



Netherlands Enterprise Agency

Information Exchange on field-polygons between government and business

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>> *Sustainable. Agricultural.*
Innovative. International.



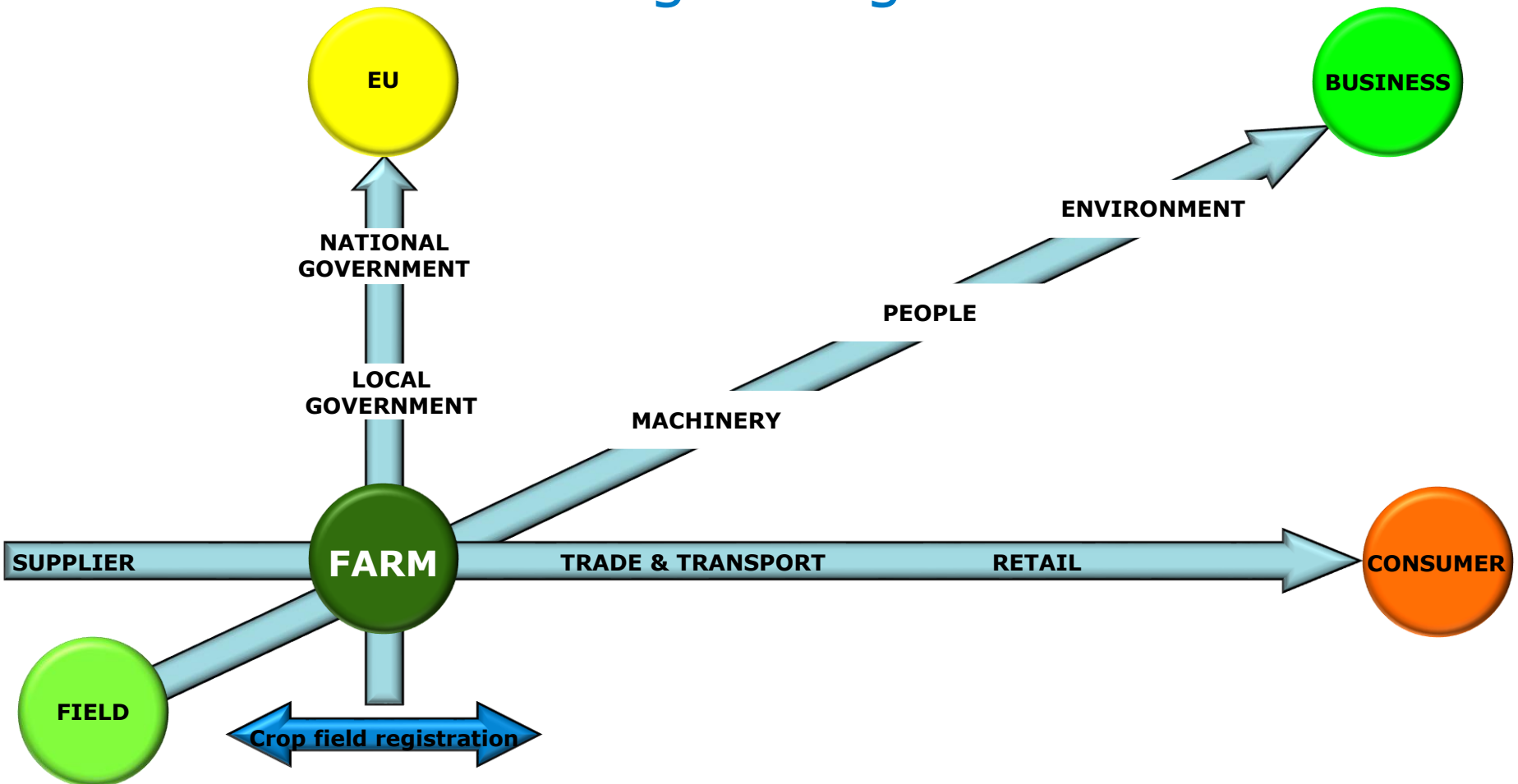
Agenda

- Problem
- Solution
- Challenge



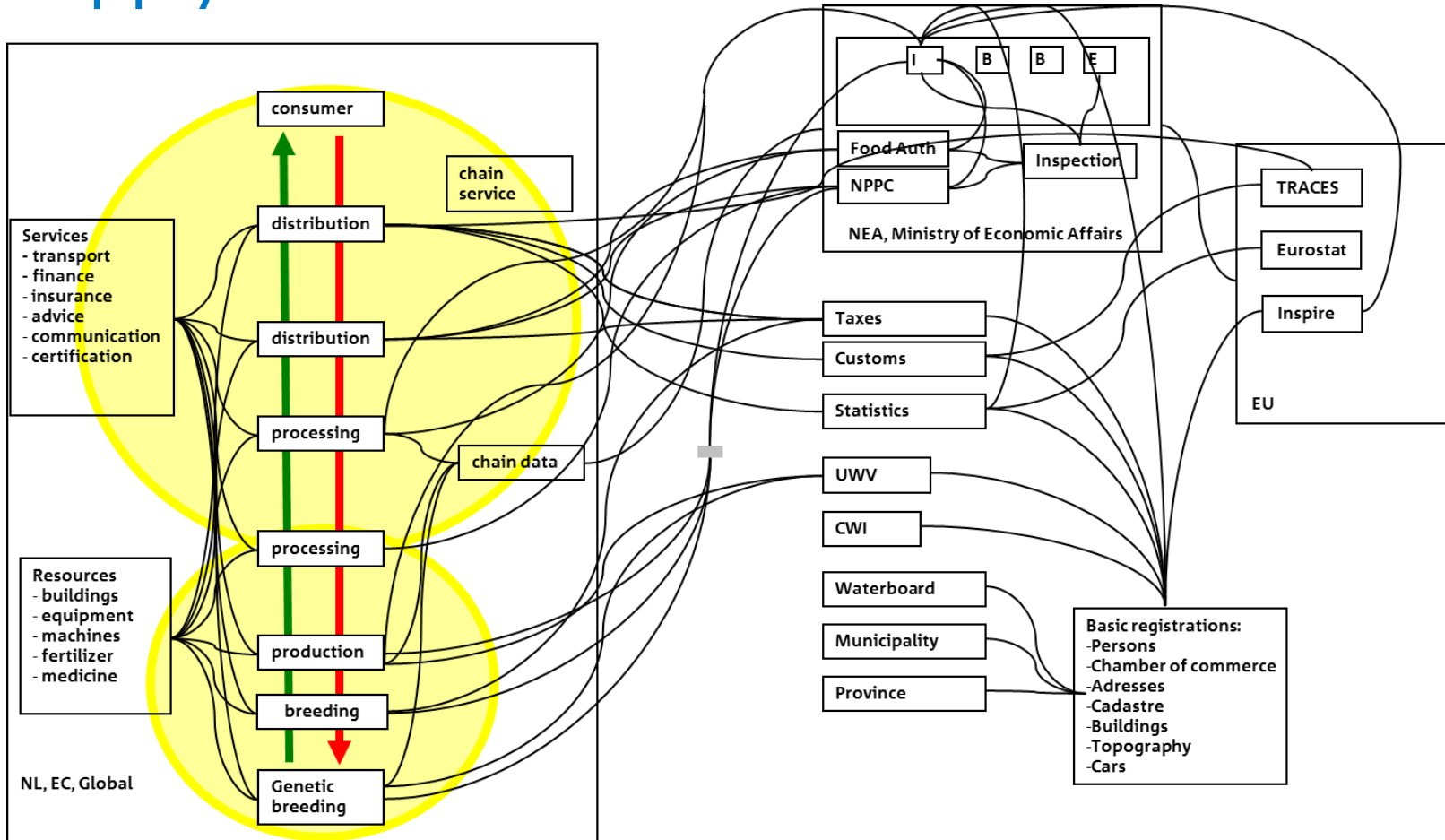


Information exchange in Agriculture





Supply Chain





Purpose

- Efficiency and integration using the same information in the whole chain
- Interoperability in the agricultural sector
- Reducing the administrative burden
- Better traceability and product information





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EDI-CROP

Webservice

- Exchange of information on crop fields between government and businesses
- Based on EDI-CROP standard
- Developed with AgroConnect





Key information in NEA crop field register

- Polygone (farmers view)
- Crop field ID
- Crop (code)
- Timeline
- Quality indicators (NEA)



