Watify

Boosting Technological Transformation

Nuria de Lama
WATIFY

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IoT Week 2018
Bilbao, Spain

Digital & Key Enabling Technologies matter to the European Economy

Watify — Boosting Technological Transformation

Traditional companies add **75%** of the economic value created by internet companies

KETs represent

1 trillion EUR

or 19% of the total EU-28 production

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4-7 JUNE 2018, BILBAO (SPAIN)
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Digital & Key Enabling Technologies matter to European jobs

KETs make up 3.3 million jobs

or 11% of all jobs dependent on manufacturing

1.5 million additional jobs

potential in the EU digital economy

Digital & Key Enabling Technologies matter to European SMEs

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SMEs grow two-three times faster
embracing digital technologies

10.000 EU SMEs

base their businesses on the development & commercialisation of KETs

European Commission

A forward-looking vision

Watify is

an awareness-raising campaign funded by the European Commission to support the EU efforts to **stimulate the modernisation of Europe's industry** by:

- *Boosting European SMEs' technological transformation*

- *Supporting Europe's regions to translate their smart specialisation strategies in the areas of digitisation and KETs into concrete projects.*

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Who?

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- **Local and regional policy makers**
- **SMEs**
- **Intermediary Organisations**
  - **Regional development agencies (RDAs)**
  - **Industry associations, clusters, chambers, competence centres**
  - **Large companies**

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Regions and Cities as poles of Digital Transformation

Overall Budget:
2.8 million EUR
(2 years)

Development of EU-wide interregional collaborations

Development of digital local ecosystems

SMEs

- Make up 99.8% of all enterprises in Europe

- Are the ones expected to profit most from digital technologies (increased growth of up to 300%)

- Have created more than 85% of new jobs in the past 5 years

- Provide 2/3 of all jobs in the EU

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KETs technology centres are open to SMEs

In **60%** of EU countries SMEs are not likely to find the services they need within their national borders

→ **European networks needed (Regional development agencies)**

The Commission maps existing centres. It encourages Member States and regions to invest in innovation hubs and incentivise companies to embrace technological innovations

How?

- **boost and facilitate** technological transfer to SMEs and regions and cities through a network of competence centres.

- **connect** SMEs and stakeholders by facilitating the sharing of best practices, lessons learnt, ideas for advancement and by encouraging collaboration on projects.

- **inspire** SMEs and local stakeholders to transform and work together on digitisation and KETS projects.

Boost and facilitate

240 AWARENESS EVENTS

in regions and cities all around Europe in the forms of:

- **WATIFY information sessions**

- **Group presentations by WATIFY ambassadors, digital icons and thematic experts**

- **Short workshops with digitisation and KETs experts**

- **Presentation of success stories and best practices**

- **Technology tours to present digital and KET-based services, hands-on and demonstration sessions**

- **Online Training events - Webinars**

- **Twitter chats**

- **Participation to sectoral, regional and int'l events**

Connect

40 Matchmaking Events

with the objectives of:

- **Fostering the development** of cross-regional cooperation projects

- **Facilitating the cooperation** between SMEs, regions, cities and competence centres

- **Optimising the involvement of all actors** towards the formulation of concrete projects

Inspire

More than 100 SUCCESS STORIES of:

- **SMEs** that have successfully transformed their business or created new products / services applying digital technologies and/or KETs.

- **Regions** that are leaders in technological transformation policies and projects

13

„13 Jul Plantaže

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- **Biggest wine producer in Montenegro**
- **Challenge**: improve irrigation practices to stand against adverse natural conditions (skeletal soil, low precipitation, sunshine hours...)
- **Solution**: Deployment of devices and sensors for measuring soil moisture and humidity connected to irrigNET System customised for grape production optimisation.

Benefits

- Decrease of irrigation costs by 10%-20%
- Improvement of productivity and quality of the fields
- Decreased water and energy consumption

