European Network of Living Labs
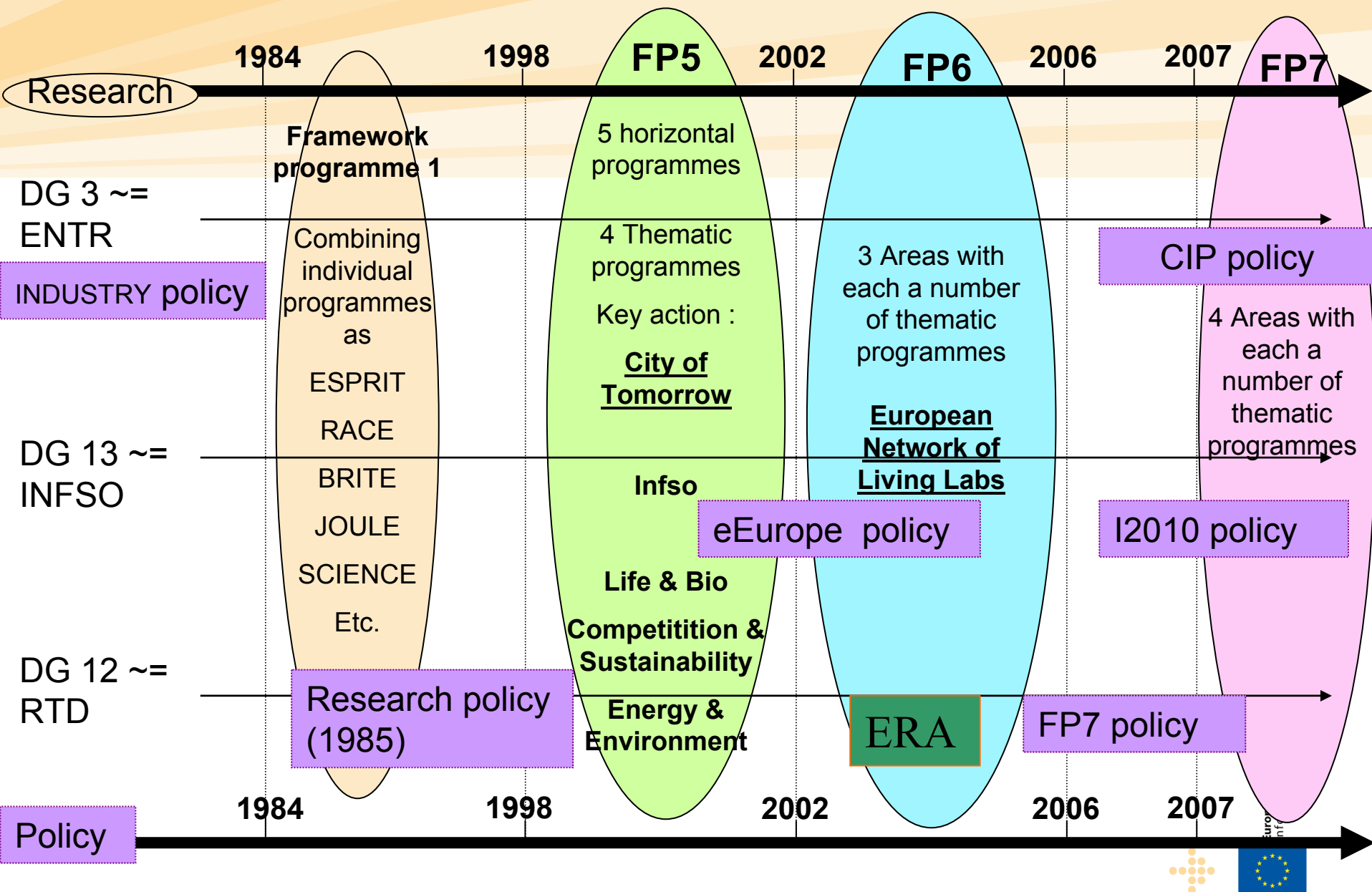
Angelos Ktenas, Ph.D
Senior Policy Co-ordinator Living Labs

New Infrastructures Paradigms and
Experimental Facilities Unit
European Commission

Framework Programmes & Policy

| | 1984 | | 1998 | FP5 | 2002 | FP6 | 2006 | 2007 | FP7 |

Research

DG 3 ~= ENTR

INDUSTRY policy

DG 13 ~= INFSO

DG 12 ~= RTD

Policy

Framework programme 1

Combining individual programmes as

ESPRIT

RACE

BRITE

JOULE

SCIENCE

Etc.

