



# mi-Cluster: Βέλτιστες πρακτικές ΙΟΤ από την Ελλάδα – αποτελέσματα και μελλοντικές δράσεις

**EKT: AIOTI Open Day**  
Αθήνα, 08.02.2016

**Presentation:**

Demetris Papailiou

Corallia | mi-Cluster Manager

# Facts

Nano/Microelectronics based Systems and Applications



Αριθμός Μελών: 52  
Έτος Σύστασης: 2006



# mi-Cluster Bronze Label

**BRONZE**



## Cluster Management Excellence

**STRIVING FOR CLUSTER EXCELLENCE**



European Cluster Excellence Initiative Bronze Label Certificate

GRC001201109ECEI0156

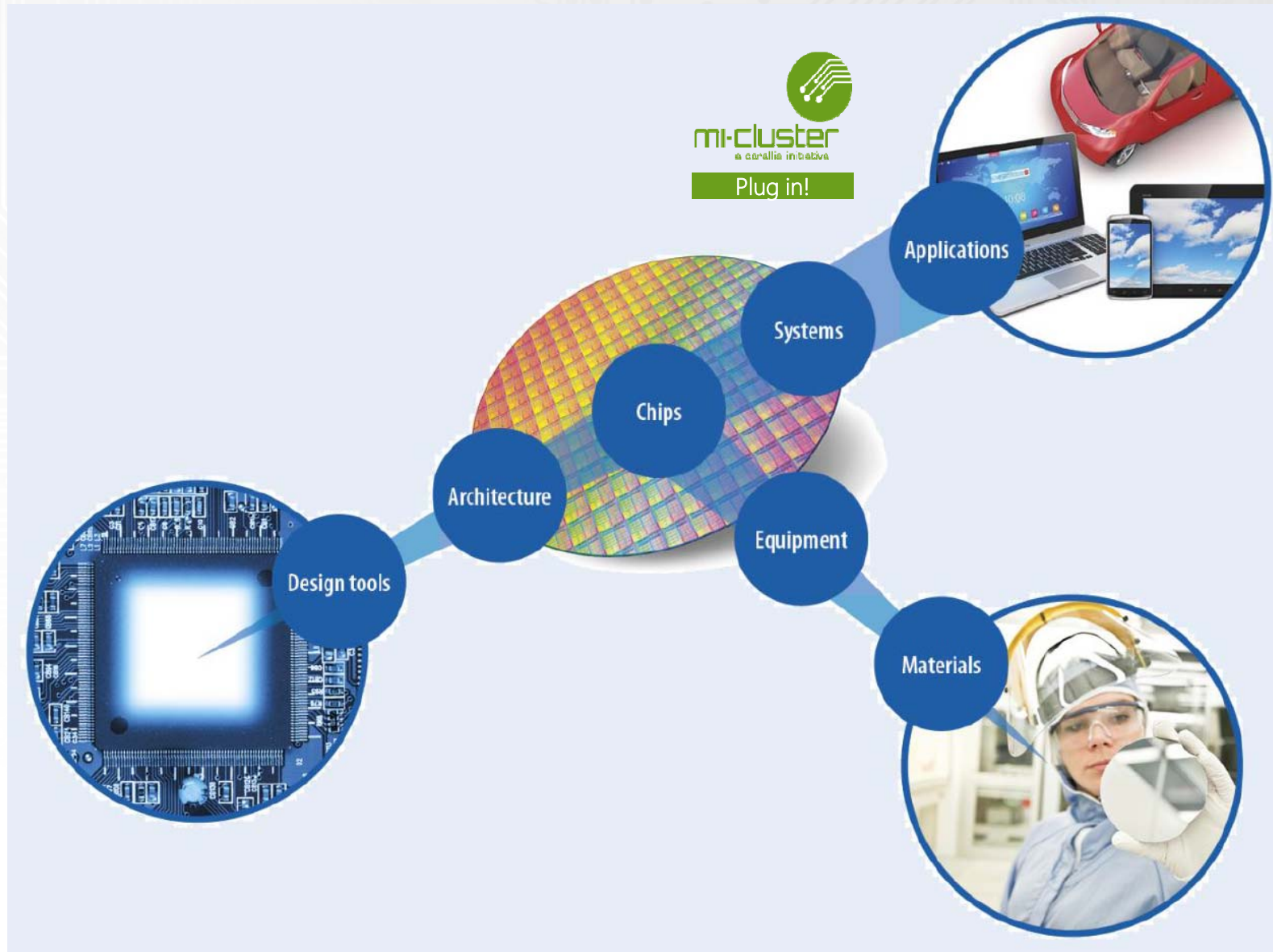
**mi-Cluster: Nano/Microelectronics and Embedded Systems**

