

- » BOOST PERFORMANCE
- » REDUCE COST
- » INCREASE AGILITY
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- » ENSURE REGULATORY COMPLIANCE



CONSULTING > SOLUTIONS > OUTSOURCING

## Leading the participation of Spain in EU-funded ICT projects



Nuria de Lama

*FIRE Week*

*Barcelona, 30<sup>th</sup> June, 2010*

## Our company



» Atos Origin is a leading IT services company providing **business consulting, systems integration and managed operations** that improve the effectiveness of its **clients' businesses**.

- » Annual revenues of € 5.5 bn
- » Over 50.000 employees
- » In 40 countries

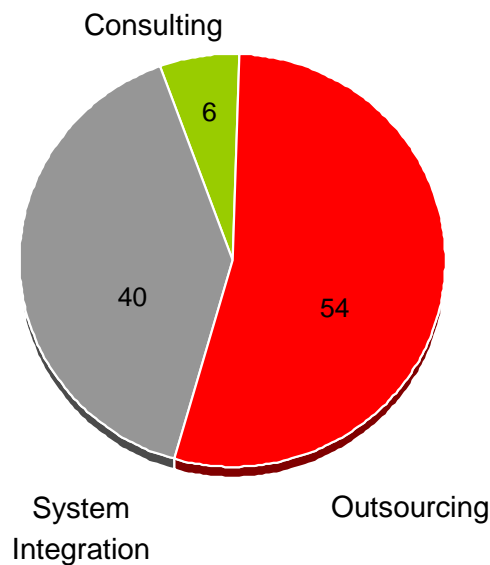
# Atos Origin: Global presence



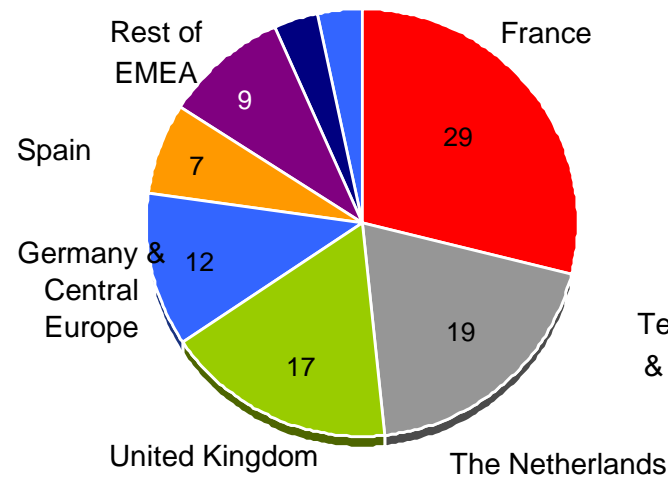
