



Objective ICT-2013.1.3 *Digital Enterprise*

FP7-ICT-2013-10

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ICT Proposers' Day 2012

Digital Enterprise (Obj 1.3)



Enhanced business processes
New forms of business relations and business models

Future Internet PPP (Obj 1.8-1.9)



New economic models
Cooperation between people, business assets, ...
Supported by smart components

Target (also)
web entrepreneurs
Applications/services for sensing enterprise

Making the world 'smarter'.1
and accelerate sustainable innovation
Making Europe a world leader.2
in Future Internet technologies

Collective Awareness Platforms (Obj 5.5)

extended awareness of social world, environment and consequences of our actions

Harnessing concepts from

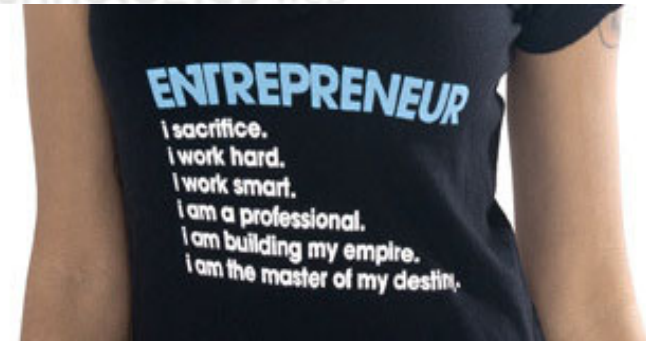
- IoT - collecting data from environment
- Social networks - interaction
- Wikis - coproduction of new knowledge



Web Entrepreneurs (FI-PPP Call 3)

Small actors to build services and applications, e.g. SMEs, start-ups, geeks...

Stimulate Web entrepreneurship





ICT-2013.1.3 Digital Enterprise

New forms of Enterprises
Extensive connectivity of digital assets
Enhanced business processes through
sensing capabilities

Budget

a), b): STREP: EUR 15.30 million

c): One CSA: EUR 0.70 million





a) New Models for the Digital Enterprise (1)

- *new forms of business relations with valorisation of digital assets, big/public data*
- *supporting extended, virtual or agile enterprises in the Future Internet*

Research Targets: *innovative concepts, methods, architectures, systems and business models for new digital enterprise systems, including web entrepreneur businesses.*





a) New Models for the Digital Enterprise (2)

Material and immaterial components, e.g. tweets, personal assistants, crowd-sourcing knowledge, natural interfaces, etc.



Cooperation between people, business assets, devices, resources and services





b) Applications for the *Sensing Enterprise*

Development of applications services and solutions for the "Sensing Enterprise"

....sensors, tags, intelligent agents, smart objects...



- continuous awareness and improvement of business operations*
- new business trends and models not possible otherwise.*



STREPs

Purpose: Objective driven research more limited in scope than an IP

Target audience: Industry incl. SMEs, research institutes, universities

Typical duration: 18-36 months

Typical consortium: 6-15 participants

Total EU contribution: €1-5m (average around €3m)

Fixed workplan and fixed partnership for duration



c) Support Action for Internet-based Enterprise Innovation

One CSA

Technology/Research road mapping with enlarged scope

Research coordination – connect to new actors

Policy activities – connect to the wider aspects of ICT policy



Accelerating new forms of Internet-based Enterprise innovation



Net Innovation, Horizon 2020



Expected Impact

- *New models of business*
- *Cooperative networking*
- *Entire lifecycle*
- *Enabled by sensing capabilities*
- *Take-up and use by European businesses*
- *Increased flexibility and productivity*





Towards Horizon 2020

A bridge between FP7 and Horizon 2020

Integrated approach between research and innovation with a focus on impact

Preparatory phase for the new initiatives to be launched in 2014.

*Therefore the proposals should place particular emphasis on **take-up / exploitation***





Find out more...

The domain:

- cordis.europa.eu/fp7/ict/enet/ei_en.html
- fines-cluster.eu

Sensing enterprise concept:

FInES Workshop at FIA Aalborg, 9th May 2012: Sensing enterprise panel

- fines-cluster.eu/fines/jm/fines-workshop-in-aalborg-on-may-9th-2012-agenda.html

FInES Research Roadmap 2025

- fines-cluster.eu/fines/jm/FInES-Task-Forces/fines-research-roadmap-task-force.html

Future Internet:

- fi-ppp.eu
- ec.europa.eu/foi

Collective Awareness Platforms

- ec.europa.eu/information_society/activities/collectiveawareness/index_en.htm

Web Entrepreneurship

- cordis.europa.eu/fp7/ict/netmedia/webentrepreneurs_en.html

EC funding opportunities and pre-proposal check form:

- <https://ec.europa.eu/research/participants/portal/page/home>