CityGo application
## Transportation diversity @Malaga city
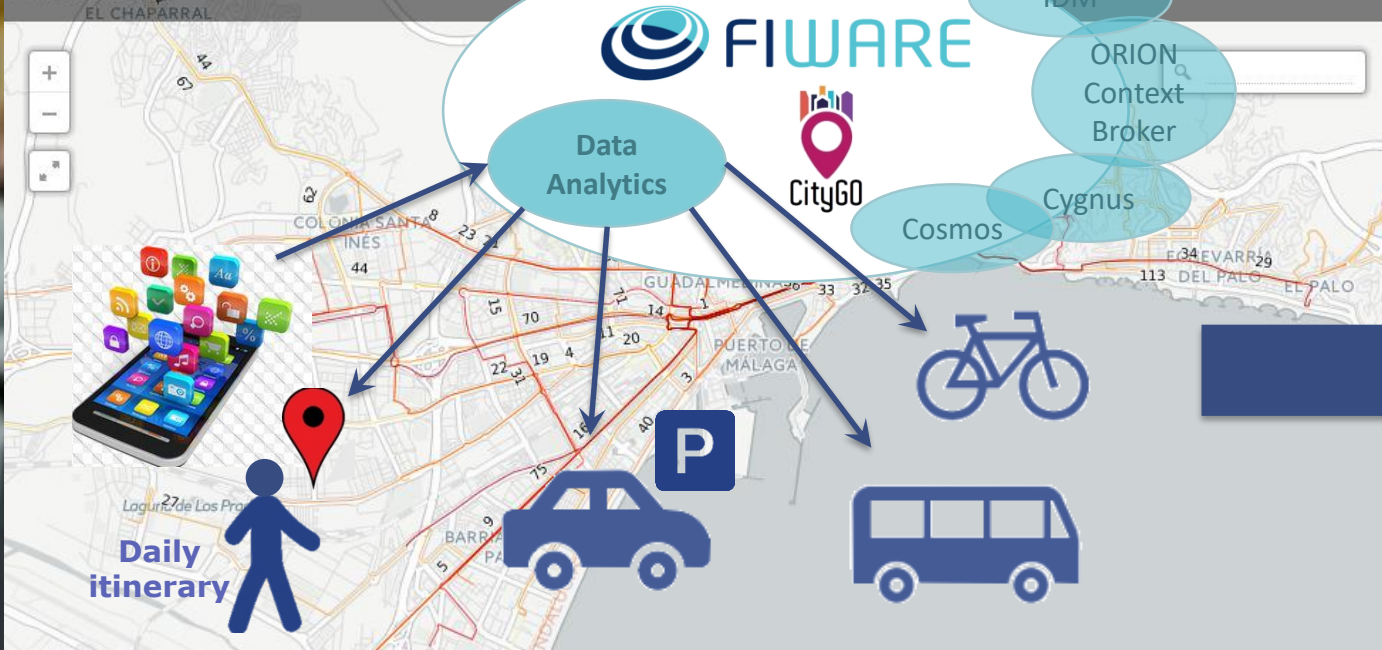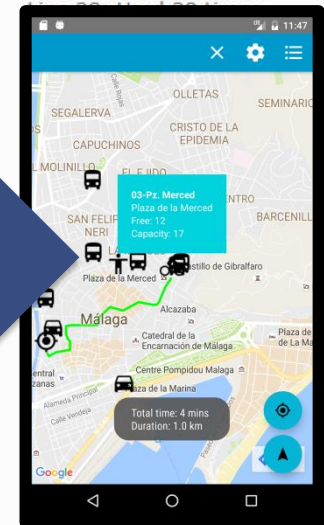
symbIoTe is an Open Source middleware which allows IoT solutions providers to expose, share and exchange their resources.

- The abstraction layer ease the integration.
- Platforms can federate to establish direct and secure interactions for mutual benefit.

- **IoT platforms interoperability**
- **Challenge**: Create an ecosystem where any IoT platform and/or resource can interact in a trusted and unified way.
- **Solution**: symbIoTe provides a unified interface to open and expose devices and resource making them discoverable by 3rd parties. It also offers mechanisms for creating agreements to do the exchanges in a trusted way.