# Atos Origin: Main business areas



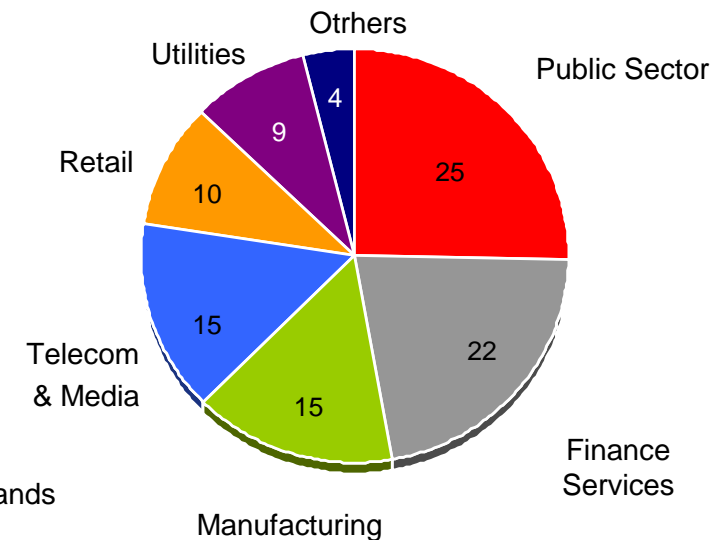
A complete portfolio of IT services



Worldwide Presence, a strong European focus



High competences in main markets



America 4%

Asia/ Pacific 3%

## Position of Atos Origin in R&D&I (I)

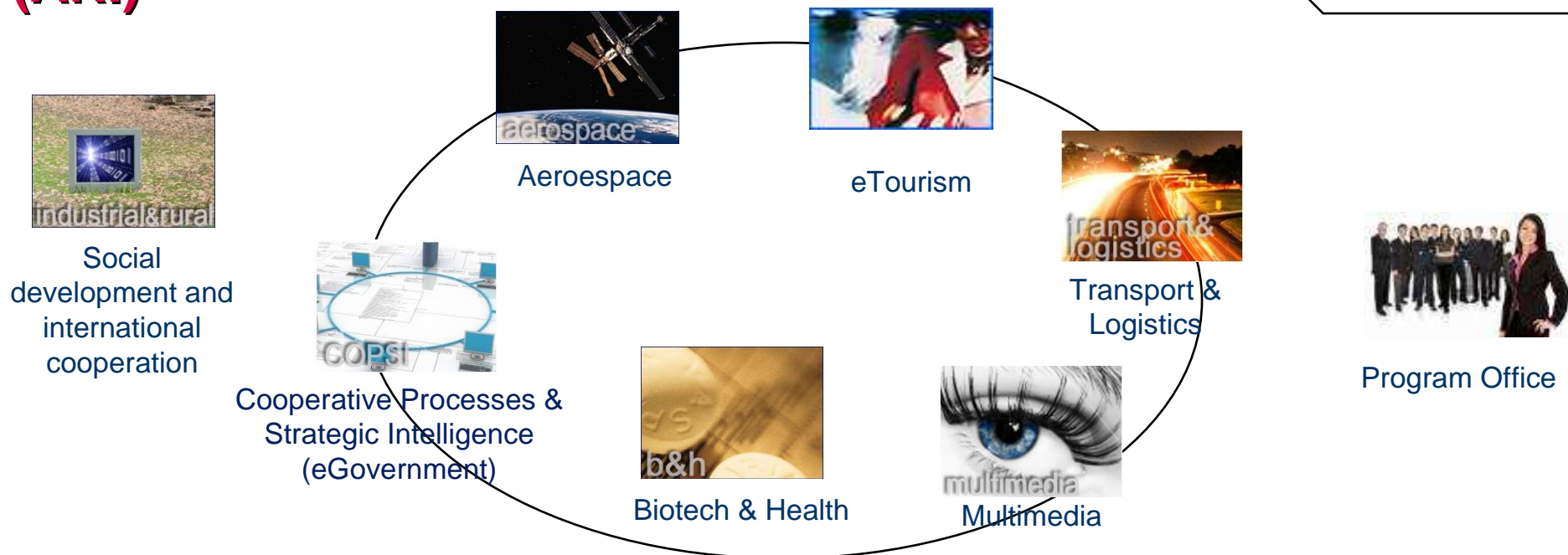


- » Active participation → **more than 20 years**
- » **200 projects** in the last 15 years
- » **2010: 90 R&D projects** ongoing
- » CDTI (Centro para el Desarrollo Tecnológico Industrial ) says about Atos Origin (EC-FP6 & FP7):
  - N° 5 as global actor in R&D activities
  - N° 2 as industrial actor
  - **Leader in coordination of R&D projects**