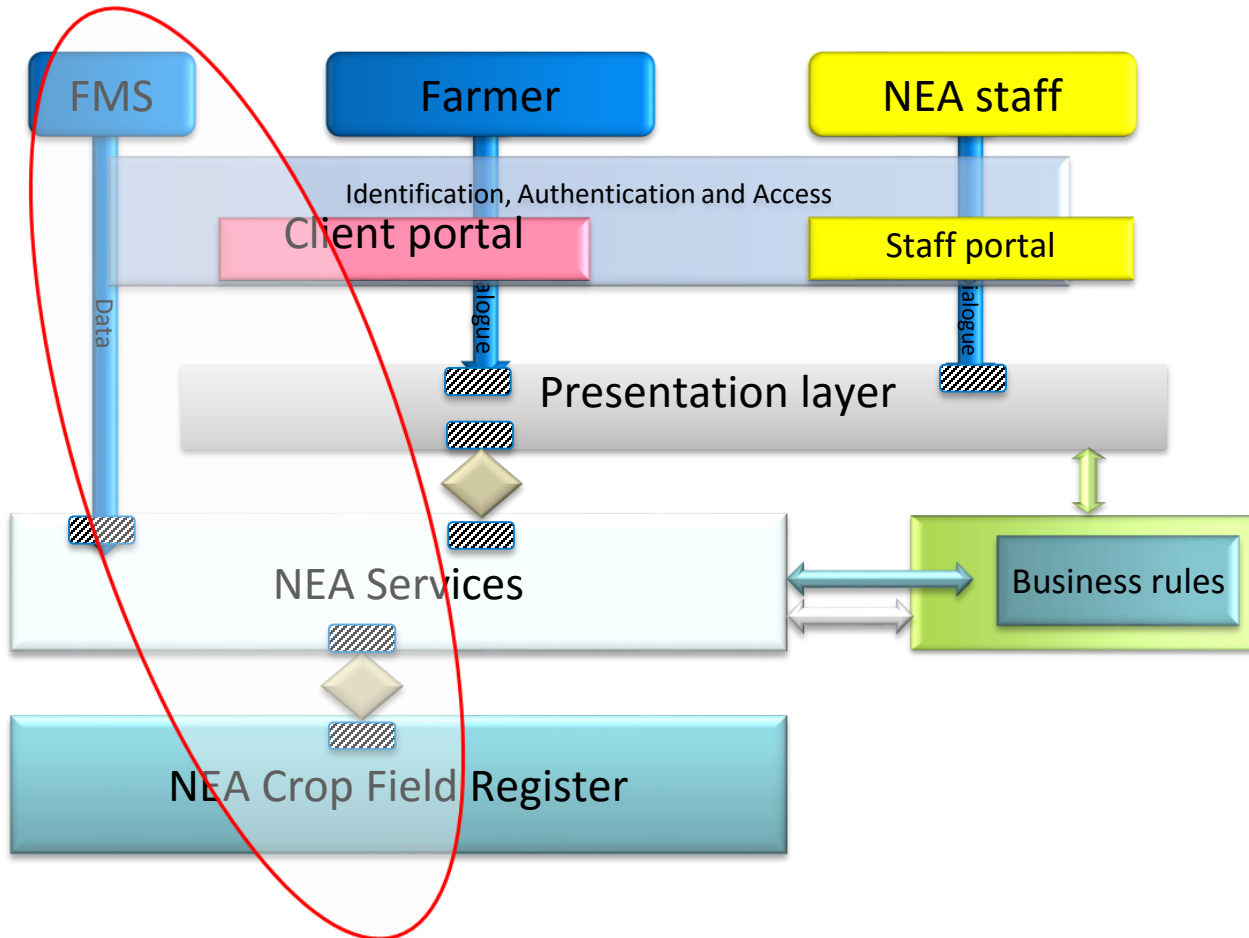
References, GIS

- Agricultural land (CAP eligible)
- Soil (sand, clay, peat)
- Permanent grassland
- Aerial photograph





Exchange of information FMS - NEA





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Possibilities for use in the agribusinesses

- Precision agriculture and farm management
 - Field operations and timing
 - Crop monitoring
 - Pest control
 - Mineral management
 - Efficiency improvements
 - Etc





Possibilities for use in the agribusinesses

- Product information
 - Traceability
 - Quality
 - Sustainability
- Certification
- Insurances
- Etc





Preconditions

For further development and use of Geo data:

The farmer: 'owns' his data
is in the lead

Information: security
confidentiality

Quality of data

Standardisation: definitions and code lists





Specifications

- <https://mijn.rvo.nl/webservices>
- <https://mijn.rvo.nl/documents/13225/142027/Berichtenboek+EDI-Crop+BS/2048edab-5bf6-4056-a526-a9e97ab801ff>
- niki.dieckmann@rvo.nl





Future plans NEA

- Application per regulation (mineral management, subsidies,..)
- Identification and authentication solutions in electronic data exchange





Questions?

