

European large scale Living Labs pilots and Best Practices

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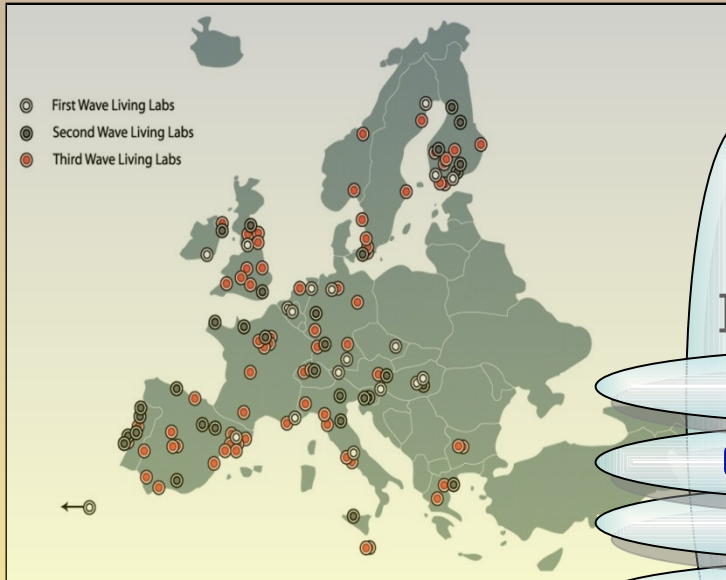
The **CO-LLABS** project addresses several domains and lead markets to show the extraordinary capacity of Living Labs to co-create innovation and to deal with large scale projects

Living Labs in regional innovation **ecosystem**: the European Network of Living Labs to access the regional innovation capacity in Europe (**CO-LLABS thematic network**)



Living Labs enable the **Open Innovation** paradigm by activating the full potential of the **collective intelligence of collaborating individuals in a societal context**

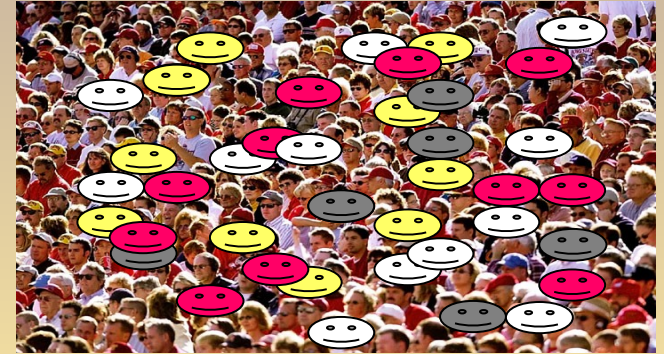
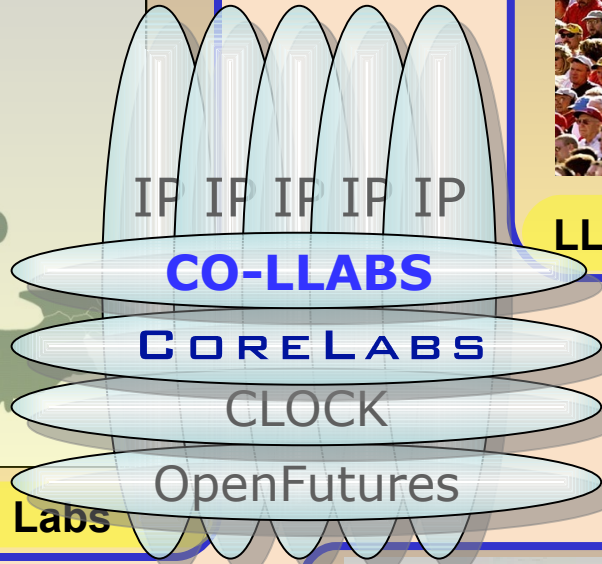
A Living Lab is an **ecosystem** where **users drive** innovation for ICT based services addressing major socio-economic issues (intelligent energy, e-health, e-safety, intelligent mobility, territorial resources empowerment)



European Network of Living Labs

Community of LL sites

- 1st and 2nd Waves: 51 LLs
- Regional networks emerging
- 3rd Wave of 78 LLs (**total: 129 LLs**)
- Continuous expansion



