



# Market facts

## Challenges in the society

- Ageing population
- Energy efficiency
- Ubiquitous demand for information

## Increasing value of services vs products

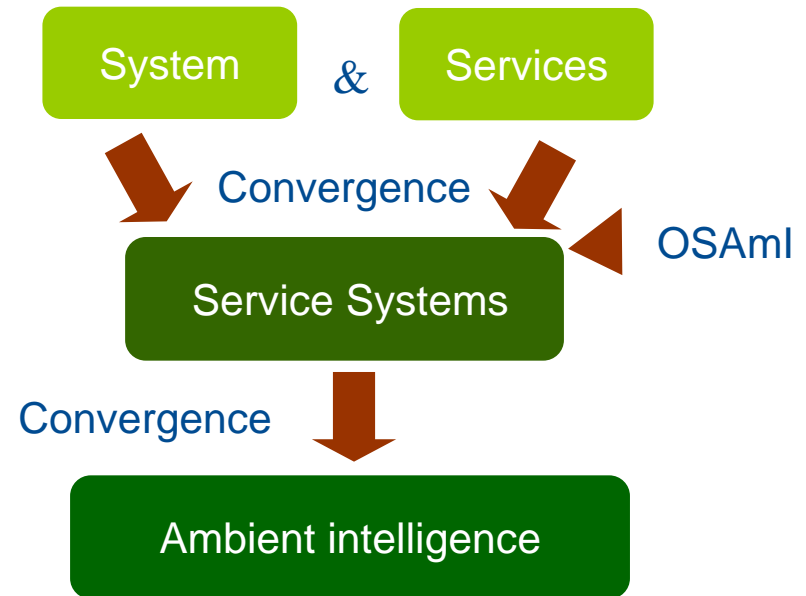
## Challenges in the Industry

- Consumer requirements increasing
- Very short Time-to-market needed
- Massive increase in system complexity

