



IoT Week Bilbao 2018
4-7 JUNE 2018, BILBAO (SPAIN)
EUSKALDUNA CONFERENCE CENTRE

INDUSTRIAL SOLUTIONS FOR FARMING AND FOOD SECURITY

Aitor Arnaiz – IK4 -Tekniker
Moderator

BILBAO, 5TH JUNE 2018

IoT Forum



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Session introduction

- **This session focuses on**
 - **A) Industrial solutions marketed or under development in the area of farming and food processing**
 - **B) How IoT technologies are being applied in these solutions**
- **5 mins. Intro; 10 min. per speaker; Final 15 min. for Q&A**
- **IoT platform for production optimization along the food chain. (A. Arnaiz)**
- **Advanced sensing for food quality (J. Izaguirre)**
- **TagItWine project implemented in the context of H2020 TagItSmart Project (T. Popovic)**
- **Agricultural robots and autonomous vehicles – the next level of smart farming? (T. Engel)**
- **Agriculture 4.0: The way forward for the ag. machinery industry in Europe (J. Bandry)**

Participants profile

- **Dr. Aitor Arnaiz (Ik4-Tekniker – Spain- Intelligent Information Systems Unit Head)**
 - > 25 year of experience in R&D on smart monitoring and prediction related to production systems
 - IoF2020 – meat trial technical chair
- **Mr. Joseba Izaguirre (Ik4-Tekniker – Spain - Sensor Devices Technological Solution Coord.)**
 - >10 years of experience in WSN and IoT applications for the industrial sector.
 - Fostering the development of Advanced Sensing Solutions for the agri-food sector
- **Dr. Tomo Popovic: (University of Donja Gorica - Montenegro- Assistant Professor)**
 - 20 years of experience in software development and industry applications both professional and academic environment
 - His research and professional interests include Internet of Things, Cloud computing, intelligent systems
- **Dr. Thomas Engel (John Deere – Manager Technology Innovation Strategy):**
 - 25 years of academic and industry experience in Precision Farming
 - AIOTI subchair for working group ‘Smart Farming and Food Safety’
- **Mr. Jerome Bandry (Secretary General – CEMA European Agricultural Machinery):**
 - 28 years of experience in the machinery industry
 - Active in European policy making since 2005

Questions

- How do you explain the value of IoT technologies to your customers with respect to other competing solutions?
 - Are customers willing to pay for the Technology?
 - Do they acknowledge the value of embedded IoT technologies?
- What do you expect in next years regarding the evolution and enhancement of your products? E.g.
 - The inclusion of additional IoT technologies?
 - The orientation of your product to new fields?



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