LL Open Innovation Community

Open Community of Individuals

- launched in November 2006
- 1100+ persons registered



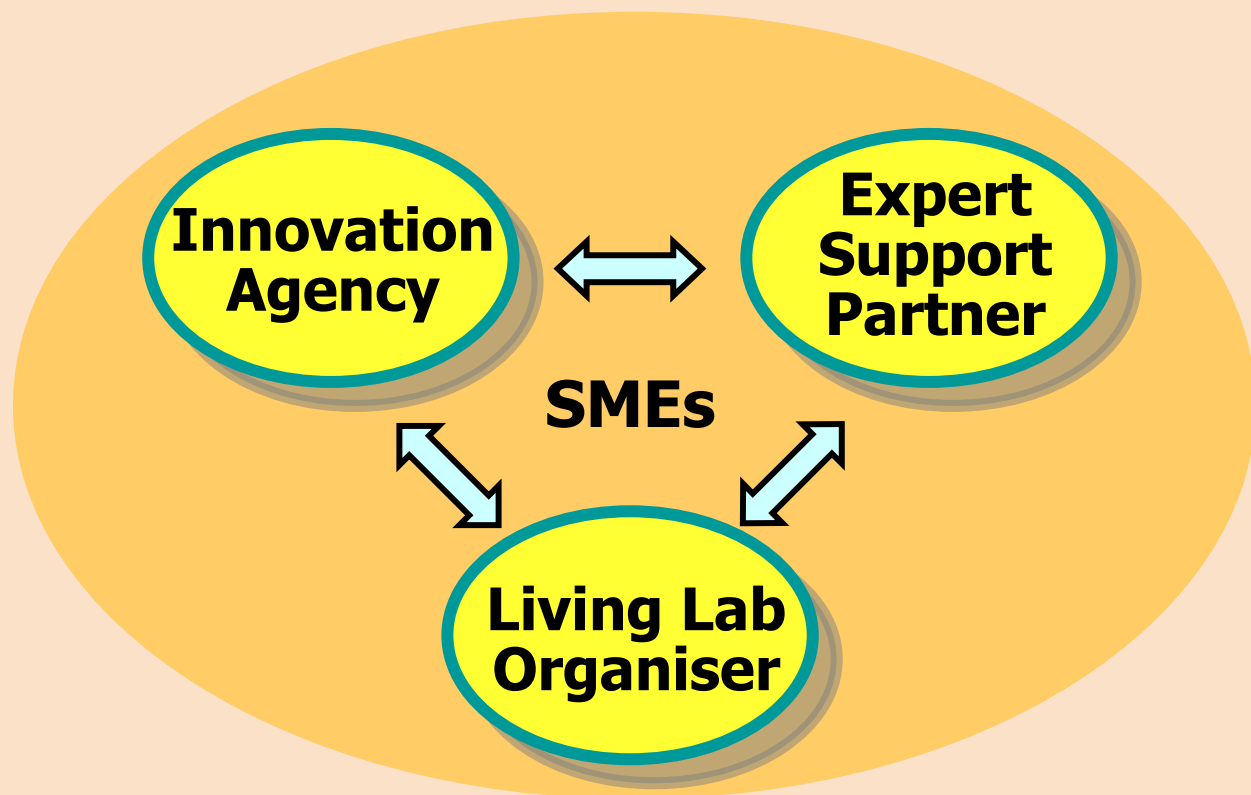
LL Portfolio Leadership Group

LL LG Task Forces

- Governance
- Policy Link
- ICT Infrastructure
- Communication

Living Labs in regional innovation ecosystem: the European Network of Living Labs to access the regional innovation capacity in Europe (**CO-LLABS thematic network**)

The over-all objective of the CO-LLABS Thematic Network is to achieve a European-wide adoption of ICT-based Living lab services and practices to allow SMEs to improve their innovation capabilities and processes and become part of “open innovation” environments



