Transition towards Industry 4.0
Agrifood Pilot 4.0

Leo Van de Loock
EU Industry Day, February 22, 2018
Industry 4.0
Flanders strives to become a leader in new technologies and concepts in industry 4.0 such as 3D printing, artificial intelligence, nanotechnology, robotics and other innovations. In so doing, it can strengthen its competitiveness and maintain prosperity in a rapidly changing world.

Industrie 4.0

EU policy
EU programmes
other countries/regions

INTER-
NATIONAL

policy support
point of contact
visibility

PLATFORM

research centers FlandersMAKE, imec, ...

KNOW-
LEDGE

basic research
clusters

skills, organisation
regulation, standards
infrastructure

ENABLERS

INNOVATION

innovation support VLAIO
living labs, demos, pilots
coordinate the offer to industry

APPLICATION

BUSINESS-
MODEL

people

TECHNO-
LOGY

Vlaanderen Industrie 4.0
Why living labs?

‘Companies need a more open contact with innovative ideas and e better introduction to real applicabable technologies.’
‘Action programme smart manufacturing, 2017’

share of enterprises with high level of digital intensity (EU, 2015)

Vlaanderen
is ondernemen

European Industry Day 2018
Living Labs in the context of Industry 4.0

3,5 million euro to support 7 living labs (2018-2021)
• Agrifood Pilot 4.0
• Smart maintenance
• Predictive maintenance and industrial dataspace
• Smart connectivity
• Digital servitisation
• Operator support
• Smart factories: collaborative work 4.0

Mission of the living labs:
• Stimulate companies towards Industry 4.0 concepts (early majority and other firms)
• Boost the use of new technologies by providing a save environment
• Realise spill overs (skills, promotion of Industry 4.0, ...)
• Reinforce the Industry 4.0 network in Flanders

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Agrifood Pilot 4.0

- Demonstrations
- Pilot tests
- Cases
- Training

- Advanced sensors
- Big data
- Agrifood companies
- Technology companies
- Other labs

Connectivity

trust zone
Living Labs: challenges

- Challenges for the living labs
  - Attract enough and the right firms
  - Get clear and documented results in the field

- Challenges for us:
  - Stimulate collaboration between the living labs (joint communication, sharing of information, ...)
  - Broaden the scope of the network (themes, sectors)
  - Stimulate the collaboration with other actors in the field (finance, training, ...)

- Challenges for the firms
  - Understand the impact of the digital transition and act
  - Collaborate
Living Labs: next steps

- Start the next wave of living labs in 2018
  - Again 4 Meuro available
  - Broader scope (themes, actors)

- Set up a stronger coordination of the living labs
  - VLAIO
  - As central points in the Industry 4.0 network in Flanders

- Integrate the living labs in the Digital Innovation Hubs and other international networks such as S3
Contact

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