has been benchmarked according to a benchmarking approach developed and performed by the "European Secretariat for Cluster Analysis" of VDIVDE Innovation + Technik GmbH. The benchmarking interviews were carried out by specifically trained Benchmarking Experts from various countries. By participating in this benchmarking the cluster organisation has expressed its interest in striving for cluster excellence and is awarded with the European Cluster Management Excellence label in BRONZE. This benchmarking exercise was performed in the context of the European Cluster Excellence Initiative, a project co-financed by the DG Enterprise and Industry of the European Commission. The benchmarking took place on September 19<sup>th</sup>, 2011. The certificate expires on September 19<sup>th</sup>, 2013.

Dr. Gerd Meier zu Köcker  
VDIVDE Innovation + Technik GmbH, Berlin

Thomas Lämmer-Gamp  
European Secretariat for Cluster Analysis, Berlin

# The MNE Value Chain







# Micro- and nano electronics: a Key Enabling Technology



Consumer

Aerospace



Automotive



Smart Cities



Communication

Energy



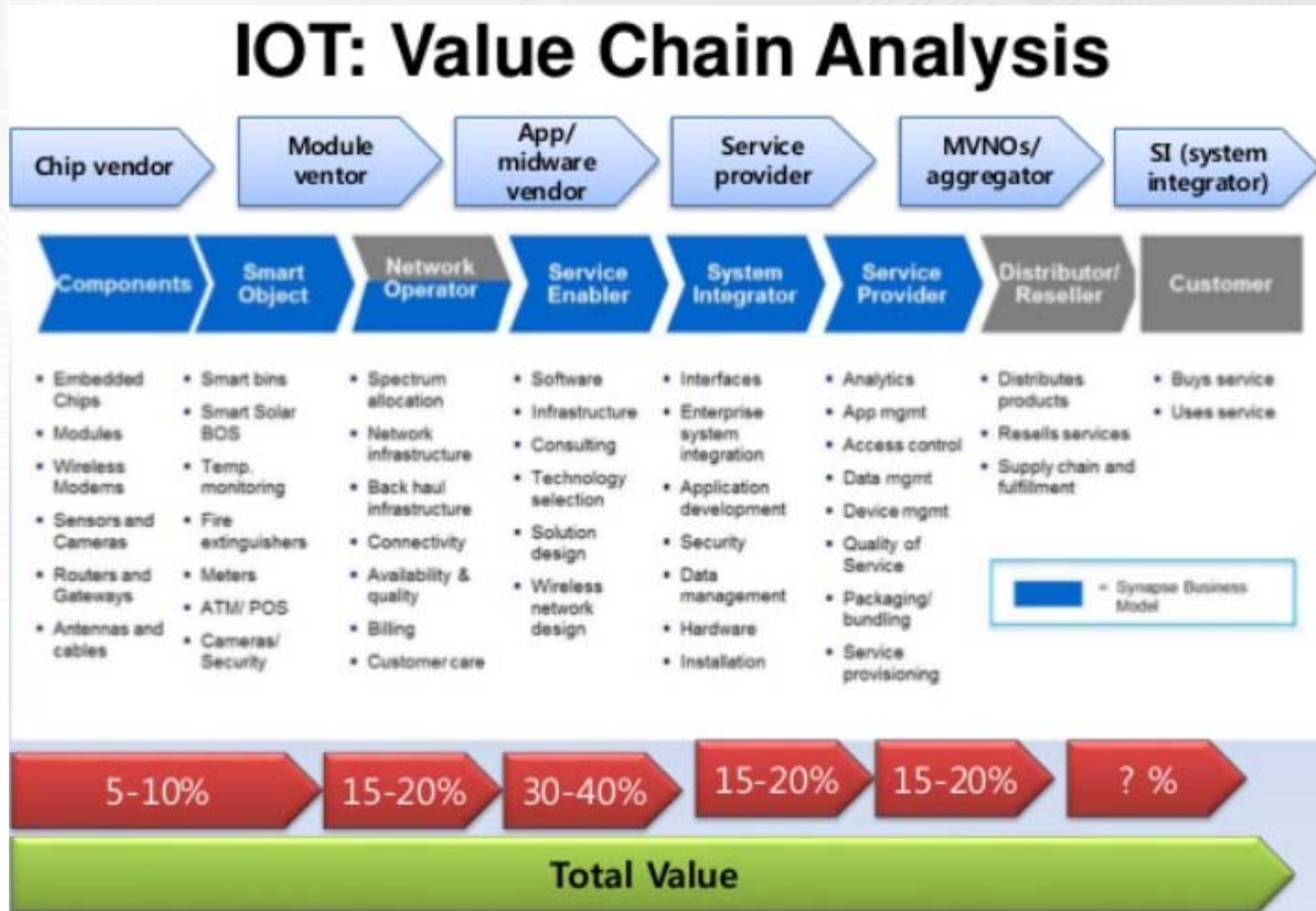
IoT



Smart health



# The IOT Value Chain



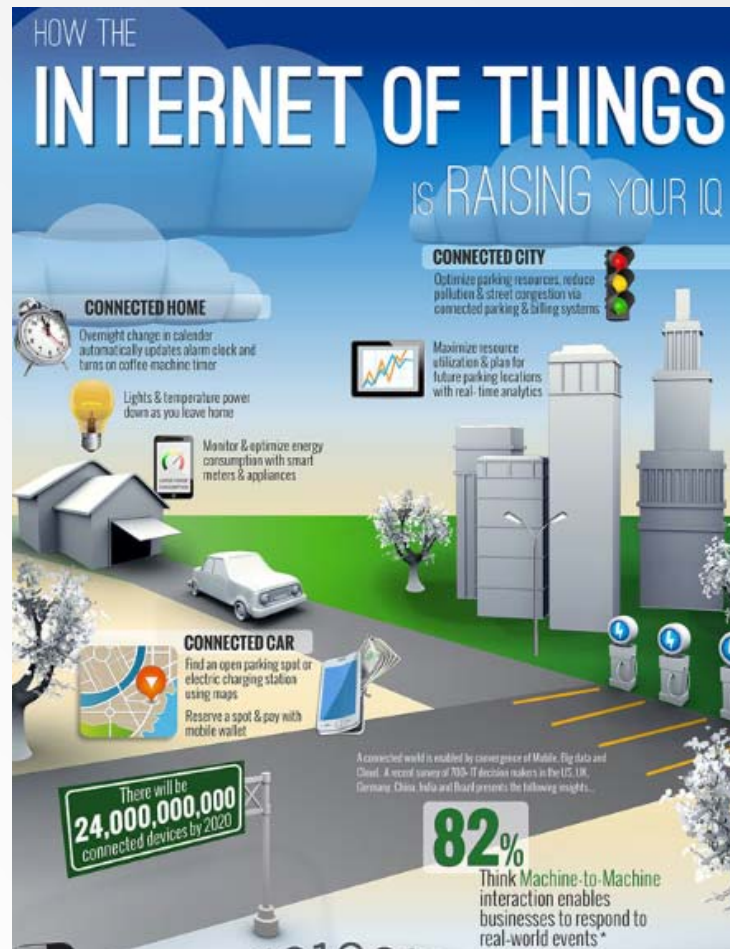


# mi-Cluster

## IoT Positioning

IoT enabling components & IoT technologies: large concentration of world class expertise in wireless technologies (i.e. Wi-Fi, Bluetooth Smart), Wi-Fi SoC, IoT Wi-Fi modules, Wi-Fi IP, sensors, smart meters

IoT Apps: Smart Energy, Smart Home, Smart Car, Smart City, Smart Retail, Smart Agriculture/Fisheries