Measurable Impact of CO-LLABS

Key indicator	Measurable Impacts	Impact Objectives M30	Impact achieved 2009
Sustainability after project duration	Foundation of a self-sustainable organisation for Living Lab practice assessment and wide deployment in Europe	1	In progress
Conceptualizing Living Labs and best Practices	Business models and sustainability, user involvement, ICT enablers	100	50 +
	Number of publications disseminating best practices 2 per year	5	In progress (EJOV, ICE 2009)
	Number of industry sectors assessed	4	Health, Media, Tourism, Energy, ..
	Number of publications in scientific journals and conferences 4 per year	10	In progress (EJOV, ICE 2009)
Stimulating networking among stakeholders	Number of organizations (agencies, expert organisations) in the CO-LLABS network	100	50 +
	Number of identified Cross border, European and global dimension Pilots	7	Disaster management, logistics, invoicing, tourism ...
	Number of open innovation living lab community individual person members	5000	3000 +
	Number of Living Labs organizations joining the CO-LLABS network community members	50	30 +
	Number of organizations receiving dissemination publication material	10000	~3500
	Number of European level workshops 2 per year	5	ENoLL, Open Days, ICT2008, ESoCE Net
	Number of European countries involved	20	20 +
	Number of world regions involved	4	Europe, Asia, US, South-America, Africa
Joint Action Plan	Publication of joint action plan-roadmap at end of project M30	2	TBD
	Recommendations for policies and regulations publications 2 per year	5	Manifesto in preparation
	Number of regional national and European policy makers exposed to recommendations	100	50 +

