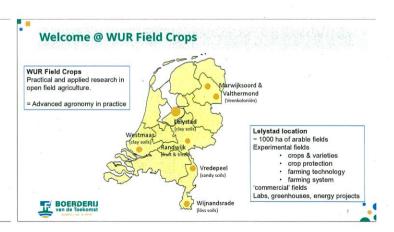
- 1. Welcome and introduction
- 2. Explain on Farm of the Future concept
- 3. Field visit
- 4. Closure







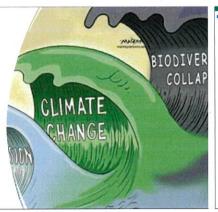


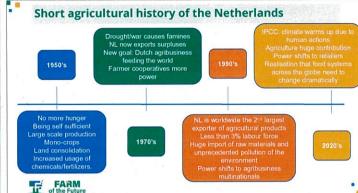




to change.

WAGENINGEN MANUEL MANUE









WAGENINGEN







Stakeholder platform



governments, companies, civil society organisations, financial institutions, etc.





Innovative platform

Developing new innovations

• Agenda-setting via roadmap

• Collaboration

Field lab

System
demonstration, test
platform
Testing and
improving the
system
Gaining
experience

experience Testing innovations in practice

in other regions and sectors



#### 3. How did the FotF develop?

On the basis of agroecological principles supported by technology and through extensive multistakeholder consultation rounds.





#### **Including nature inclusive principles**



Looking at a farm from a worm's or bee's perspective:

- Providing habitats for species: micro fauna, soil life, insects, mammals, birds, water organisms, etc.
- Providing infrastructure for nature networks;
- Landscape, tourism, cultural aspects.