Smart Objects: Smart energy meters,

Embedded: Computer vision, Digital Audio

Cloud Computing & Big Data






# Thematic Focus and Value Chain











# mi-Cluster: Verticals


 **Manufacturing**


 **Healthcare**

 **Infrastructure**

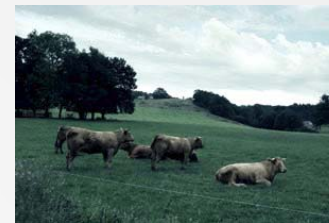
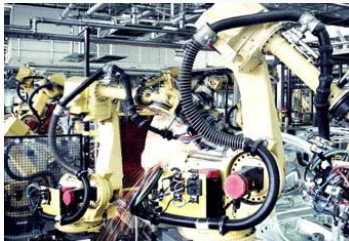
 **Energy**

 **Transportation  
& Logistics**

 **Buildings**

 **Hospitality**

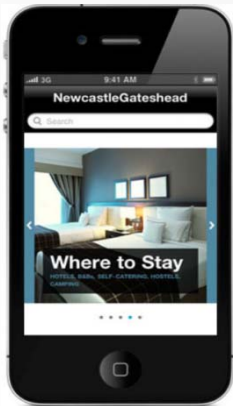
 **Agriculture  
& Farming**





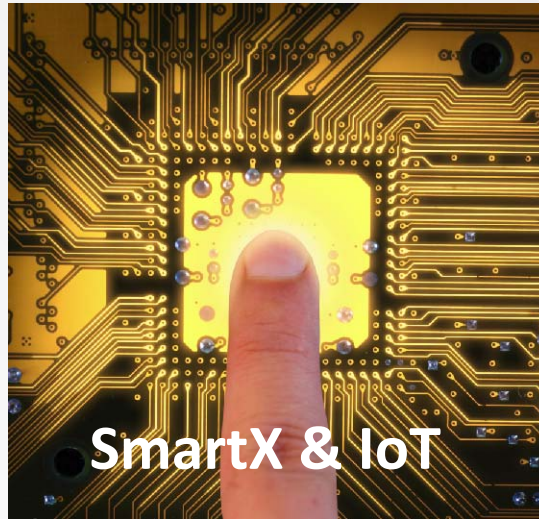
# mi-Cluster

## Cross-Sectoral



Smart Tourism

Microelectronics & Embedded Systems



Smart Agro



Smart Fisheries



# [mi-Cluster: Partnerships - MOUs]





# Silicon Europe Alliance



12 Leading EU MNE Clusters join forces to collaborate and network  
10 EU Member States  
> 2000 companies, > 1500 SMEs, > 250,000 jobs