**Wed,
14 Jan**



am pm



**Living Labs
Information
Event**

**Thu,
15 Jan**

am pm

**Living Labs
Community
Networking
and CIP/FP7
proposals
development**

**Fri,
16 Jan**

am pm




**Open
System
of Living
Labs
Communities**



**European
Network of
Living Labs**

**Foundation
of
ENoLL
as a
legal
entity**

**Open System of
Living Labs
Communities
Foundational
Meeting**

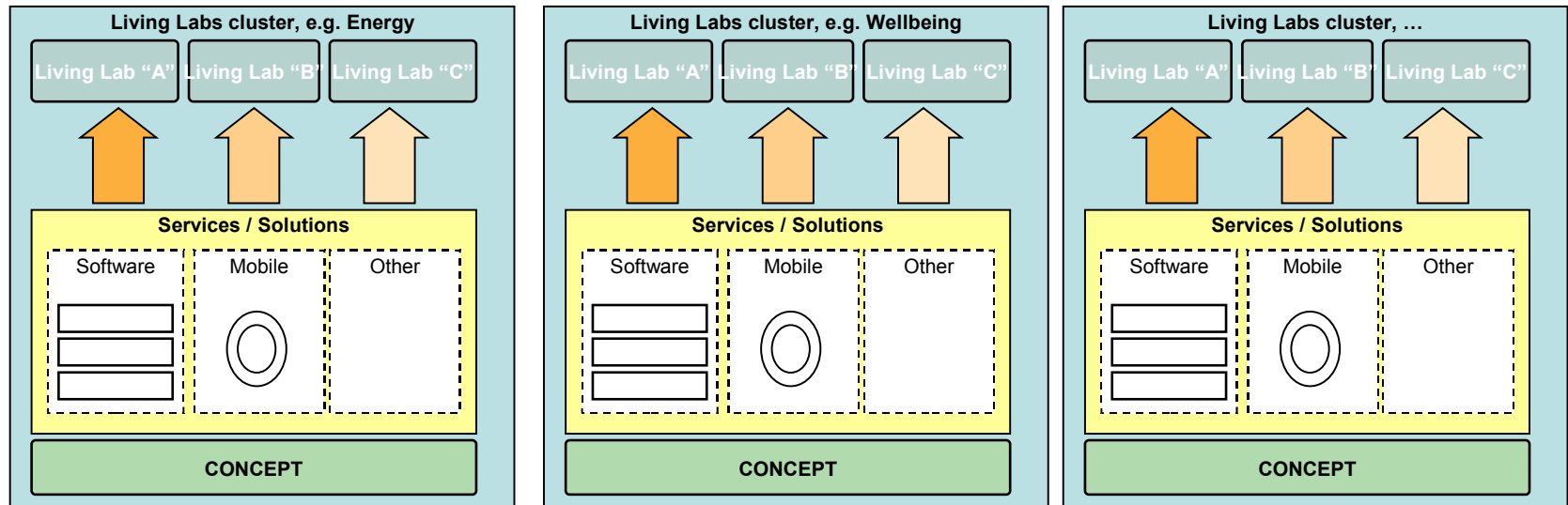


Mid January 2009, Brussels - **Living Labs**



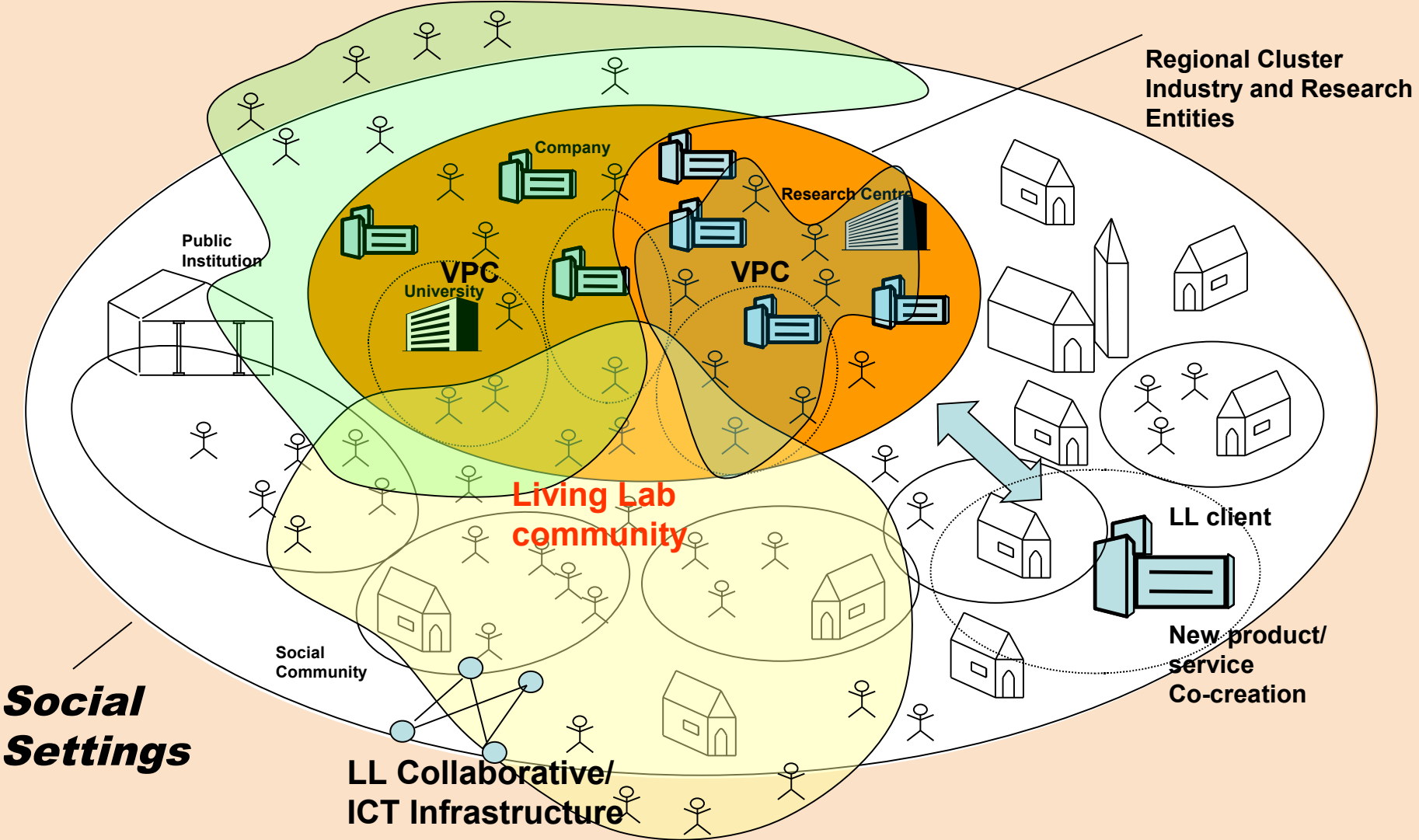
Living Labs Workshop / Brussels, 1 July 2008

Piloting of Living Labs network: Multi-location experiments



Verification of Synergies, Best Practices, Common Methodologies ...

