SPANISH TECHNOLOGY PLATFORM FOR THE ADOPTION AND PROMOTION OF DIGITAL TECHNOLOGIES (DTs)

10 November 2020

R&D collaboration between Spain and Egypt on ICT

Clara Pezuela, PLANETIC President

DIGITAL TECHNOLOGIES SECTOR IN SPAIN

ICT industry in Spain (big figures)

- Includes almost 35.000 companies (60% are PYMES)
- Around 500.000 employments (35% women, only 6% in executive positions)
- 100.000 Meuros turnover
- 46.000 Meuros contribution to economy (3,8% GDP)
- Most of activity in Madrid and Catalunya
- Increment of IT companies in R&I (6% more)
- 11.000 researchers in ICT industry

Informe Anual del Sector TIC y de los Contenidos en España 2019

Digital plans in Spain

- In alignment with European digital strategies
- Plans are mainly focused on:
  - Networks and services for connectivity
  - Digitalization of economy (the economy of data)
  - Electronic public administration
  - Skills in digital competences

Pros & Cons of DTs in Spain

Pros (gains)

- Excellent digital infrastructure network
- Leader companies in key sectors (food, tourism, finance…)
- Modern cities
- Dynamic and agile IT sector
- Good level of digitalization in Public Administration

Cons (pains)

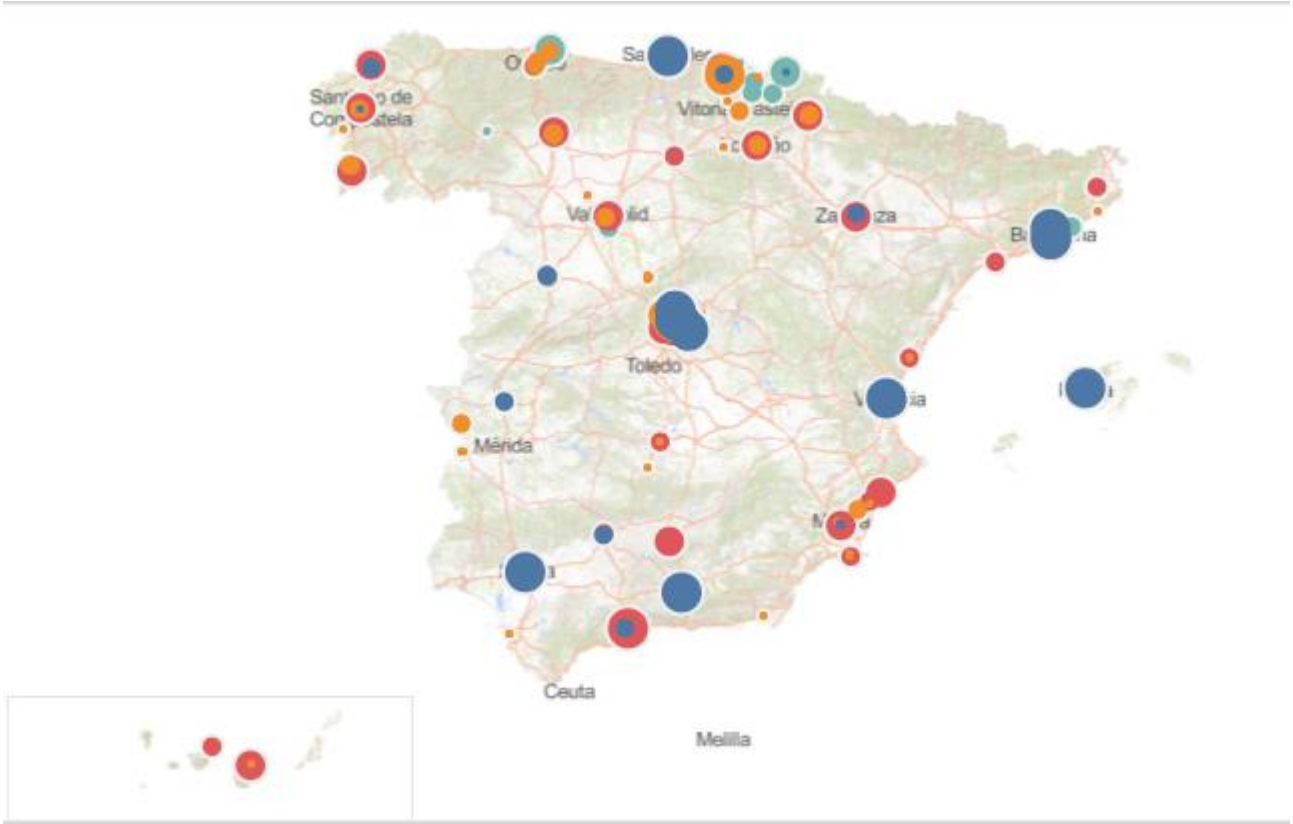
- Deeper digitalization of industry (manufacturing, automotive,…)
- Digitalization of SMEs
- Digital capabilities of population
- Digital gap between urban and rural areas