# Research units in ATOS Research & Innovation (ARI)



Program Office



# Some references of EU projects

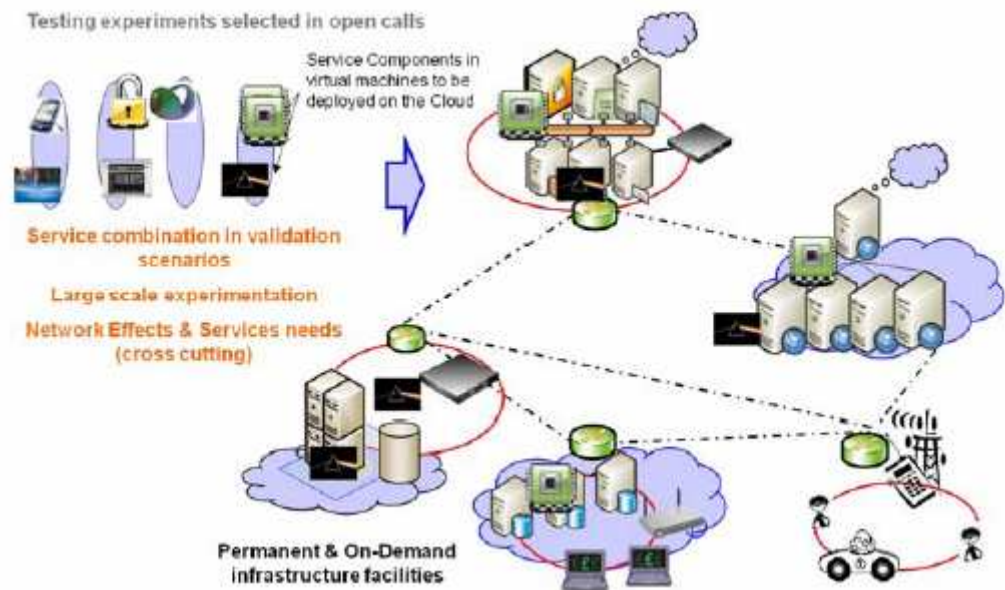
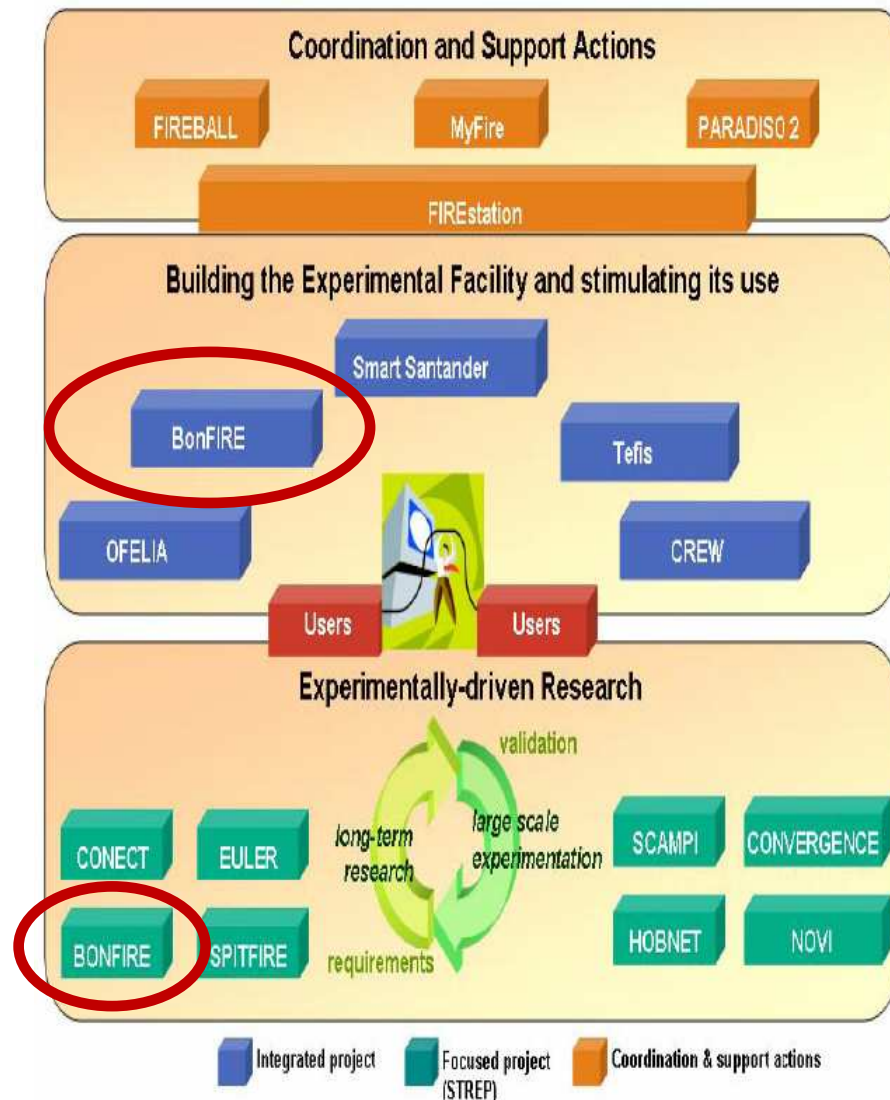
[www.atosresearch.eu](http://www.atosresearch.eu) / [www.atosinnovation.eu](http://www.atosinnovation.eu)