Research policy (1985)

5 horizontal programmes

4 Thematic programmes

Key action :

City of Tomorrow

Infso

Life & Bio

Competition & Sustainability

Energy & Environment

3 Areas with each a number of thematic programmes

European Network of Living Labs

eEurope policy

ERA

CIP policy

4 Areas with each a number of thematic programmes

I2010 policy

FP7 policy

1984   1998   2002   2006   2007

Presence in I2010 policy documents

I2010 Communication and Staff Report 2nd cluster on Innovation
and investment in research, point ii. "Strengthening Innovation and Investment in ICT research to promote growth and more
and better jobs reads :

*"**Developing a European Network of Living Labs in the concept of eWork, providing services of large deployment to the industry, bringing technology test-beds into real-life user environments**."*

I2010 First Annual Report *:*

<u>European Network of Living Labs</u> *and* <u>Collaborative Work Environments</u>*. These bring technology test beds into real life user environments and further develop the concept of eWork as a tool for innovation within the work process*
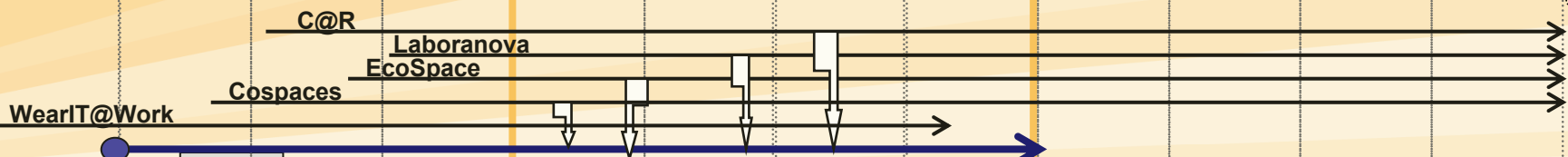
I2010 Second Annual Report

Launch of a European Network of Living Labs, 20.11.2006: The European Network of Living Labs creates a platform where firms, public authorities and citizens can work together on developing and testing new technologies, business models and services in real-life contexts. The ultimate aim is to set up a new European Innovation Infrastructure where users play an active role in innovation.

European Commission
Information Society and Media

Ongoing projects with living labs; core of growth of Living Labs (± 40 Mio €)

FP6

C@R
Laboranova
EcoSpace
Cospaces
WearIT@Work

CA : Corelabs

FP7

Research Infrastructures

REGIO

ENoLL

Fast Track Urban

CIP

Call 1
Budget : 1,5 Mio €
funding for the Living Labs
thematic network for policy

i2010

Annual Report 2006

Annual Report 2007

Annual Report 2008

European Commission
Information Society and Media
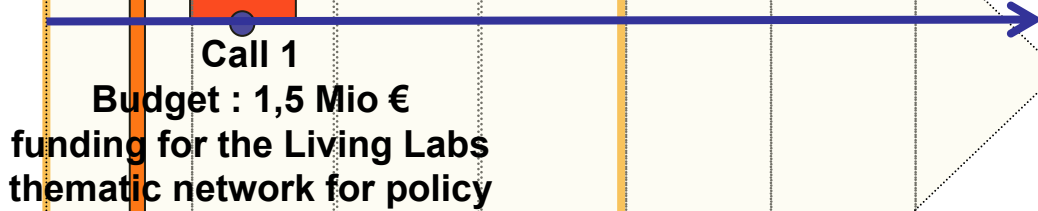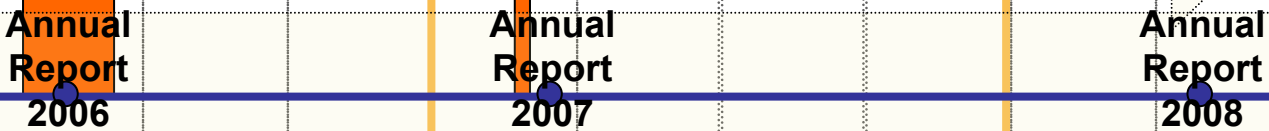
2006   **2007**   **2008**
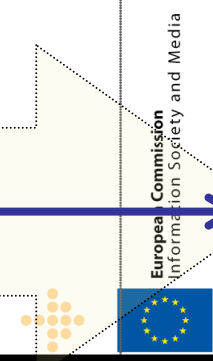
European innovation policy framework

Almost all EU-policy areas have a role to play

I2010
Strenghtening innovation and investment in research

CIP
ICT support programme

FP7
Capacities

Helsinki Manifesto - ENoLL is one of the actions

*"the European Network of Living Labs establishes a European platform for collaborative and co-creative innovation, where the users are involved in and contribute to the innovation process. **This approach should ensure that common methodologies and tools are developed across Europe that support, stimulate and accelerate the innovation process**. The European Network of Living Labs also has a strong regional growth and development impact by facilitating and fostering regional innovation as interlinked with a European innovation system with a global reach."*