User-driven Open Innovation: Functional Region scenario



Innovative Telemedicine Services for the Citizen

DEPLOY OPEN SYSTEM
APPLICATIONS and
TELECOMMUNICATIONS
NETWORKS

CONNECT USERS NEEDS
TO *TELEMEDICINE SERVICES*

**EMERGENCY in
MOBILITY SERVICES**

**HOMECARE
SERVICES**



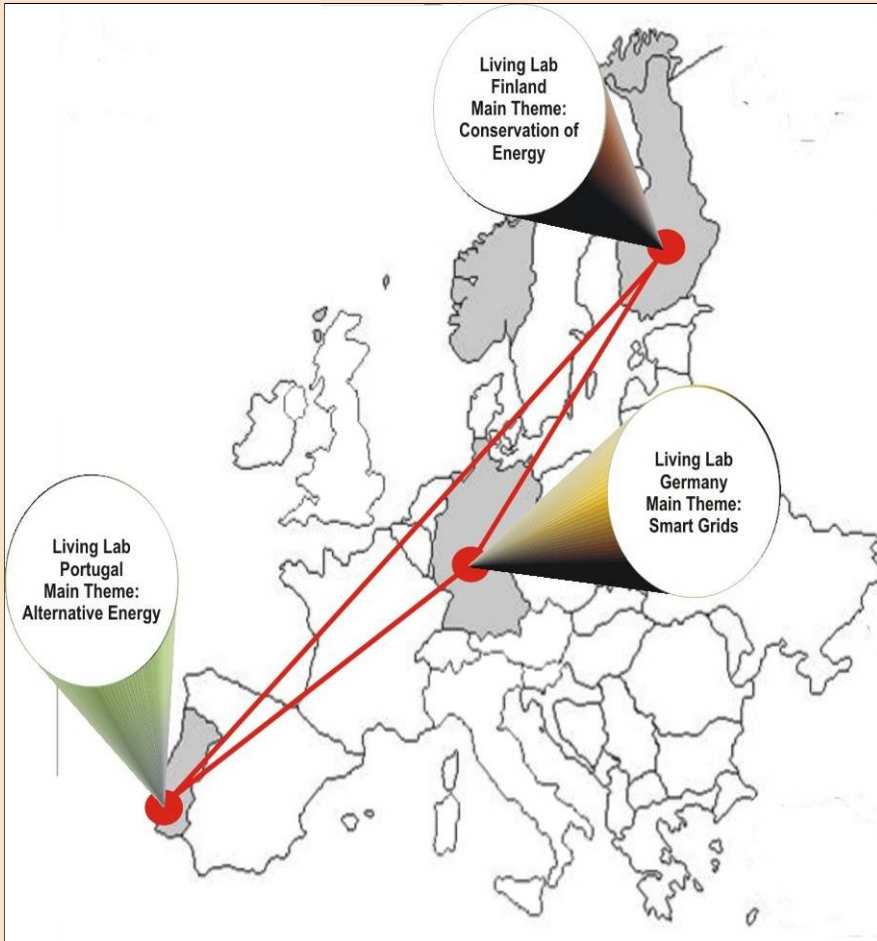
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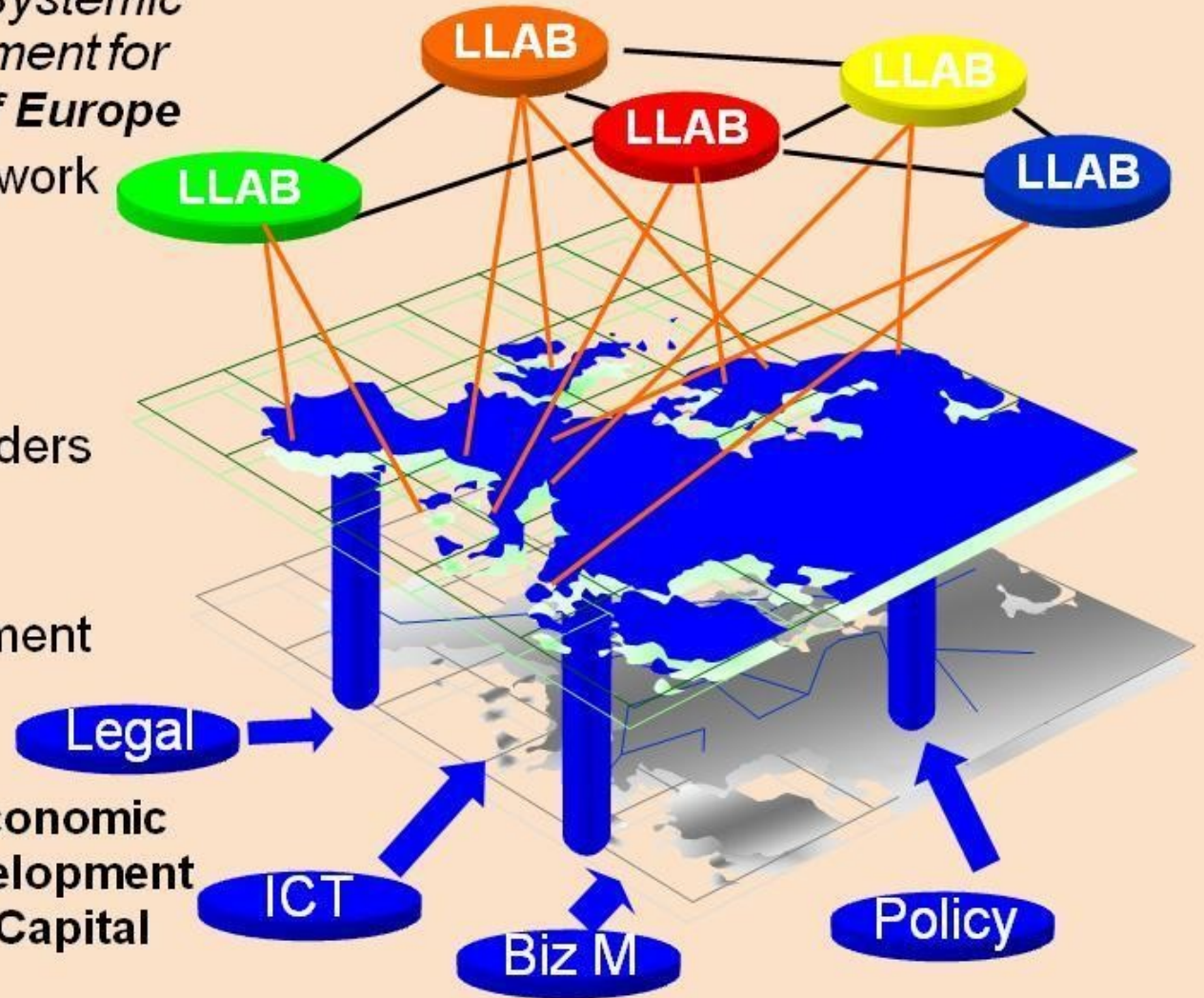


- **Rener Living Lab - Alternative Energies** (Portugal): a cluster of homes where alternative energy solutions are deployed and their impact is evaluated.
- **Tampere Living Lab - Energy Conservation** (Finland): large clusters of **smart homes and buildings that are focused on the conservation of energy**. Nokia is heavily involved in the activities of the living lab; **7% early gains**.
- **Smart Living Lab - Smart Grids** (Germany): power suppliers coupled with private homes which provide additional power generated from renewable resources (bio mass, sun, wind; this is partly funded by German government).

Building the foundations of ENoLL Open Innovation System

Creating an Open Systemic Innovation Environment for the development of Europe

- Conceptual Framework
- Business Model
- Legal Framework
- ICT Infrastructure
- Family of Stakeholders Communities
- SMEs protagonist
- Citizens empowerment
- Challenge driven collaborative pilots
- Foster the socio-economic growth and the development of Social/Territorial Capital



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Thank you!