# Atos Origin in the FIRE portfolio



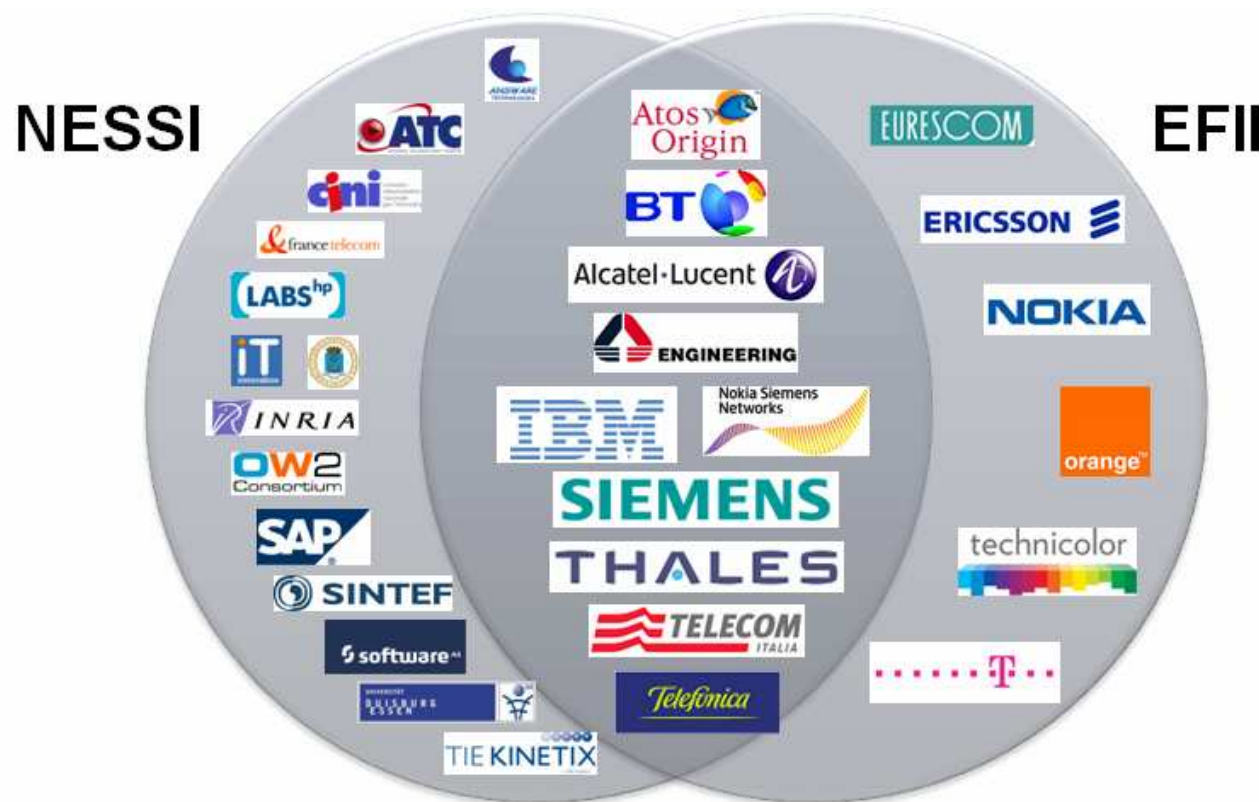
## BonFIRE: Building Service Testbeds on FIRE



Two Open Calls for experiments: 1,34 ME funding) in March 2011 and March 2012



# Atos Origin in Technology Platforms



- » **European Technology Platforms:** NESSI, ISI, NEM, eMobility, eSafety, EOS, NanoMed & JTI Artemis.
- » **National Platforms:** INES, eISI, eSEC, eVIA, es.internet, Logistop, eMOV, eNES, NanoMed, PTFE (Ferroviaria), PT Marítima, etc.

