



# Future Internet Service Offer: Achievements

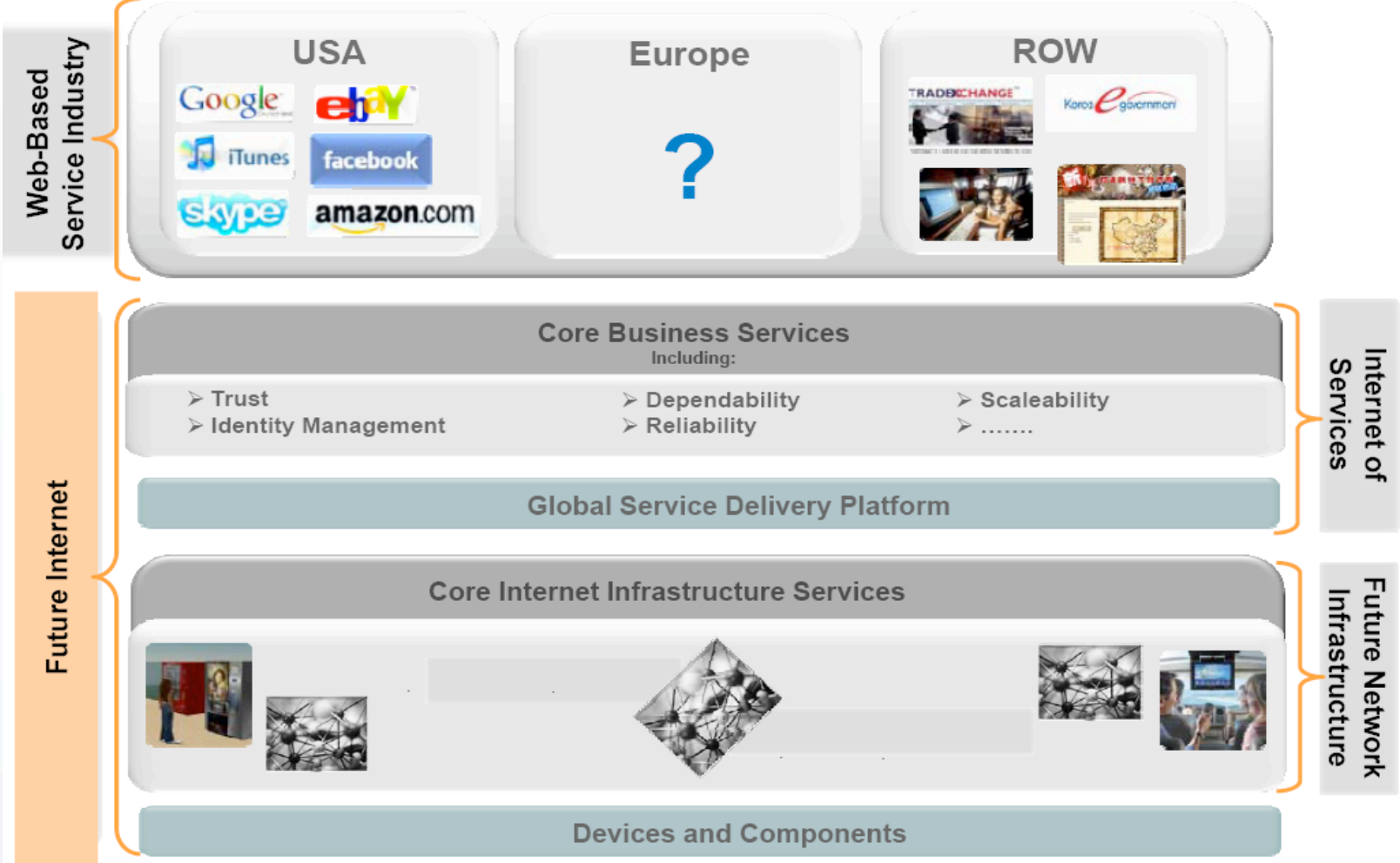
December 9-10, Madrid

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# Background



Source: [ftp://ftp.cordis.europa.eu/pub/fp7/ict/docs/ch1-g940-280-future-internet-ld\\_en.pdf](ftp://ftp.cordis.europa.eu/pub/fp7/ict/docs/ch1-g940-280-future-internet-ld_en.pdf)



# Goal of the Session



**Continue the process to answer:**

Requirements for the Future Internet Service Offer?

Desired functionalities for the Future Internet Service Offer?

Do we need a new (comprehensive) architecture?



# Overall Process Model



**Nov 2008**

Introductory panel discussions in the FI of Services networking session @ Lyon

**Dec 2008**

Panel discussions during FIA Madrid to list FISO requirements

Panel coordinators to write report about their panel discussion

**Jan 2009**

Publishing FISO requirements for comments at:

<http://services.future-internet.eu/>

Call for projects to write position papers on on requirements based on (early) results. Contributions published on URL above. Contributions should target current Internet limitations to aid definition of Future Internet

**April 2009**

Prepare for Prague FIA based on above.



# Requirements (1/2)



## **Internet of Services and Internet of Things: adapting to user, task and location in a seamless fashion**

Persistent Personal Spaces – adapt and learn according to context

Adhoc dynamic -> “hop security” transitive transparent partial

Real physical world -> proximity, safety!

## **User generated services and user generated content: Similarities and Differences**

Who is the user??

Multiple roles pervasive

Everyone is the user (and provider).

Partial value-add chain of users



# Requirements (2/2)

## **Beyond Amazon: Using and offering services in a cloud**

Closed Black Box -> open reservoir (cross organisational domains)

Outsource clouds – interlinking clouds

Grid influence Large scale data management, programming models, self\*, infrastructure based on p2p

Utility costs and efficiency – workload consolidation requires instrumentation

## **Global service delivery platform for the future internet: What is it and how to use it for innovation?**

Services are not just WSDL Web Services

New types of of services will emerge which we do not know of

Enterprise prosumers

Web services disseminated through social channels



<http://services.future-internet.eu/>



**future Internet**