## Increasing importance of open source

- Low cost
- Reduction of vendor lock-in
- Access to the source code

## Growth of Java (HW independency and open standard)





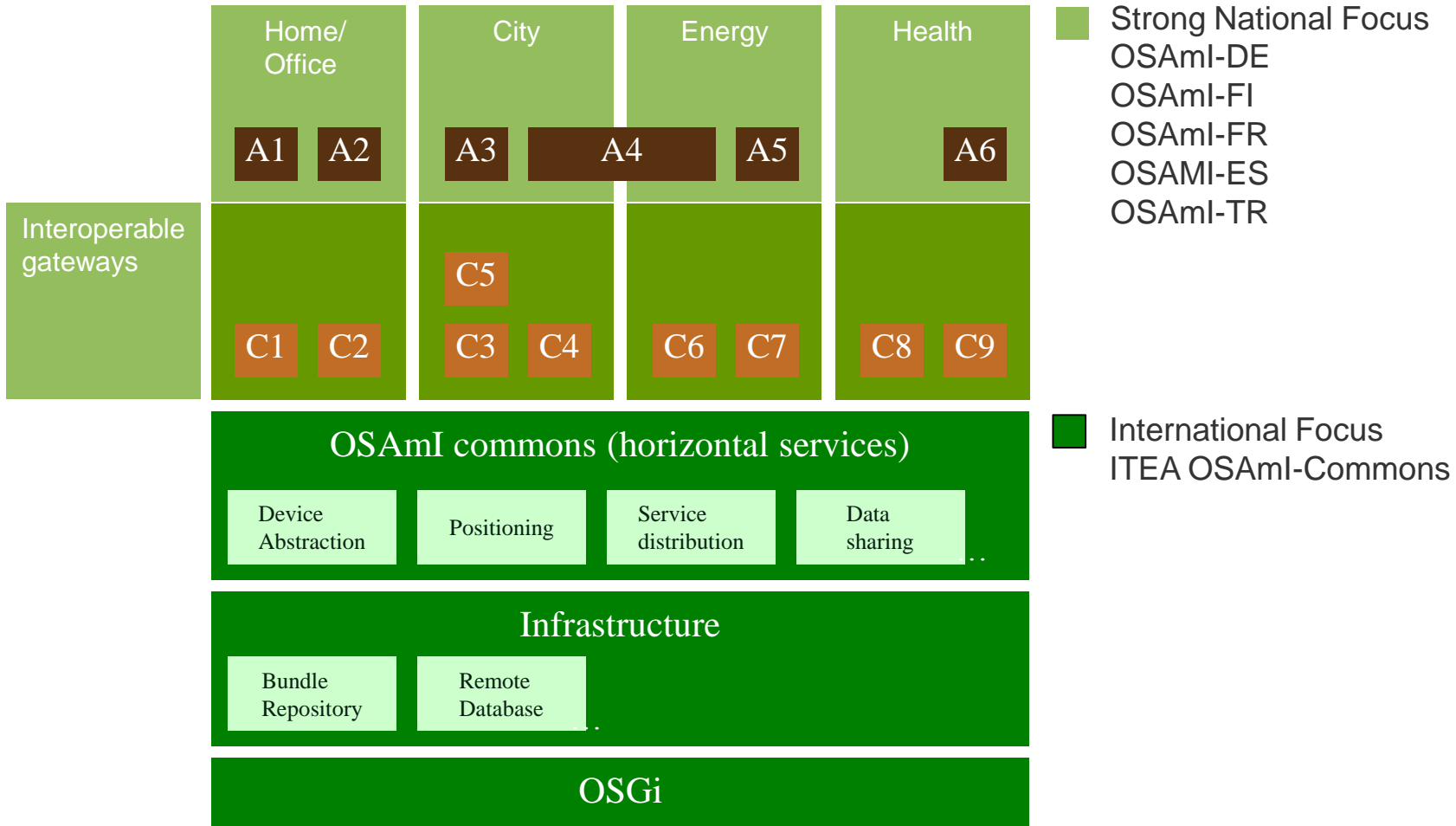
# OS@ml goal

- **OS@ml Commons wants to provide an open source-based platform for devices and their services**
- **The project**
  - Targets social needs (energy efficiency, remote health, smart home, mobility, intelligent city)
  - Is tested in various industry domains