Key digital capabilities (non exhaustive)

- 5G technology: leading the deployment in Europe
- Cybersecurity: one of the European poles in capabilities
- Videogames and audio visual: talent, capacities and logistics for production
- Micro and nano technology: centers and niche SMEs specialized

Key digital capabilities

- Artificial Intelligence: relevant and well-known research groups and digital innovation hubs
- Report IA in Spain (in Spanish)



Map of IA competences in Spain

PLANETIC IN THE DIGITAL TECH SECTOR

About PLANETIC

- Integrated vision of research and innovation (R&I) of the DTs in Spain
- Covering full stack in the sector: micro-nano devices, IT systems, software and IT services
- Forum of all Spanish players in the DTs R&I
- Reference platform in Spain for DTs

GOBIERNO DE ESPAÑA
MINISTERIO DE CIENCIA E INNOVACIÓN

AGENCIA ESTATAL DE INVESTIGACIÓN

Objectives and Motivation

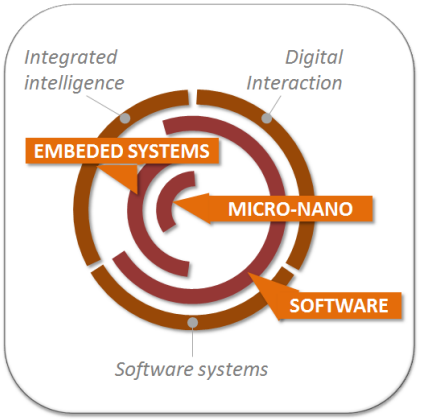
Representing the Spanish DTs R&I sector

Promoting the use of DTs in vertical sectors

Defining the R&I **challenges** for DTs at medium-term

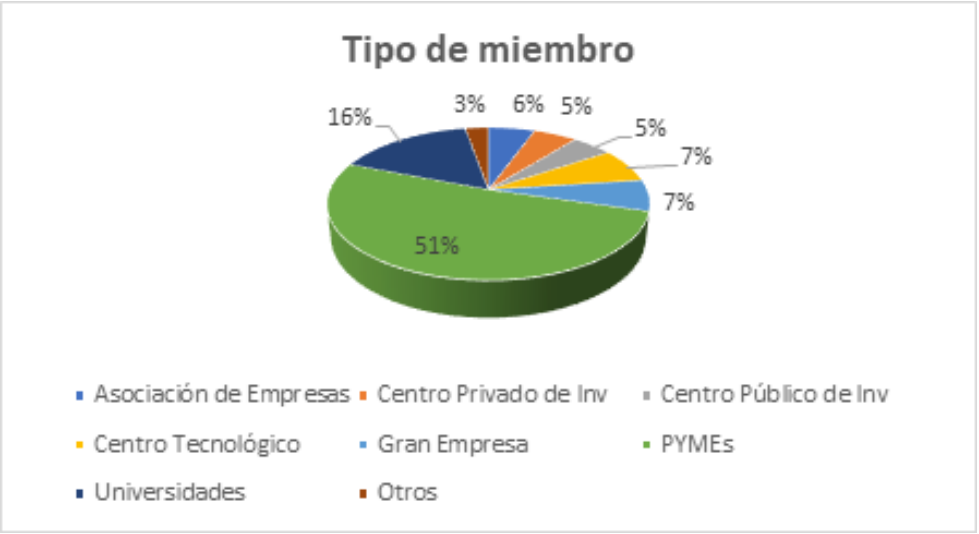
Creating **awareness** of the Spanish DTs sector in Europe and worldwide