# MOU MINALOGIC & mi-Cluster





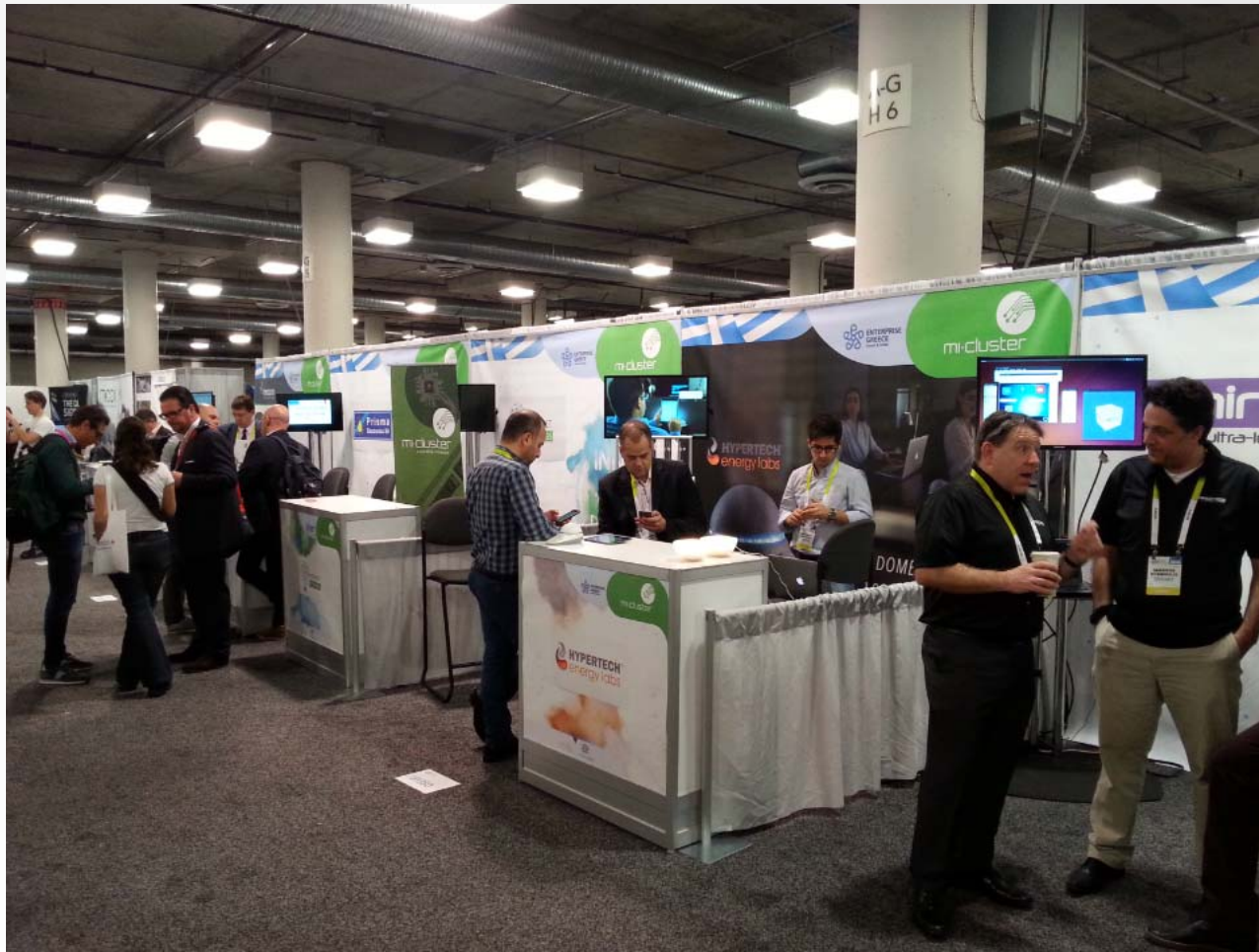
# [mi-Cluster: Int'l Trade Shows]





# CES 2016 | Eureka Park

The Greek IOT Delegation | National Pavilion

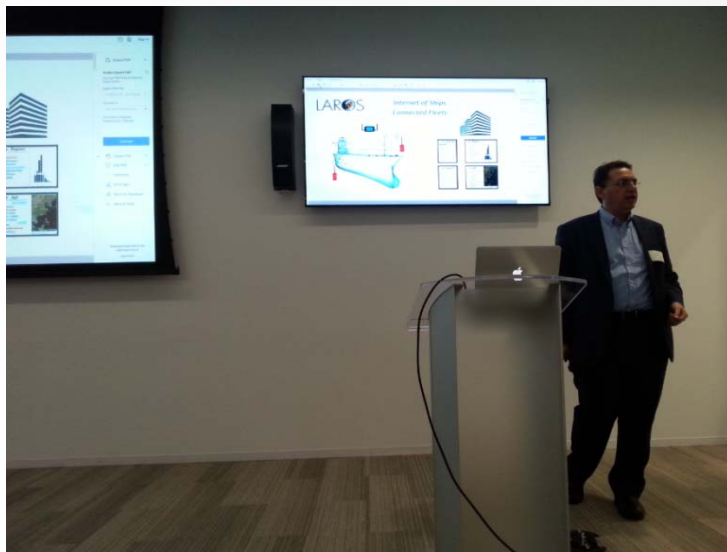






# mi-Cluster: Silicon Valley Roadshow

mentoring | Pitches | Corporate Visits







## Συμμετοχή του mi-Cluster @ IOT World Congress 2016 Greek IOT Delegation | Εθνικό Περίπτερο

### Ελληνική Αποστολή

Εκθέτες: 10-15 εταιρείες

Συμμετοχή στην αποστολή: επιπλέον 10 εταιρείες





THANK YOU

Nano/ Microelectronics based Systems and  
Applications Cluster



mi·cluster  
a corallia cluster initiative