  - Deploys open technology
- **The platform**
  - Enables Fast and dynamic development
  - Provides the European Community with the right platform and architecture for further industry developments
    - Reducing development costs
    - Reducing development time
    - Enhancing the market for SMEs



# OSAmI-Concept Chart (I)

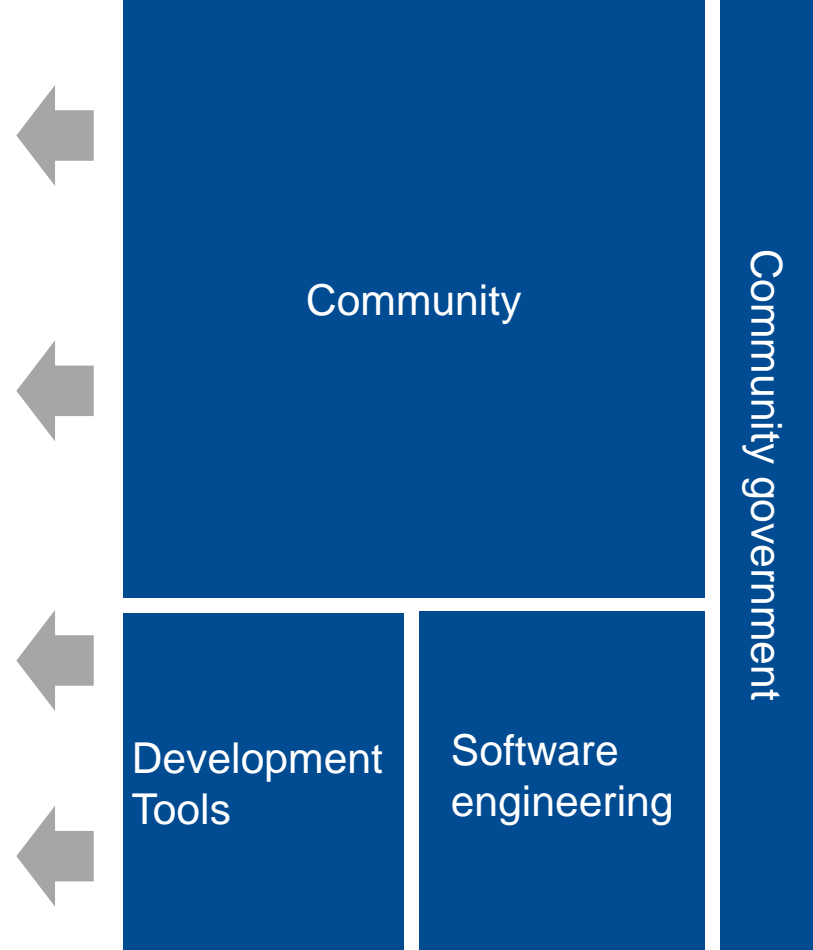
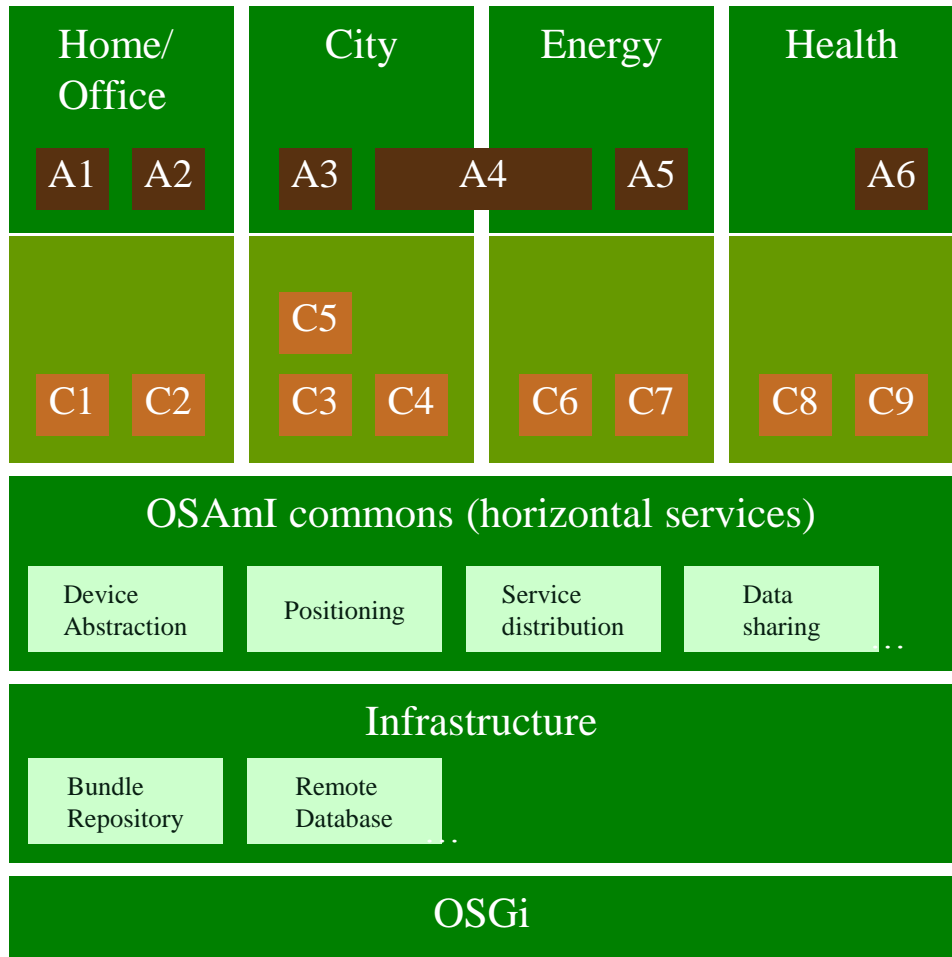
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# OSAmI-Concept Chart (II)

