



Celtic-Plus Proposer's Day
Joseito Romero. Madrid, 16th March 2016

es.INTERNET: Technology Platform

- Future Internet networking group
- National level (Spain)
- International scope (mainly Europe)
- About 400 members
- Led by industry
- Wide range of typologies: SME, RTO & Universities, Large Enterprises, Startups
- Ecosystem

es.INTERNET: Future Internet

- Internet of... Networks – Things – Content – Services – Users
- ICT-sectorial vision
 - ICT technologies: building blocks
 - Applied to economy sectors
- Smart cities
 - Great scenario



es.INTERNET: “tags cloud”

- When we say **es.INTERNET** we think about things like:



- But also this:



Some Celtic-Plus highlights

- Market pull
- Bottom up
- Wide SME participation

es.INTERNET likes these characteristics

Market pull

- Application sectors to raise needs
 - OK for ICT-sectorial scheme

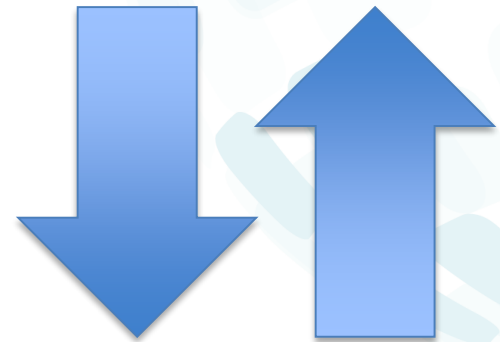


- ICT: solutions “looking for problems”



Bottom up

- Led by industry
- Bottom-up projects need to show their importance
- Top-down and bottom-up balance
 - Each scheme has its advantages



Not only Celtic-Plus



- Eureka Clusters share the same philosophy:
 - Market pull, bottom up and wide SME participation
- We also like other Eureka instruments / initiatives
 - Other Eureka Clusters also tackling Future Internet
 - Eurostars (SME orientation)
 - Smart City interclusters initiative
 - Umbrellas (ICT-sectorial view)
 - Tourism, Agrifood...



Shared points

- Celtic-Plus and es.INTERNET share some key points
 - Telecommunication networks – 5G
 - Internet of Things
 - Cloud computing
 - Experimental test and facilities
 - Open innovation ecosystems/platforms
- What does Spanish ecosystem offers?
 - Excellent national capacities

National capacities

Just some examples

- 5TONIC: a 5G Open Research and Innovation Laboratory
- Sofia: IoT interoperability platform with a Big Data orientation
- FIWARE: FI-PPP ecosystem and platform



National capacities: 5TONIC



5TONIC

- 5TONIC is an open research and innovation ecosystem in the area of 5G Products and Services
- Telefónica I+D, IMDEA Networks, Ericsson
- Make industry and academia come together
- With the goal of becoming a central hub for knowledge sharing and industry collaboration in 5G
- Associated with the European 5G initiatives
- Place for developing and testing prototypes
- More: <http://www.5tonic.org/>

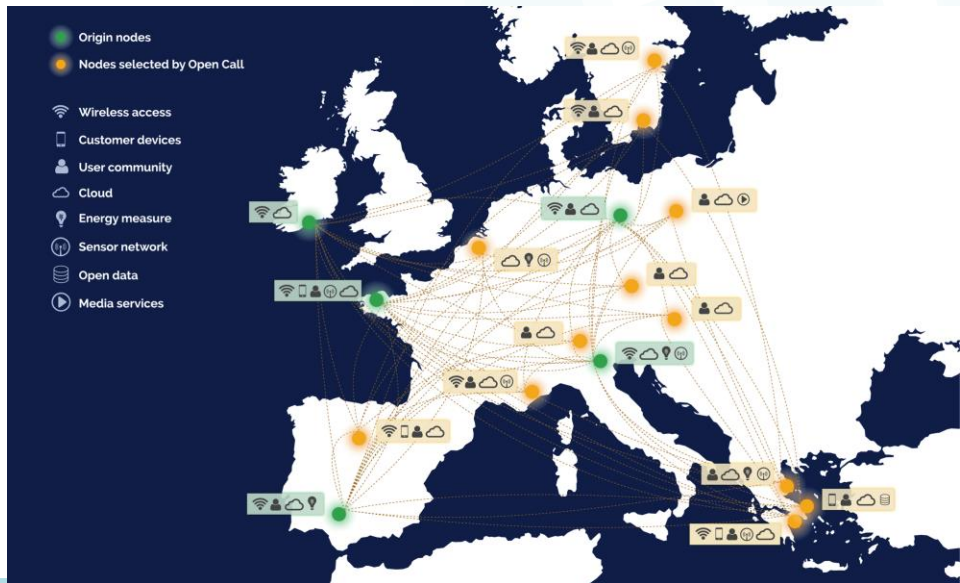
National capacities: Sofia2



- Origin: European R&D project led by Indra
- Keywords: IoT, interoperability, Big Data...
- ICT-sectorial philosophy and Smart Cities specific focus
- SOFIA2 CloudLab
 - Cloud instance of SOFIA2. Any person, company, organization, developer or citizen can have free access to the public data managed in it and create their own applications for experimental purposes
- More: <http://sofia2.com/>

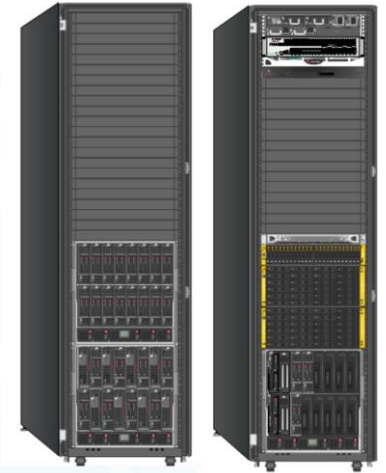
National capacities: Fiware-Ops

- Facilitates the uptake, deployment and federation of a sustainable pan-European open federation of test infrastructures integrated in FIWARE-LAB
- Currently such federation comprises 17 cloud-based nodes along Europe
- More: this [link](#)



National capacities: Seville-FIWARE

- Smart City
- Roadmap including
 - Infrastructure: FIWAT node
 - Open Data policy: 81 datasets
 - R&D&i projects

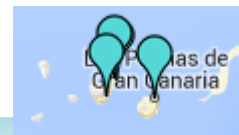


First FIWAT
node in Spain



National capacities: Smart Cities

- Smart Cities working group within es.INTERNET
- RECI: Spanish Smart Cities Network
- AMETIC's Smart Cities Commission
- ...



What do we expect from the ecosystem?

- es.INTERNET members to show their view
 - Specially SME
 - Within Celtic-Plus scope
- es.INTERNET members to apply for Celtic-Plus
- es.INTERNET “homework”
 - Ask members for their view
 - Build a position



What do we expect from Celtic-Plus?

- Listen to es.INTERNET (ecosystem) position
- Take this position into account
- es.INTERNET “homework”
 - Transmit the platform position
 - Celtic-Plus core group members also involved in es.INTERNET at high level

Atos



indra

Telefónica

Conclusion

- es.INTERNET role - strategy:



- Listen to our members
- Build strategy
- Spread it

- es.INTERNET role - operation:



- Information
- Contact facilitation

- Count on a Spanish partner for your Celtic-Plus project: es.INTERNET helps you to make the contacts

Thanks!

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