#### Including regenerative agriculture principles





### Advanced technology

- Low and high-tech
- Sensing and actuation
- Heavy on controlled traffic





#### **Cultivation system fieldlab**

· No fossil energy, positive energy balance









#### **Cultivation system fieldlab**

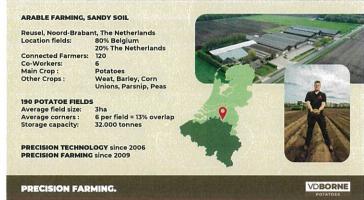






377744. Jacob van de Borne potato farm (x0x5.9.16)

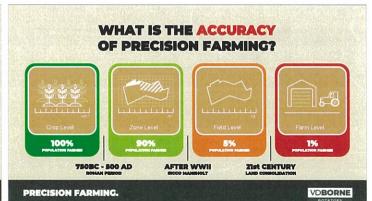


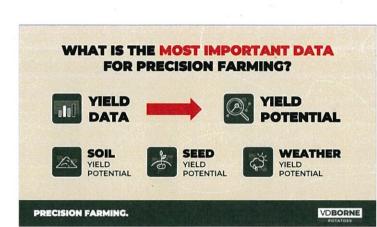


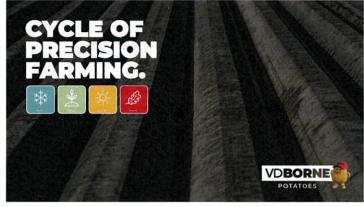




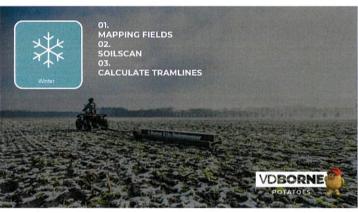






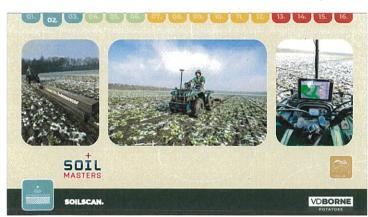








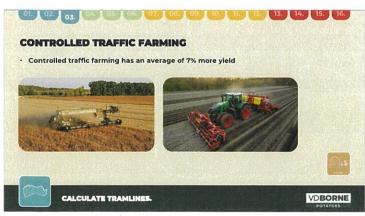


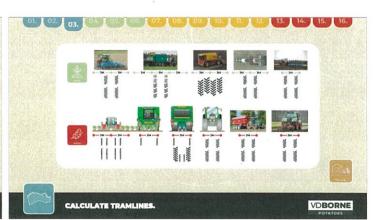


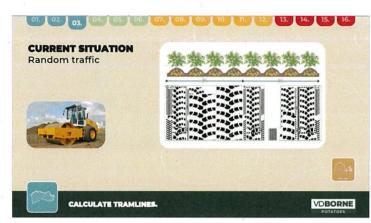


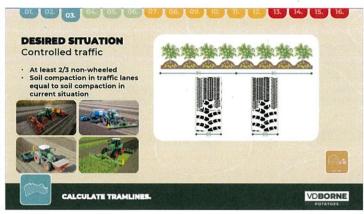








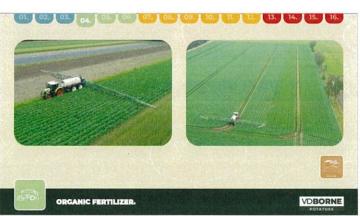




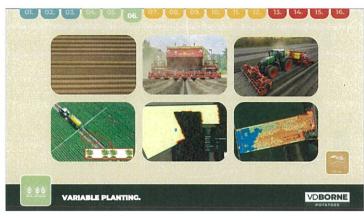








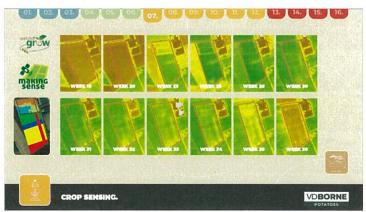


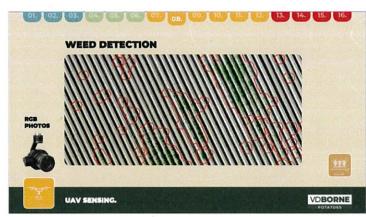


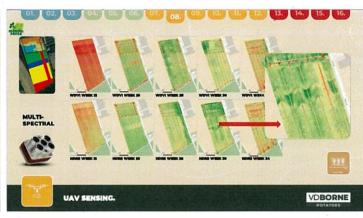












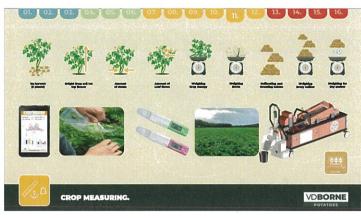










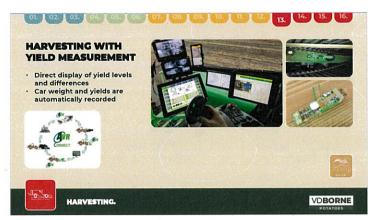




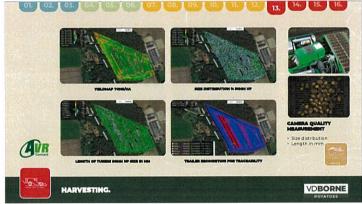


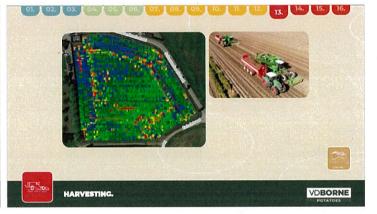




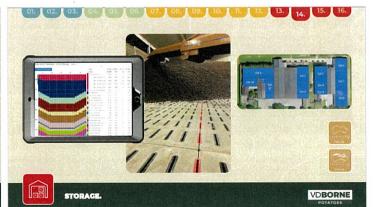


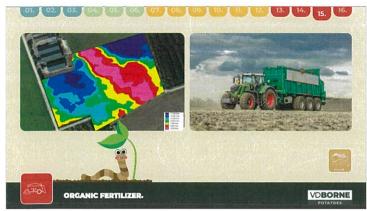






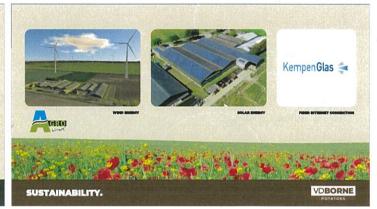


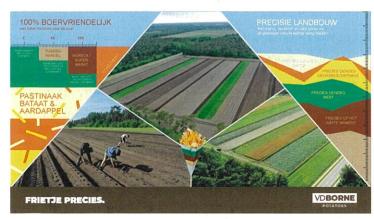




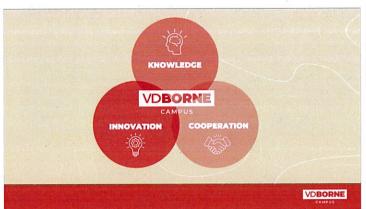




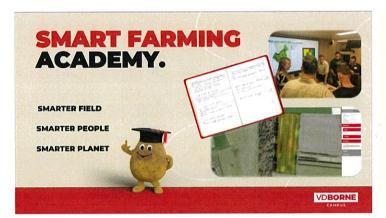


















3757 + 5. BBLeap ( 20x5.9, 16)













