ceFIMS: Coordination of the European Future Internet Forum of Member States

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FI-PPP – "Building an Eco-System for Delivering
Innovative Future Internet Services and Applications"
Budapest – 13th June 2013

Overview of Presentation

1) **ceFIMS Introduction**

2) **Data Gathering within ceFIMS**

3) **Roadmapping**

4) **Of interest to FI-PPP / FI NTP**

Introduction to ceFIMS

1) **Coordination and Support Action**

2) **Start: September 2010: 30 months (+ to 06/13)**

Introduction: Objectives

1) **Support the Future Internet Forum (FIF)**

2) **Facilitate knowledge-sharing between MS & EU**

3) **Analysis and strategic actions: roadmap, workshops, position papers**

4) **Awareness-raising & outreach**

Introduction: Selected Actions

1) **Data-gathering and Database**

2) **Future Internet Award**

3) **Roadmap**

Data Gathering

Database

The ceFIMS database is a central repository for information on Future Internet research and activities taking place in Europe. Click on the flags to view Member State's information.

The database can also be browsed by topic, as identified in the **Database Tags** diagram shown to the right →

To submit your Future Internet project/initiative to this database, please click here

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Austria

Czech Republic

France

Latest News

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Budapest

ceFIMS presentation at

Database Tags

accessibility broadband business cognitive management content management data mining digital divide e-learning education energy entertainment federation governance health identity infrastructure international Internet of Things IPv6 knowledge transfer media mental health mobile monitoring nanotechnology next

Data Gathering

Hungary

BudapestAR

Online industry trends have been emphasizing consumers demand on virtual communities throughout the last years (eg. Facebook, Second Life). Our mission is to build a real community in the real world with the help of smartphones' technological toolkit. The BudapestAR project is a service that uses smartphone capabilities on highest levels. Consumers get on demand information according to their location, needs and social relations in real time on the go via their everyday widgets.

The technology behind this solution is based on the new technological wave called Augmented Reality that help to embed virtual communities to our everyday life. Featuring the newest technological solutions it has never been easier to reach high volume of consumers with certain information while providing them satisfaction.

Creative Selector

Creative Selector supports the formation of new businesses that use advanced web, mobile and social networks. It allows individuals to share business ideas with other innovators to support the formation of the final business concept and in the promotion to build trust and community.

fullXS

The project aims to develop a content delivery platform for mobile devices optimized for live and recorded video

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Data Gathering

Hungary – Creative Selector

Overall Scope

Key Information

Runs from: Sept. 2010 – Dec. 2011 (15 months)

Website(s): www.creativeselector.hu

Summary

Creative Selector supports the formation of new businesses that use advanced web, mobile and social networks. It allows individuals to share business ideas with other innovators to support the formation of the final business concept and in the promotion to build trust and community.

Objectives

- To support the formation of businesses that use the web, mobile and social media networks
- To provide an "idea" crowdsourcing platform to share information among partners
- To build an active and creative community willing and able to think on new business trends

Highlights

Since its launch in the beginning of September, Creative Selector had over 11 thousand individual visitors, more than 3000 registered users, and 128 project ideas that were submitted and actively discussed. Our users are all over from Hungary and also form the Hungarian speaking communities of the neighbouring countries, mainly from

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Data Gathering

- **Result**

    o More focused information on specific initiatives (easier to see who's doing what)

    o Details on 100+ projects / initiatives and 120 organisations involved in Future Internet research

    o Search *by Member State* or *by topic (keyword)*

    o Feeds into potential synergies report and roadmap

    - *Continuously being updated to form ever more complete picture*

Future Internet Award

... A useful tool for gathering information

Roadmap: The Process

- Aims to identify the key elements of a framework to maximise synergies and support stronger collaboration among Member States, and between EU and Member States, in their initiatives and investments in Future Internet research.

- Roadmapping process has been an iterative one, a number of documents, workshops, engagement with stakeholders, FIF accompanied by analysis (identification of potential synergies)

- Process has engaged key stakeholders: European Commission, Member States, policy-makers, funding agencies and research performers.

Roadmap: The Process

- Shone a light on the wide range of FI initiatives being undertaken at Member State and regional levels throughout the EU. Member States can now easily access information and form a picture of what is happening in other Member States.

