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

12 November 2020

R&D collaboration between Spain and China on ICT

Pablo Caballero, PLANETIC 2ºVicepresident

 linkedin.com/in/pablocab/

DIGITAL TECHNOLOGIES SECTOR IN SPAIN

ICT industry in Spain (big figures)

- Includes almost 35.000 companies
- 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 Cataluña
- 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
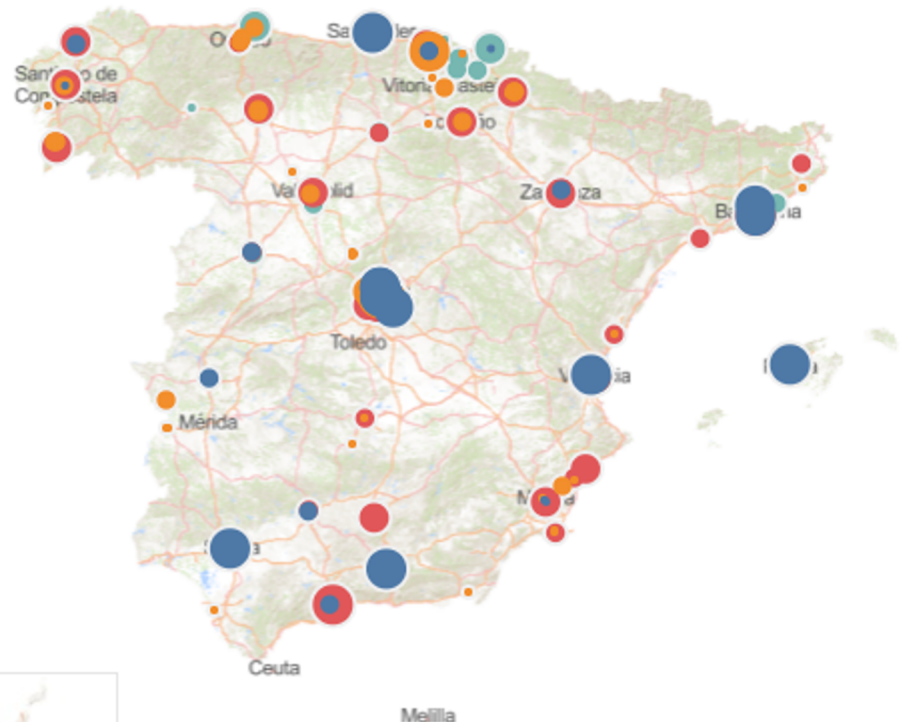
Digital plans in Spain

- 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

Key digital capabilities

- 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

- Nano and biotechnology: 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

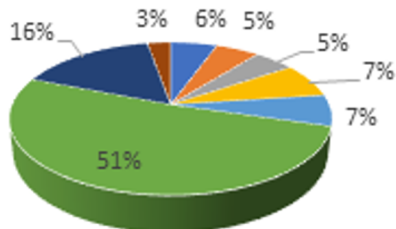# PLANETIC IN THE DIGITAL TECH SECTOR

About PLANETIC

- Integrated vision of research and innovation (R&I) of the DTs in Spain
- Covering full stack in the sector: micro-nano hardware, 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