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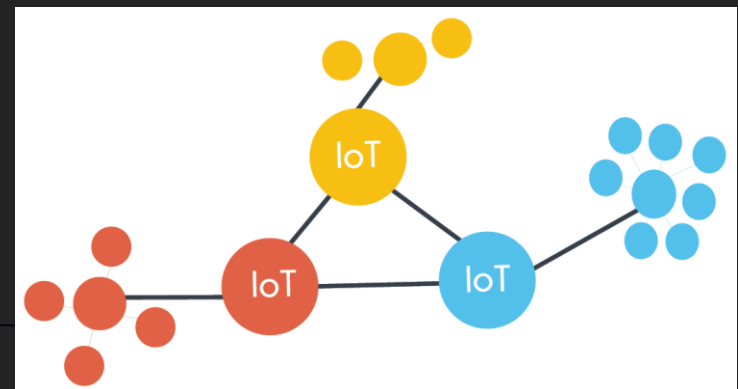
Data Collector and System Integrator component focused on IoT devices within Manufacturing environments
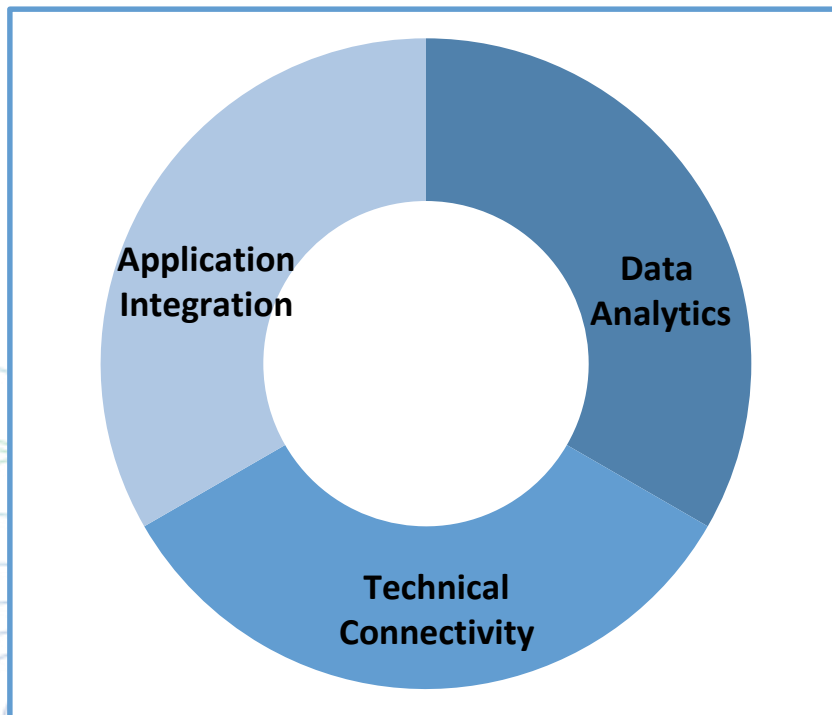
It allows collecting data from a variety of IoT devices in the manufacturing domain / Industry 4.0, that are not entirely covered by existing proprietary solutions.

- 1st Open Call

  - New IoT Infrastructures

  - Funding up to 60.000 €

  - Expected duration of the project 6 Months

  - Starts: 15/03/2018 - **Closes: 15/06/2018**

  - Projects start: October 2018

@VICINITY2020

opencalls@vicinity2020.eu

www   www.linkedin.com/in/vicinity-project-1909a1115

Linked in   http://vicinity2020.eu/vicinity/content/open-calls

Financing digitalisation and KETs uptake in Europe: An overview

EC plan to mobilise over 50 billion EUR of public and private investments for Digitisation (2016 Strategy)

KETs and Digital uptake will also be stimulated by improved access to finance

- **37 billion EUR of investments to boost digital innovation**

- **5.5 billion EUR national and regional investments in digital innovation hubs**

- **6.3 billion EUR for the first production lines of next-generation electronic components**

- **6.7 billion EUR for the European Cloud Initiative**

- **COSME financial instruments**

- **Horizon 2020 funding instruments**

- **ESI Funds**

- **Innovation Public Procurement**

- **Connecting Europe Facility**

Access to Finance for SMEs (DG GROW Portal)
http://ec.europa.eu/growth/access-to-finance

European Commission

boost and facilitate

connect

inspire

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240
AWARENESS EVENTS
in regions and cities all across Europe

40
MATCHMAKING EVENTS
for smart cooperation and investment

100
SUCCESS STORIES
of technological transformation

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Watify video channel

Discover the most inspiring European success stories of SME technological transformation with a selection of original WATIFY videos.

Watify — Inspiring your technological transformation

Search	by country	by type	by thematic area	date
	- Any - ▼	- Any - ▼	- Any - ▼	
				E.g., 05/06/2018

**WATIFY Technological...** — Spain 13/04/2018

Technarte is a Spanish company that specialises in the convergence of art and technology, from design to implementation. Technarte showcases the latest tech-art...

WATIFY Technological... — Spain 13/02/2018
Ingelia

Ingelia was founded in 2005 by three engineers, Martin Hitzl, Marisa Hernández Latorre and Alex Chiva. In the beginning, Ingelia focused on developing biomass boilers and ...
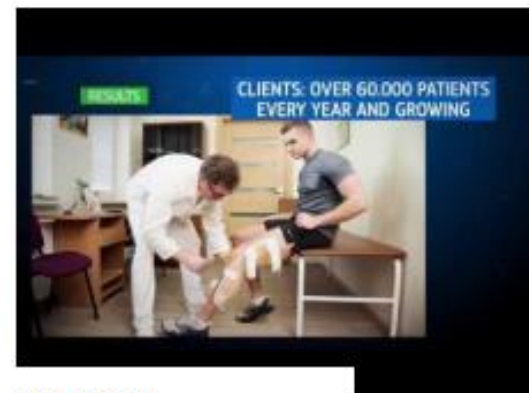
WATIFY Technological... — Lithuania 19/01/2018
Ortopedijos Technika

Ortopedijos Technika was founded in 1945, just after WWII, to provide injured military service personnel with prosthesis and orthopaedic devices. Ortopedijos Technika has...

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https://www.surveymonkey.com/r/WSRB6MS

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