



eltic-Plus⁺

Smart Connected World

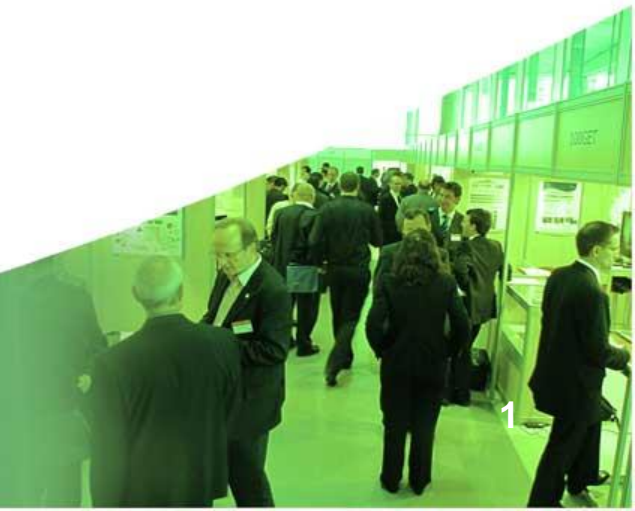


Celtic-Plus Proposers Day
20th June 2017, Helsinki

Process control monitoring with mobile-based technology

Fabiola Vilaseca
University of Girona (SPAIN)
fabiola.vilaseca@udg.edu

MoTECH

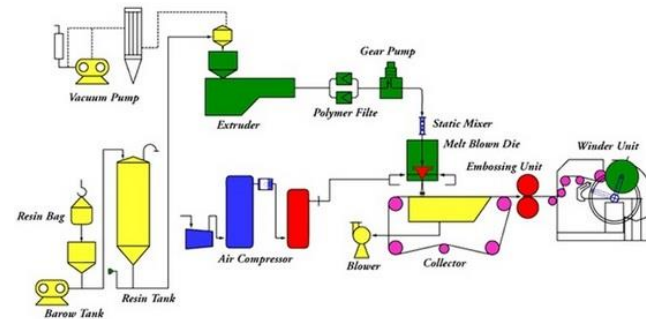
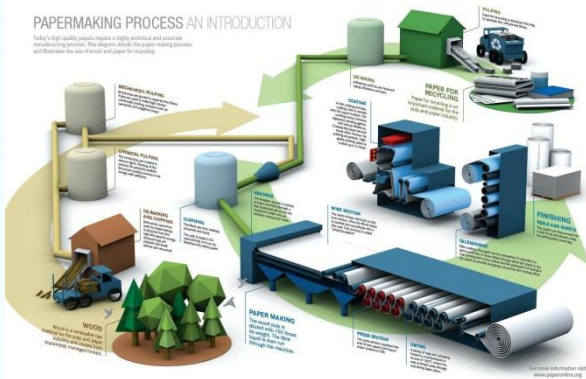
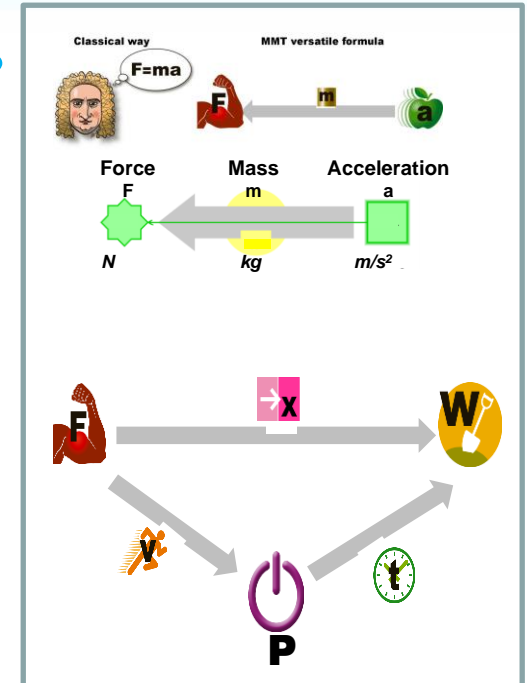


Teaser

*What is the main benefit of the idea/proposal?
Get use of mobile technology*

*What makes the added value?
Facilitate / Improve / Speedy*

*Why should I participate in the project?
Are you a technological company? Are you a
process-based company?*



Melt-blow-polymer-processing



The **University of Girona** (UdG) is heir to the so-called *Estudi General* which was created in 1446 by **Alphonse the Magnanimous**



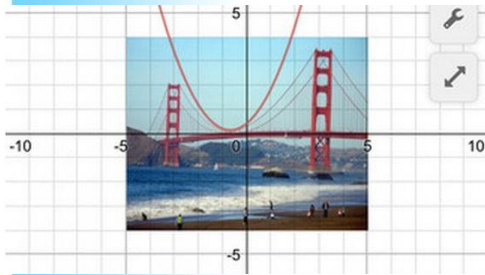
The research group on **Advanced Biomaterials and Nanotechnology** (BIMATEC) in the Chemical Engineering Department has the mission and vision of generating knowledge and competences on the creation of **new functional materials and new technologies for processes.**

Proposal Introduction (1)

Vision:

Mobile Number Technology (MNT), a disrupting and innovative way to monitor processes at any level.

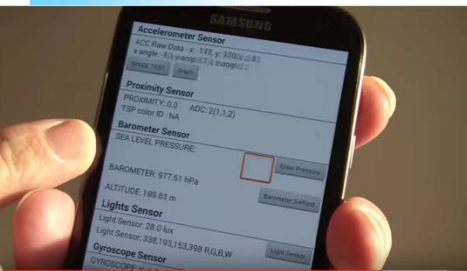
*A **better understanding** of complicated technological processes trough our visual spatial intelligence.*



Motivation:

*It can be applied to different and specific industrial processes, to facilitate and improve the **monitoring and assessment of processes.***

Digital natives are using mobile technology.



Proposal Introduction (2)

Expected outcome

Facilitate, improve and speed the monitoring of industrial processes

Impacts

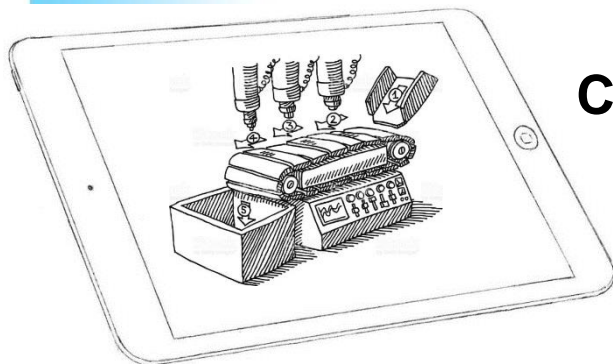
Fast control of the inputs and outputs in an industrial process

Schedule

2018. Conversion of the industrial process to mobile technology

2019. Pilot assays

2019. Industrial assays



Control of the industrial process at your fingertips



Partners

University of Girona, Spain



University of Jyväskylä, Finland



Polytechnic University of Catalonia, Spain



Nuromedia, Germany



We are looking for industrial partners

Contact Info

For more information and for interest to participate please contact:



Fabiola Vilaseca
University of Girona (SPAIN)
fabiola.vilaseca@udg.edu
+34 972 41 9889
Dpt. of Chemical Engineering
17003 Girona (SPAIN)
www.udg.edu