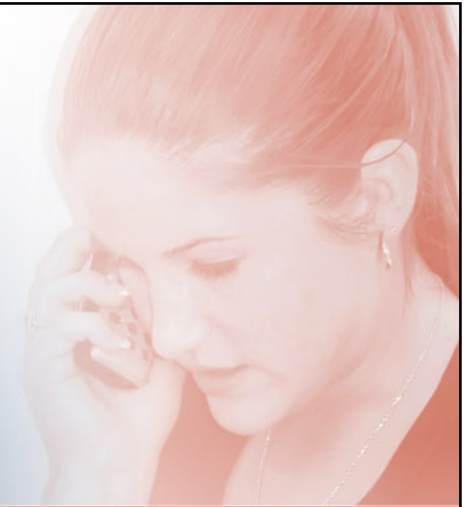




USER-CENTRIC PARADIGM FOR SEAMLESS  
MOBILITY IN FUTURE INTERNET



# **FI PPP: technical innovation for driving new business models**

**A practical example: the PERIMETER FP7  
project and the development of its potential**

Luca Salgarelli

Univ. of Brescia, Italy – <[luca.salgarelli@ing.unibs.it](mailto:luca.salgarelli@ing.unibs.it)>

# Telecom infrastructure

## Current business models



→ “Walled garden” model: revenue comes from

- ↳ Retain current customers
- ↳ Acquire new customers
- ↳ Enact technological and economical barriers to prevent users from utilising services and platforms from other operators

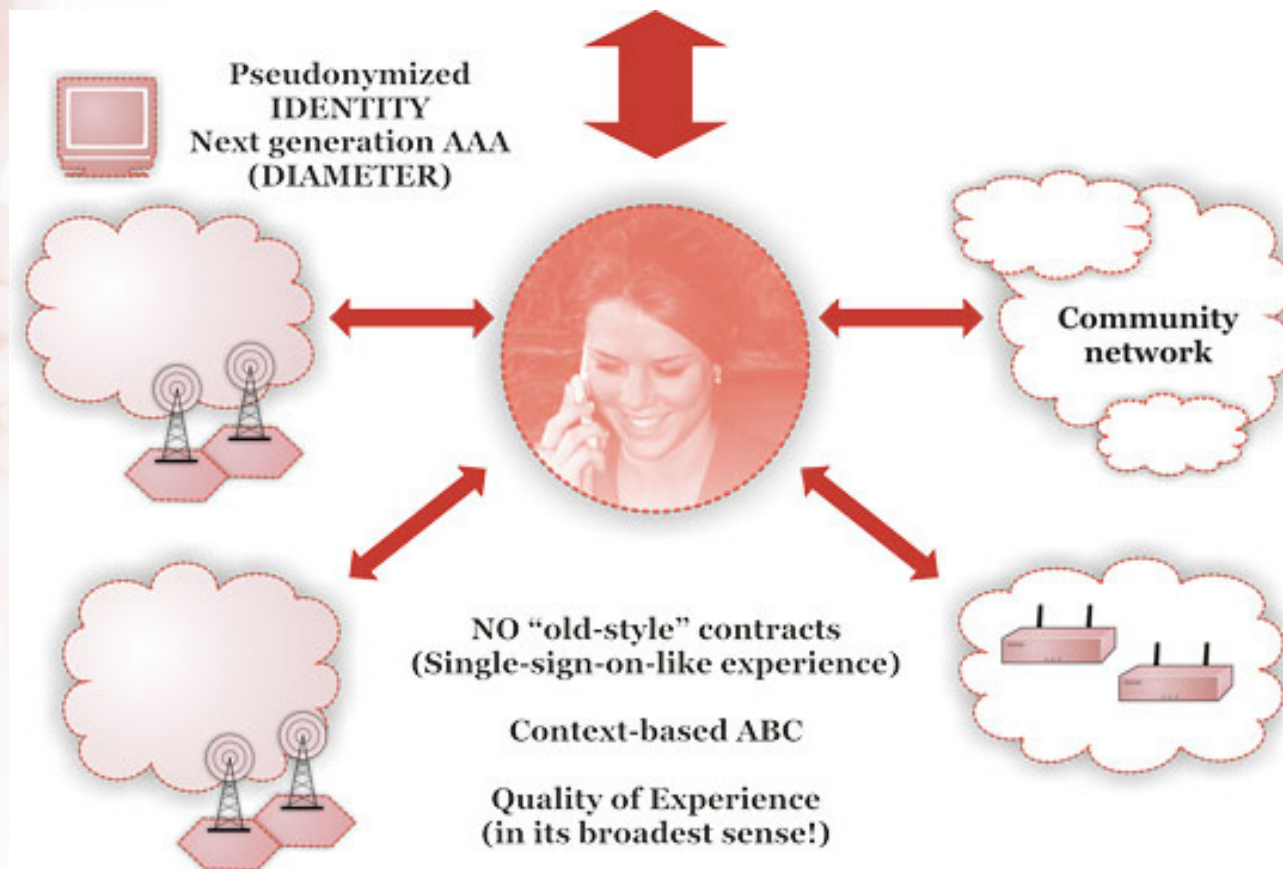
→ Problems

- ↳ Limited freedom for users
- ↳ High cost of service
- ↳ New operators cannot come to the market
- ↳ Underutilisation of public resources and socially-sensible infrastructures

# The PERIMETER approach



- PERIMETER: FP7 project (2008-2011): <http://www.ict-perimeter.eu>
- In summary: **end users** control the network!!



# A way forward for FI PPP



- Use PERIMETER as a foundation to establish ***new business models for network operators***
- Introduce a new figure: ***service arbitrator***
- Provide a unified technological interface for offering ***inter-operator services, access to media and applications***
- Build a multi-operator virtualisation platform