- Easy access to information has significantly improved the chances of collaboration: Member States are discussing real collaboration opportunities

- A journey. Not a destination! As the destination changes, so too will the roadmap

Roadmap: Topics and Mechanisms

- Starting Point: Look at the database

	Applications/ Services	Transport/ Communications	Infrastructure	Security/ Other
Percentage of Total	55%	22%	15%	9%

- Round of detailed contacts with individual FIF members during 2012 to identify Member States that are active in particular research topics and interested in collaboration. Member States asked to prioritise those topics in which it had an interest and where collaboration might yield benefits.

Roadmap: Topics and Mechanisms

- More depth to the picture

Topic/theme			
Infrastructure	**Services & smart applications**	**Mobility & IoT**	**Security**
Czech Republic	The Netherlands	Norway	United Kingdom
Ireland	Hungary	Ireland	Czech Republic
Poland	United Kingdom	The Netherlands	Poland
UK	Spain	Hungary	Ireland
Hungary	Norway	United Kingdom	Romania
Belgium	Poland	Poland	Hungary
Austria	Ireland	Greece	Greece
Israel	Romania	Turkey	Turkey
Turkey	Belgium	Switzerland	Israel
Italy	Greece		Cyprus
	Cyprus		Austria
	Switzerland		

Roadmap: Topics and Mechanisms

- Focus has shifted to narrowing the research topics to those where collaboration is possible in the short to medium term.

- 'Communities of Interest' emerging: multiple streams:

  - A group of Member States (UK, Finland, Sweden and Netherlands) focusing on possibilities in the Internet of Things and Open Data domain. Questionnaires now to select specific research topics within these domains

  - Collaboration around specific end-use applications such as for example, at FIF meeting in Warsaw, two areas were introduced for possible coordination among the MSs: - the Internet of Things for Harbours and ICT for Agriculture.

Roadmap: Topics and Mechanisms

- 'Start small', focused approach on a given theme offers one of the most promising ways forward.

- This 'low key' contact has the potential to develop into a sustainable and useful series of collaborations and 'light' collaboration over time, has the potential to lead to more 'heavy' coordination

- The methodology (focused workshops, data exchange, bilateral supported dialogue) which led to these tentative discussions, can be reproduced to deliver additional communities of interest / collaboration cohorts.

- In parallel, other mechanisms looked at:

Roadmap: Topics and Mechanisms

- ERA-NET+

- Joint Programming

- FET Flagship Initiatives

- Ad hoc Agency Collaboration

- FI-PPP (focus here)

- Plus other initiatives
  - Living Labs
  - Smart Cities

Roadmap: The FI-PPP

- Recall contacts with FI-PPP

- First steps ..workshop with EX-FI Coordination Action (09/2010)

- INFINITY – Concertation Board task (Willie)

- Regular presentations from INFINITY to FIF

- Information sharing

- Channel to FIF (for infrastructure survey)

- Presentation at Infinity CB at FIA

- .. And today

Roadmap: The FI-PPP

- A Few Specifics....
- Raise awareness of the FI-PPP to national policy- and decision-makers throughout EU Member States (National FIF Chapters)
- Consider the creation of similar national or regional R&D programmes related to FI-PPP to boost national players onto this European field. (E.G. - A new EC Communication to develop national and regional FI-PPP programmes funded by Structural Funds or national resources to give a spur to this effort.)
- Pilot projects would also speed up the involvement of FI-PPP model in the innovation system of the Member States and help to localise the FI-PPP approach.