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# Lessons Learned

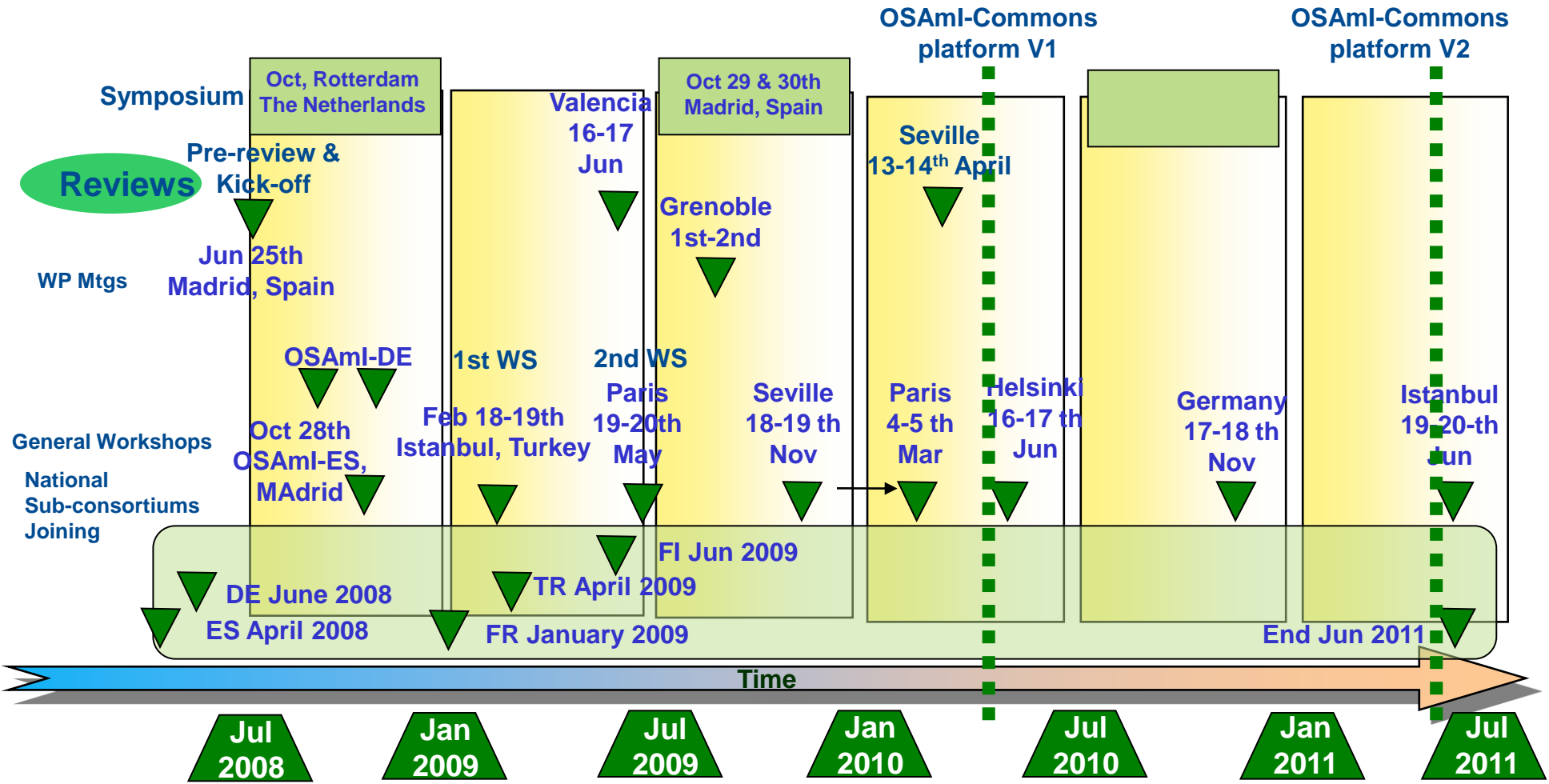
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- Code sharing is the key issue!
- PCA models should address OS IPR issues
- PCA models should be addressed in an early phase
- Project charter may help in open source issues not covered by the PCA text
  
- PCA Status...



# High level project schedule

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# Two iterations approach - Deliverables

Ambient Intelligence Commons

Year	Month	Deliverable
200X	Jan&Jun	Progress Reports
2010	February	Vertical Domains V1
2010	February	Business, process, organisation and acquisition approaches V1
2010	May	Tools V1
2010	May	Principles, architecture and horizontal services V1
2010	Jun	Security and distributed management of assets V1
2010	Jun	Demonstrators V1
2011	February	Vertical Domains V2
2011	May	Business, process, organisation and acquisition approaches V2
2011	May	Tools V2
2011	May	Principles, architecture and horizontal services V2
2011	May	Security and distributed management of assets V2
2011	May	Development and acquisition policy recommendations
2011	June	Demonstrators V2

First Iteration →

OSAmI Platform V1

Second Iteration →

OSAmI Platform V2



# Technical and management structure

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## WP2

Business, Processes, and Acquisition process

Engineering [ESI]

Acquisition [VTT]

Raul Otaolea [ESI]

## WP3

Vertical Domains and Tools

Vertical Domains (VD) [Sampas]

OSAmI(zed) Domains [Sampas]

Tools [Eteration]

Naci Dai [Eteration]

## WP4

OSAmI Interfaces and Architecture

Principles [VTT]

Architecture [Thales]

Horizontal Components [Siemens]

Franz-Josef Stewing  
Wolfgang Thronicke [Materna & Siemens]

## WP5

Security and Distributed Management of Asstes

Security [UMA]

Distributed Assets Mngmt [UPM]

Mario López Ramos  
Marcel Arrufatarías [Thales]

## WP6

Demonstrators & Develop. and Acquisition Policy Recomendations

Ambient Efficient Energy [EDF]

Ambient Assited Living [CorScience]

Ambient City Services [Sampas]

Ambient Edutainment [Uvigo]

Ambient Development Tools [Prodevelop]

Interoperable Gateways [Telvent]

José Luis González [Telefonica]

Management

Collaborations [Prosyst]

Dev & acquisition policy Recomendations [Cenatic]

Jesús Bermejo [Telvent]  
(Tech Mgr) Kari Kolehmainen [VTT]  
(Collaborations) Susan Schwarze [Prosyst]  
( Policy recomendations) Pop Ramsamy [Cenatic]