Platforms for the Internet of Food & Farm

Brussels, 8 December 2016, Cor Verdouw

DIGITISING EUROPEAN INDUSTRY Working Group 2

strengthening leadership in digital technologies and in digital industrial platforms across value chains in all sectors of the economy – Smart Agriculture
Internet of Things in Food and Farming

smart sensing & monitoring

PLAT-FORMS

smart control

smart analysis & planning
IoF2020 – Large Scale Pilot (IoT-01-2016)

- Aims to foster a large-scale take-up of IoT in the European farming and food domain
- Use cases from farm to fork
- 73 partners from 19 countries
- 2017-2020, 30M€ funding
IoF2020: Overall concept

**Physical IoT Layer**

**IoF Ecosystem & Collaboration Space**

Multi-actor approach, governance, security, privacy, business models

**Open IoT Architecture & Infrastructure**

Event-driven, Configurable, Customizable

**Standardization**

EPCIS, AIOTI, Adapt, AgGateway, ISO11783

**World Class Standards**
Envisaged platforms include:

- FIWARE
- Flspace Business Collaboration
- EPCIS
- CRYSTAL
- GS1 EPCIS
- 365FarmNet
- akkerweb
- AgroSense
- LinkSmart
- sofia
- CASSANDRA
- CROP-R
- Connecterra
- ThingWorx
- ARVALIS Institut du végétal
- Qlip
- HYPERCAT
- sensiNact
- Etc.
Approach to ensure interoperability and reuse

Synergies with previous initiatives, other projects and commercial developments.
Thank you for your attention!

Questions?

More information
cor.verdouw@wur.nl
T: +31 317 4 84752
//nl.linkedin.com/in/corverdouw
Twitter: @cor_verdouw
http://www.slideshare.net/CorVerdouw