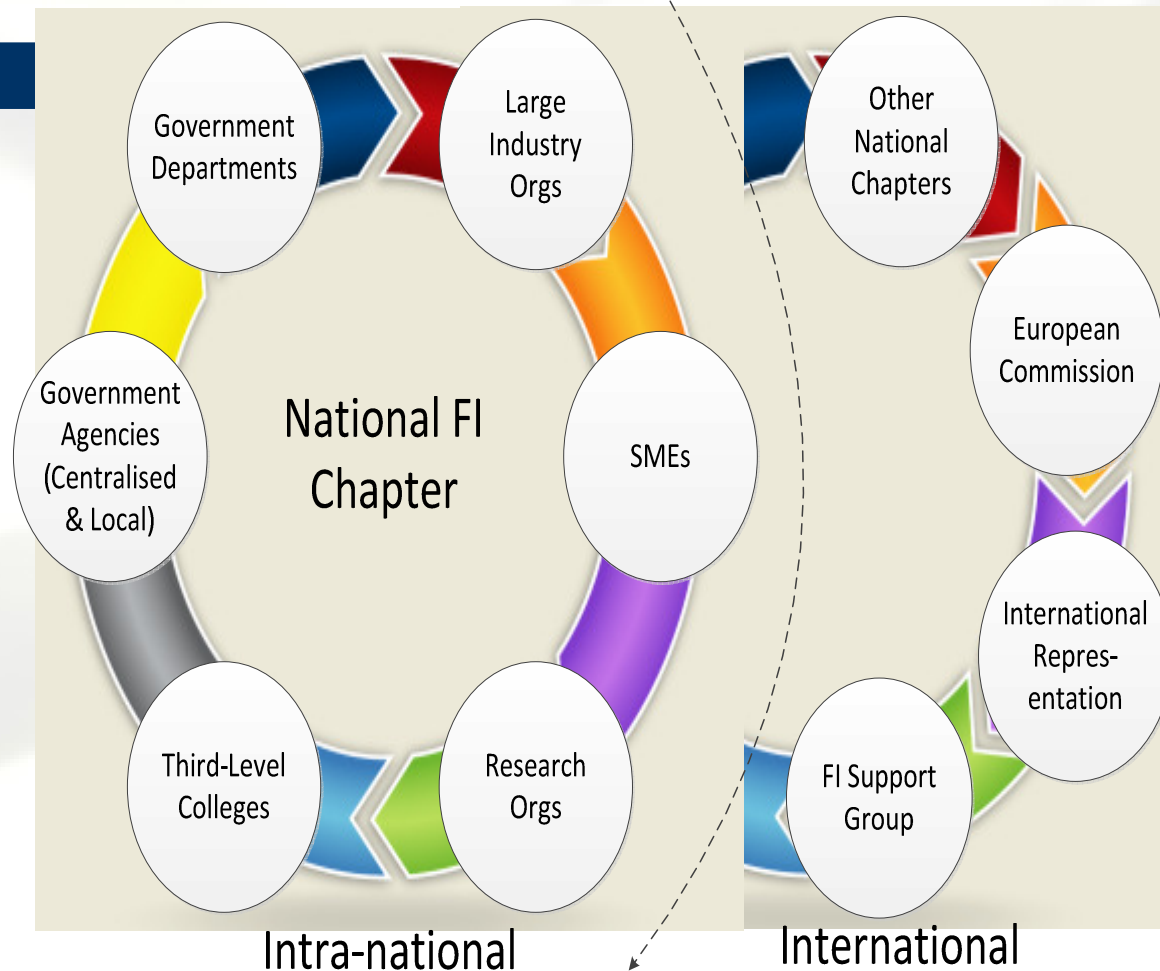# Roadmap: Key initiatives to support MS and FI-PPP interactions

- Institutionalising the role of National FIF Chapters

- Help FIF members to engage with their national stakeholder community and reach out to national and regional players?

- Creation of National FIF Chapters reflecting and aligning with their respective national institutions. Points of contact / ambassadors in their own Member State for FI.

- National FIF Chapters, will bring together national stakeholders responsible for Future Internet policy making, funding and roll-out plus industry and academia

Roadmap: Key initiatives for the future

- National FIF Chapters could be a useful vehicle to support greater engagement of national industry (particularly SMEs) in the FI-PPP (in particular utilisation of infrastructures)

- National FIF Chapters can act as a bridge between the Member State stakeholders and European-level research (incl. FI-PPP) in the Future Internet domain.

- National Chapters can provide an effective means to communicate the views of National and Regional stakeholders to these international level initiatives resulting in a greater synergy between Future Internet planning and investment at National and European levels

Roadmap: Key initiatives for the future

Roadmap: THE FI-PPP: The Discussion

- The FI-PPP offers a new added dimension for Member States to consider in fixing their national FI investment strategies and in particular, to see how Member State investments can complement FI-PPP infrastructures.

- Member States can play a useful role in facilitating and supporting end-users in utilising the ICT infrastrucutres offered by the FI-PPP (esp. through National FIF Chapter)

- Reach to SME can supported innovation and new businesses / business models

- Testbeds and Living Labs

Roadmap: THE FI-PPP: The Discussion

- Information, Information, Information!

- Continue our engagements.

- Channel of information between both 'communities' (maybe one and the same) to be maintained and developed

- Focus of discussion is:

  – How can FIF / Member States support / invest in what the FI-PPP has to offer? (question for Member States and INFINITY)

  – How can Member States promote end user / SME involvement in FI-PPP?

ceFIMS

Thank You.

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