



# MARCONI

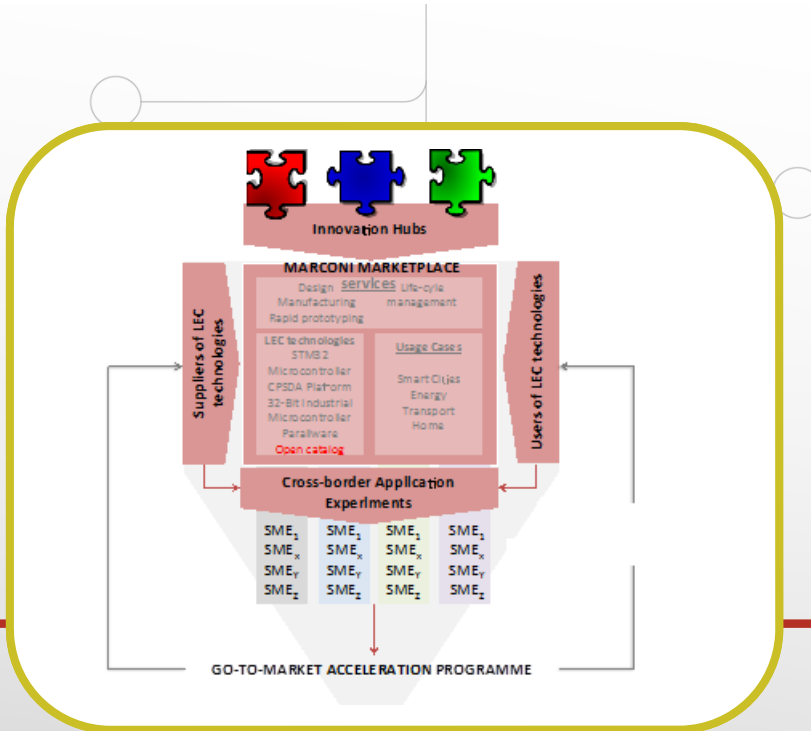
**MARKetplace of low energy COmputiNg powering the IoT**

**ICT4-2017: Smart Anything Everywhere Initiative**  
AREA 2: Customised low energy computing powering CPS and the IoT

 **FundingBox**

## Motivation

ICT4-2017: Smart Anything Everywhere Initiative  
 AREA 2: Customised low energy computing powering CPS and the IoT  
 € 7 mio per project  
 70% shall be allocated to experiments



## Concept

Setting up a multidisciplinary and cross-border  
**Low Energy Computing Experimentation Lab**

## Objectives

- Open ecosystem for low energy computing technologies
- Incubator business model to help businesses who are developing products for situations where high computing capacity and low energy would be a competitive advantage
- Support eco-system building for promising platforms developed in earlier low power computing projects
- 5 pre-defined experiments and selection of 30 experiments through 2 Open Calls
- Acceleration of 35 new services & products addressing Industrial Challenges

## Expertise

R&D Competences Centers in the field of low energy computing  
 Knowledge and infrastructure capabilities to support experiments  
 Industry leadership  
 Access to SMEs & web-entrepreneurs  
 Open Call Management  
 Go-to-Market Acceleration Services  
 Liason with regions in the framework of RIS3

# Incubator model



Innovation Hubs

## MARCONI MARKETPLACE

Design services Life-cycle management  
Manufacturing  
Rapid prototyping

### LEC technologies

STM32  
Microcontroller  
CPSDA Platform  
32-Bit Industrial  
Microcontroller  
Parallware  
Open catalog

### Usage Cases

Smart Cities  
Energy  
Transport  
Home

Suppliers of LEC technologies

Users of LEC technologies

## Cross-border Application Experiments

SME <sub>1</sub>	SME <sub>1</sub>	SME <sub>1</sub>	SME <sub>1</sub>
SME <sub>x</sub>	SME <sub>x</sub>	SME <sub>x</sub>	SME <sub>x</sub>
SME <sub>y</sub>	SME <sub>y</sub>	SME <sub>y</sub>	SME <sub>y</sub>
SME <sub>z</sub>	SME <sub>z</sub>	SME <sub>z</sub>	SME <sub>z</sub>

Mission Critical Challenges (min 50%)  
Open Call selection process  
50.000€ - 150.000€ per experiment  
At least 2 partners (User-Supplier) from 2 EU MS

GO-TO-MARKET ACCELERATION PROGRAMME