



Predictive Maintenance and Reliability Industry 4.0, IIoT Sensors & Reliability Analytics

Thematic brokerage workshops

EU Brokerage Event on Kets in Horizon 2020

Strasbourg, 17th October 2017

I-care: What do we do?

Set up a new standard of excellence in predictive maintenance and reliability

Condition monitoring

- Measurement of:
 - Vibration,
 - Lubricants,
 - Thermography,
 - Ultrasounds,
 - Electrical
 - ...
- Training
- Remote Data Analysis
- ...

Reliability

- Long Term Operation
- Lubrication Excellence
- Total Productive Maintenance
- Energy Efficiency
- Reliability Engineering
- Inventory Optimization
- Training
- ...

Engineering

- IT and R&D
- Engineering of New products
- R&D of new methods
- Technology Follow-up
- Wireless products
- Long-life industrial sensors
- Big Data collection for predictive maintenance
- ...

Improve and increase Asset Availability
Before & During & After Equipment Delivery



PROCESS

Oil & gas (upstream/downstream),
Chemical, Petrochemical



POWER GENERATION

Nuclear, Wind, Hydro, Combined,
Coal/Fuel



MINING & EXTRACTION

Cement, Mine, Quarry



OEM

Original Equipment Manufacturer



FOOD & DRUGS

Pharma, Biopharma, Food

Skills & knowledge

Skills/Knowledge as a partner

- Setting up monitoring specific industrial assets
- Maintenance optimisation
- Providing tools for analysing the data
- wireless data collecting devices for industrial sensors
(see www.wirelessvibration.eu)
- NoSQL databases
- M2M communication technologies and frameworks for connecting various industrial sensors

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Our project idea / expertise



- S** — Safe
- C** — Compliant
- O** — Operable
- R** — Reliable
- E** — Efficient
- S** — Smart

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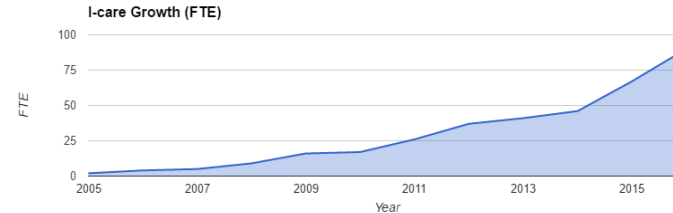
& MORE INDUSTRIES
We also operate in many other sectors

- Modular solutions
- Wireless solutions
- Equipment Health Index
- Auto diagnosis
- Data to CMMS
- Data Mining
- ...



I-care Figures & Facts

- SME Started in 2004
- More than 140 engineers in Europe



Management System Certified :



ISO 9001



DNV

CERTIFIED ORGANISATION