# Vision of Atos w.r.t. FI Architecture (Core Platform)



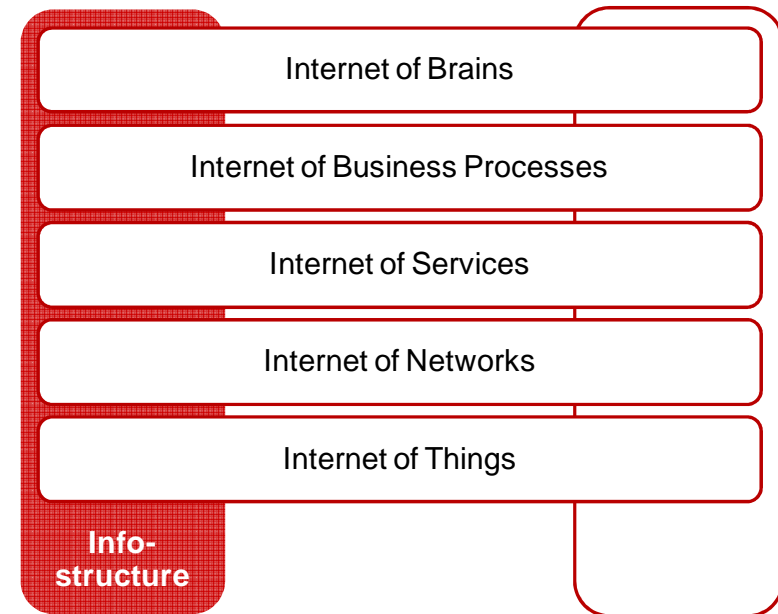
## Info-Structure

Information structure vertical layer :

- **Data infrastructure**
  - Storage, access and transfer
  - All kind of data
- **Structure of information** as services and systems that transform data to information and then into knowledge
- Upper layer of knowledge - **management of wisdom**
  - Enablers that allow the validation and usefulness of this knowledge

This layer covers all technological enablers from the areas of:

- **Semantic technologies**
  - Metadata Management, Ontology engineering, Data integration & information retrieval
  - Support a common understanding of information
- **Content management**
  - Guarantees large scale data federation and scalability in a collaborative environment



Content generated and/or used  
in all layers

## Experience/ added value of ATOS in e-Health and Tourism



### » E-Health

#### » Relevant projects:

- CHIRON (Cyclic and person-centric Health management), CAJAL4EU (Chip Architectures by Joint Associated Labs for European diagnostics), REACTION (Remote Accessibility to Diabetes Management and Therapy in Operational healthcare Regimes), LOCCANDIA (Lab-on-chip analysis of molecular profiles in human serum for early diagnosis of pancreatic cancer), SENSATION-AAL (Sensor-based remote monitoring to support the elderly's independent mobility and daily life activities), DAPHNET (Parallel processing of biological signals), PEHR (personal electronic health record), TELECARE (Platform for monitoring citizen's health)

#### » Access to infrastructure:

- Hospitals in Spain and Europe, e-health governmental bodies

### » Tourism

#### » Relevant projects:

- COMPOSETUR, SEMTOUR (Infrastructure of Services Web Semantic for tourism)
- CONTUR (Platform for Intelligent Content Management in the Field of Tourism)
- BALIATUR (Integrated Platform tourist facilities management)

#### » Access to infrastructure:

- Main Tourism operators in Spain (ex. Barceló, regions like Balearic and Canary Islands)



## Experience/ added value of ATOS in Transport & Media



### » Transport & logistics

#### » Relevant projects:

- TIMI: Intelligent Intermodal Freight Transport
- mVIA: Services for cooperative systems
- LOGSEC: Security on freight transport
- TraceBack: Traceability of the whole food supply chain
- uService: prosumers of services

#### » Access to infrastructure:

- Access to roads and cities, specifically already installed infrastructure in Amsterdam, Viena, Trondheim, Lyon

#### » Possible users:

- Logistic operators: Procter and Gamble, DHL, ChronoExpress, DB Schencker, ASTRE, Number 1, K+N, Kiala
- Public Transportation: TMB (Barcelona), IETT (Istanbul)
- Ports: Barcelona, Valencia, Gijón, Bari, Rotterdam, Alexandria, Hong Kong
- Associations: Europost, POLIS, ERTICO, ASTRE
- OEMS and Suppliers: Nissan, Daimler, BMW, CR Fiat, SEAT, Renault, Piaggio, Bosch, Delphi, Magneti Marelli, ELSAG, Rucker Lypsa, FICOSA

### » Media/Content

#### » Relevant projects:

- My-e-Director 2012
- RTVE Vancouver
- SARACEN (p2p streaming platform)

#### » Access to infrastructure:

- TV3, in general TVs, Olympic Games











**Thank you...**

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