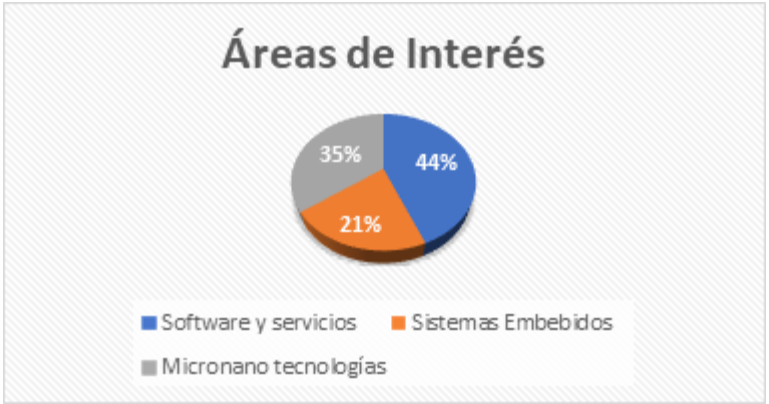
Strategic Research Agenda for DTs (in spanish)

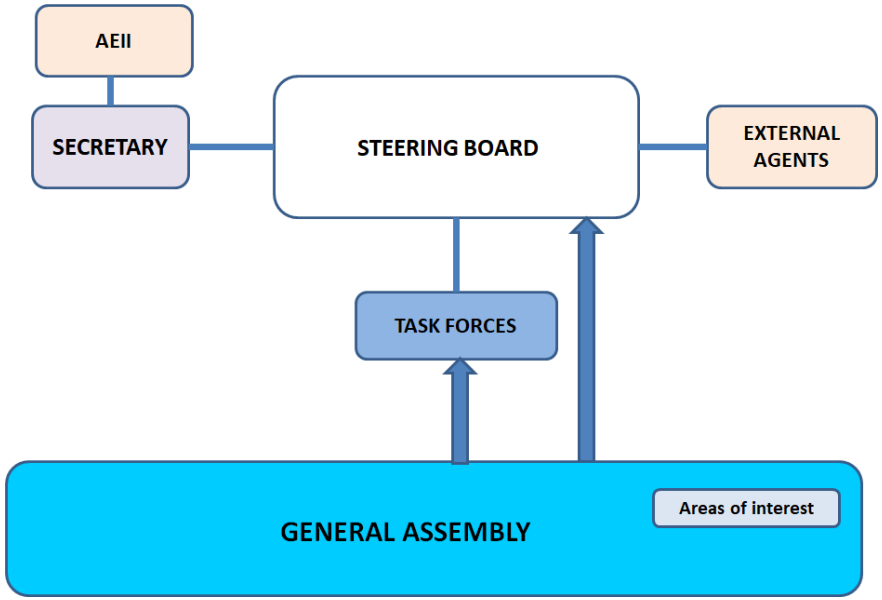


Members and Governance

289 members in September 2020
http://planetic.es/partners







Governance Model

Steering Board 2020-2021

Hygea
Salud y Nutrición

ANY SOLUTION
GLOBAL SERVICE

Finanzas & I+D+i

Atos

Schneider Electric

mtp DIGITAL BUSINESS ASSURANCE

CTIC
Centro Tecnológico

CNM
Centre Nacional de Microelectrònica
IMB

tecnalia
Inspiring Business

ITI
INSTITUTO TECNOLÓGICO DE INFORMÁTICA

UPC

UNIVERSIDAD DE SEVILLA

POLITÉCNICA

UNIVERSIDADE DA CORUÑA

Working groups

Interplatform Groups

- Big Data and Artificial Inteligence (coordination)
- Smart Cities

- … in agreement with other spanish technology platforms

Task Forces

- Digital Health
- Urban Mobility
- Digital Innovation Hubs

- … under the request from any PLANETIC members

Collaboration with PLANETIC

- Searching of partners for joint projects (spanish IT companies, research centers and universities)
- Joint events where to exchange two countries competences in DTs
- Promotion in our network of members information from Egypt about news and projects in DTs
- Work in joint interests: tourism, agriculture, water management, desertification…

secretaria@planetic.es
www.planetic.es
@planeticplat

THANKS!