



Smarter Farming

22 November 2016

Michel D'havé

michel.dhave@commeto.be

COMmeto

ludo.cuyper@commeto.be

COMmeto



- Belgium based (Ham)
- Software development & System Integration for:
 - Interoperability & Integration
 - Automation: home, building, industrial
 - Actor-sensor networks & Internet of Things
 - Public transport vehicles
 - Combustion engines
 - Exo-skeletons, ...
- End to end services and integration
- Software architectural work
- mHealth - eHealth - eCare
- Courses, Bachelor-Master-PhD research & dissertation coaching

Signal Processing in Industry



Signal processing

- Multichannel data acquisition
- Real-time
- Common time line
- On-the-fly scaling
- ADC-DAC integration

AXO-SUIT Project

- **Exoskeleton: Affordable full body assistive device for personal mobility**
 - Activities of daily living (ADL, iADL)
 - Comprehensive supplementation of strength at joint level
 - Natural UI, self-adaptive to different wearers
 - Emphasis initially on upper body and single joints

- **AAL Project**

- **Market**

- Care
- Rescue
- Industry
- ...

- **HID**

(Human Intention Detection)



AGRO-SUIT

- Next step in assistive robotics: AGRO-SUIT
- Upper body
- Wearable, assistive robot
- Help for:
 - tiresome, monotonous, repetitive tasks;
 - lifting heavy objects.

THANK YOU

Q&A



ludo.cuyppers@commeto.be
michel.dhave@commeto.be