



# THE IMPLICATIONS OF IOT FOR THE AGRICULTURAL MACHINERY SECTOR

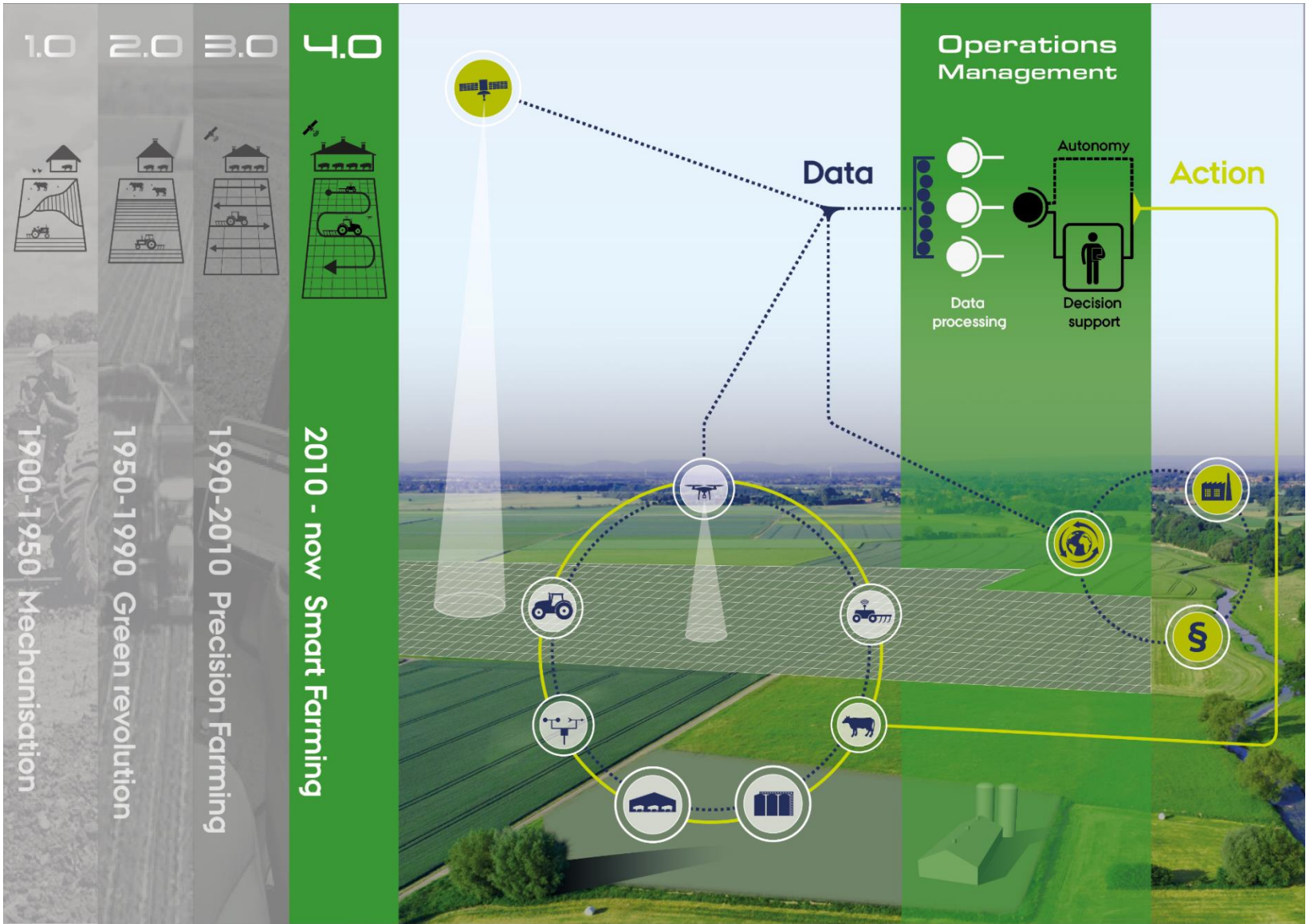
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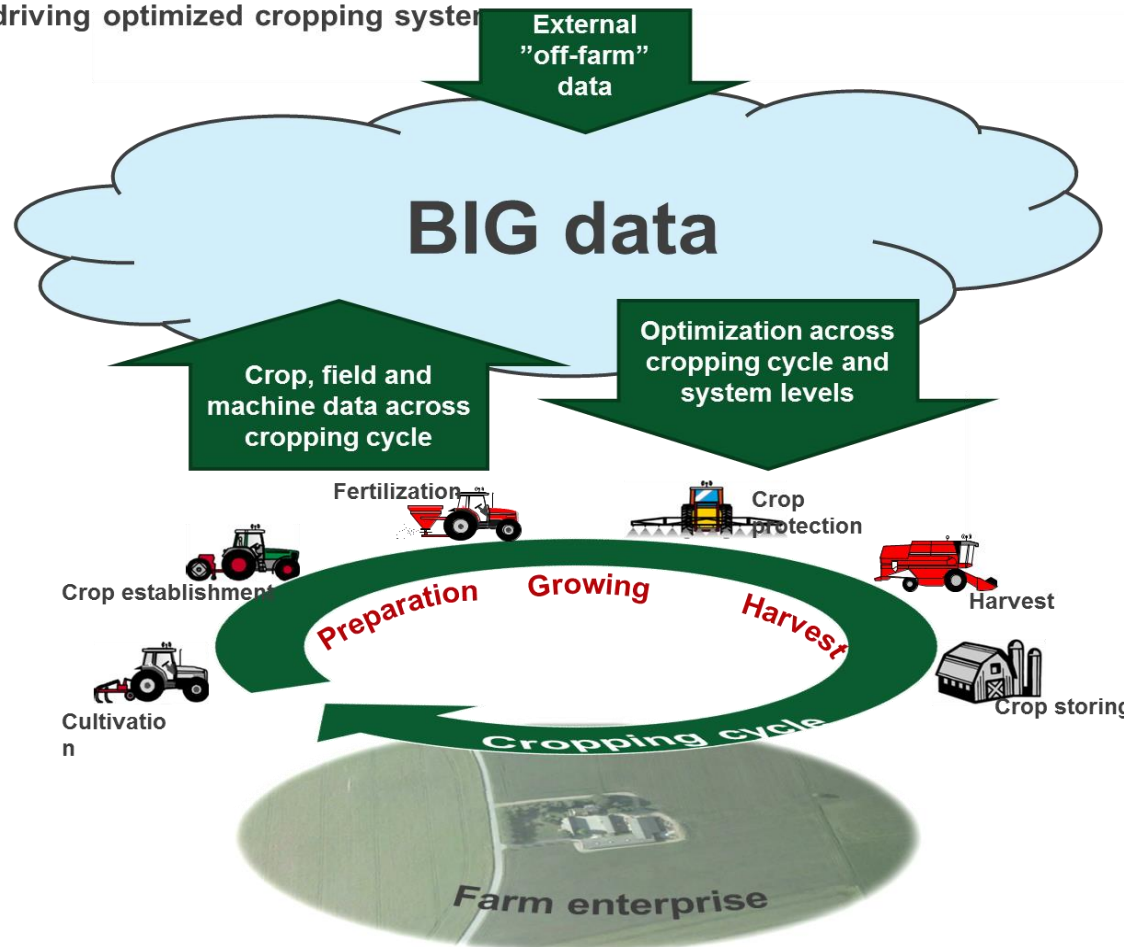
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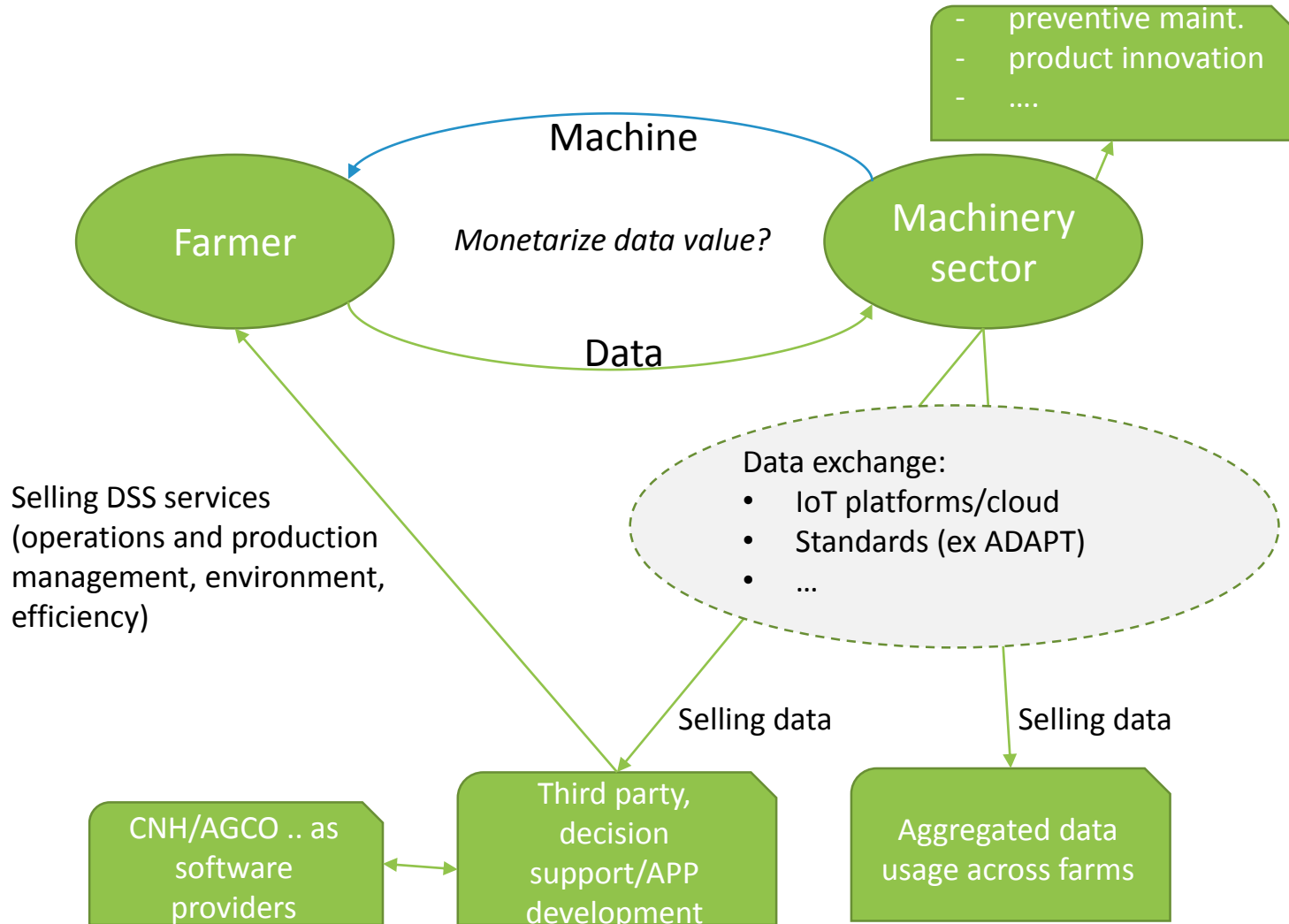
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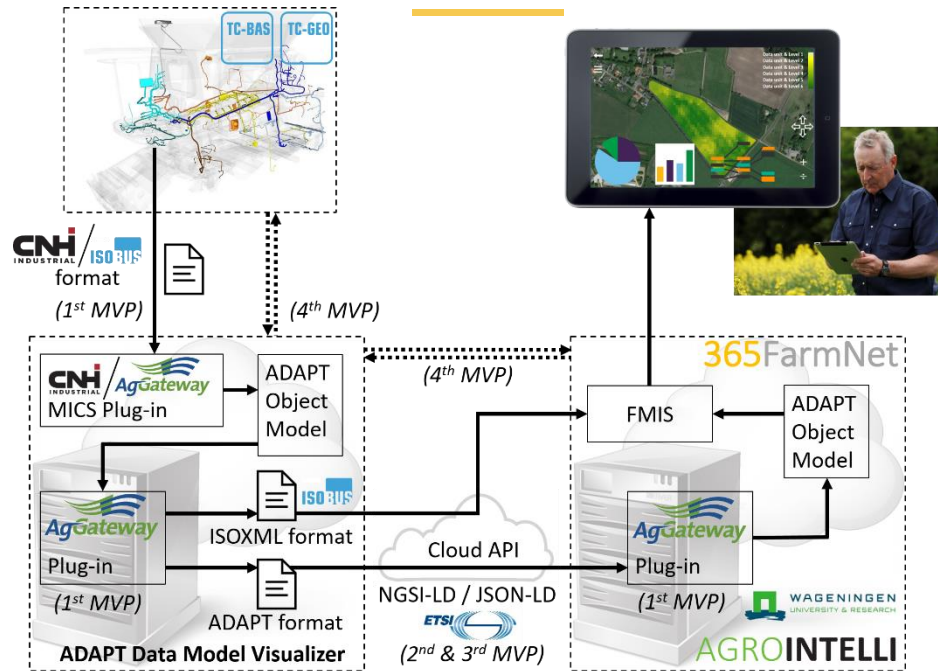




# Vision business models and ecosystems!



# IoT Product/Solution Impressions



OFFLINE INTEROPERABILITY



REAL TIME COMMUNICATION



FMIS APPLICATION

# New prospective benefits/business models

- collect data and measurement about the production -> agronomic input for management and promoting sustainability
- connecting agricultural data with their manufacturers -> predictive maintenance, guarantee claims..
- smart farming technologies will pave the way for autonomous systems (robots, self awareness, supportive IT systems, etc.)
- basic data sales - on-farm tests, product innovation, etc.
- vehicle data sent on-line valuable both for the vehicle value chain (dealers, insurance, complaint issues, etc.) and for external actors
- "Power/functionalities on demand" - on-line via apps and factory or dealer updates

# Key takeaway points

- Extending from electro/mechanics to ICT/IoT
- Extending from product focus to IoT platform business/services
- Change of company culture/mindset
- Technical challenges/connectivity
- Current workforce re-education/re-training
- Privacy/security
- Monetarization of data value/data ownership
- Multi-branded fleets/cross-domain scenarios
- Damage to the brand from IoT system failures
- Initial business failure due to initial small data samples