Launch of the ENoLL, Nov.2006, first wave, not finalized yet

European Commission
Information Society and Media

Further elements of the European Innovation vision
Helsinki Manifesto – 20/11/2006

1. **Opening EU-wide procurement of R&D for innovation within public services**

2. **Creation of EU-wide standardized and harmonized banking and financial eServices**

3. **European Network of Living Labs as a way to enhance European innovativeness**

4. **Increasing interoperability and creating EU-wide standards and eServices**

5. **Setting up a Strategic Task Force over the presidencies in 2007-2008**

6. **The horizontal programme within the 7th framework programme for EUwide knowledge-intensive service society development**

7. **Enabling working environment**

European Commission
Information Society and Media

What is a Living Lab ?

- Definition

Living Labs are « functional regions » where stakeholders have formed a Public Private Partnership (PPP) of firms, public agencies, universities, institutes and people all collaborating for creation , prototyping, validating and testing of new services, products and systems in real-life contexts. Such contexts are cities, villages and rural areas as well as industrial plants.

Existing Living Labs in Europe

#	Name	Headquarter Location
1	Arc Labs Waterford	Waterford, Ireland
2	Botnia Living Lab	Luleå, Sweden
3	Open Innovation Centre Brussels	Brussels, Belgium
4	Wirelessinfo Czech LL	Litovel, Czech Republic
5	Freeband experience lab	Enschede, Netherlands
6	Frascati Living Lab	Frascati, Italy
7	Györ Automotive LL	Budapest, Hungary
8	Gödöllö Rural LL	Budapest, Hungary
9	Hasselt&Leuven IBBT i-City LL	Brussels, Belgium
10	Helsinki Living Lab	Helsinki, Finland
11	i2Cat Catalonia Digital Lab	Barcelona, Spain
12	Manchester EastServe	Manchester, UK
13	Madeira Living Lab	Madeira, Portugal
14	Mobile City Bregenz	Vorarlberg, Austria
15	Mobile City Bremen	Bremen, Germany
16	Knowledge Workers LL	Munich, Germany
17	Slovenia eLivingLab	Maribor, Slovenia
18	LL ICT Usage Lab	Sophia-Antipolis, France
19	Turku Archipelago LL	Pargas, Finland

ENoLL first wave: starting from 20 Living labs

Living Labs in EU projects

MEUR 40+ Project Portfolio Action IPs & CAs

Collaboration @Rural

* Telefonica
* SAP
* NOKIA
* Philips
* Siemens
*

Laboranova

* SAP
* Fiat / ISVOR
* Danfoss
* Marratech
* Agilience
*

eCoSpace

* HP
* SAP
* Telematica
* Atkins ltd
* ETRA group
* Virtech
*

CoSpaces

* Airbus Cimpa
* The Open Group
* CERFACS
* Frietuna
*

WearIT@Work

* HP
* Microsoft
* SAP
* EADS CCR
* Siemens

CoreLabs - coordination for LL network launch & methodology
NOKIA, IBM, Atos Origin, …

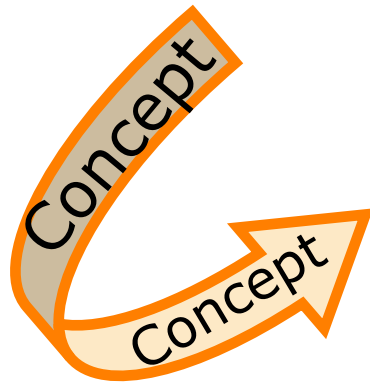**CLOCK** - coordination for LL technology, policy, industry, roadmap
Atos Origin, Alfamicro, NOKIA, …

Developing the
European Network of Living Labs

First Wave:

20 living labs

Initiative ENoLL launched on November 20th, 2006 by the Finish Presidency
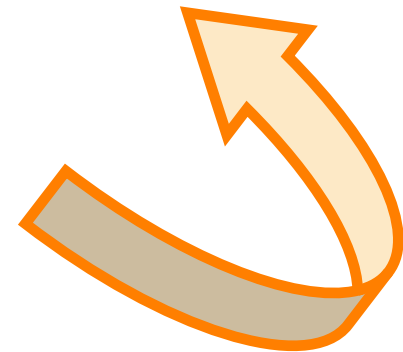
Concept
Concept

Second Wave:

Increase to
35 Living labs in

Finland,
UK,
Ireland,
Germany,
France,
Italy,
Slovenia,
Hungary,
Austria,
Tsech Republic
Spain,
The Netherlands,
Belgium,
Portugal,
Sweden

Third Wave:

Going beyond
50

Thank you for your attention

Further references :

www.openlivinglabs.eu