Members and Governance

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

Áreas de Interés

Tipo de miembro
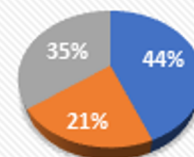
Governance Model
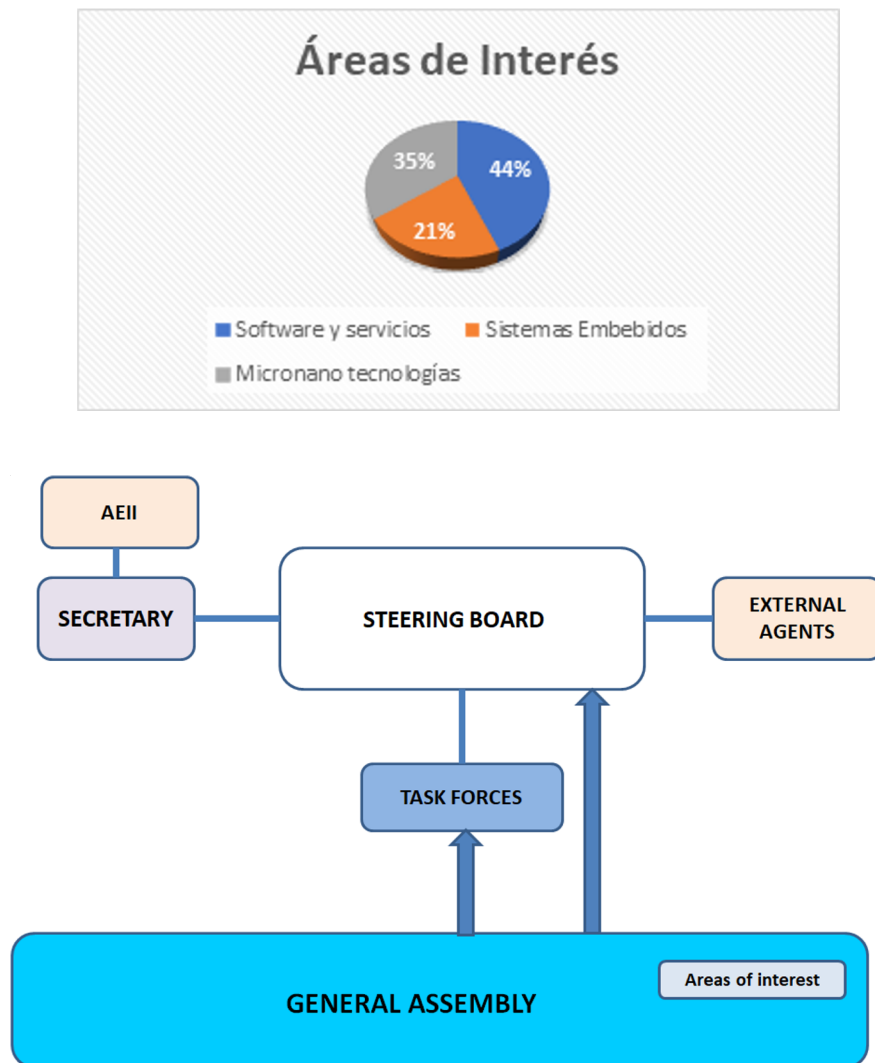
Working groups

Interplatform Groups

- Big Data and Artificial Intelligence (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

PLANETIC: partners capabilities

Hygea Health: www.vitahealth.app

– Personalized health for territories & smart cities:
   a city that is not healthy, can't be smart.

– It calculate the risk of develop 8 diseases for all the citizens (breat & lung cancer, cardiovascular, diabetes..)

– It offers a personalized diet, exercise, health habits advice.

– Future features: paediatrics, pain management, stress/anxiety/depression management…

Contact: Pablo Caballero p.caballero@vitadieta.es

PLANETIC: partners capabilities

ITI Investigate to Innovate:

- [Blockchain for operations & e-commerce trazibility](#).
- [Blockchain & BigData to improve healthcare system](#).

Contact: Daniel Sáez. dsaez@iti.es

PLANETIC: partners capabilities

IMB-CNM Instituto de Microelectrónica de Barcelona:

- Research and development of miniaturized devices in silicon and flexible substrates for in-vivo & in-vitro applications.
- Examples: multiparameter lab-on-chip devices for disease monitoring/screening (e.g covid), organ-on-chip for toxicology and precision medicine, self-powered glucometers, sweat patches for dehydration monitoring...

Contact: Luis Fonseca. Luis.Fonseca@imb-cnm.csic.es

secretaria@planetic.es

www.planetic.es

@planeticplat

THANKS!