ITEA Community session

Digital Innovation Forum – 11 May 2017
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Open innovation

“Open innovation is the use of purposive inflows and outflows of knowledge to accelerate internal innovation, and expand the markets for external use of innovation, respectively.

[This paradigm] assumes that firms can and should use external ideas as well as internal ideas, and internal and external paths to market, as they look to advance their technology.”

*Henry Chesbrough, Open Innovation: Researching a New Paradigm (2006)*
Open innovation
Principles

- Smart people not in one company
- External R&D creates significant value
- Building business model is a key action
- Best use of internal and external ideas
- External innovation may increase profit
- Profiting from trade of IPs
Innovation ecosystem

Chaos theory
Innovation policy
Soft aspects

- Smart Infrastructure
- Quality of life
- Cosmopolitanism
- Talented human capital
- Creative cultural
- Trust
- Identity
- Diversity
Innovative communities

- Organisational proximity
  - Coordinate interactions and collaborate with each other
- Cognitive proximity
  - Ways of thinking
- Communicative proximity
  - Professional language
- Functional proximity
  - Expertise in different industries
- Cultural proximity
  - Cultural habits and virtues
- Geographic proximity
  - Distance between actors
- Social proximity
  - Trust-based social relations, such as friendship
ITEA
Global village

- Open and strong community with large industry and SMEs
- Strong and trustful relationship with the Public Authorities of the funding countries
- Focus on supporting the projects to maximise their impact
- Industry-driven project ideas based on customer needs
- High hit rate for project consortia

Innovation
Business impact
Fast exploitation
Seizing the high ground
Happiness
Butterfly impact of ITEA
ITEA Impact stream

Concept

- Main elements:
  - Describing key global challenges
  - Highlighting the impact of successful projects
  - Tagging country and partner involvement

- Each project impact story focusses on
  - Project results
  - Exploitation
  - Impact highlights

- It will be a living document as:
  - An online tool
  - A printed publication that can be complemented by new stories over time
ITEA Impact stream

Imagine arriving at one of the airports that sense the trajectory of your flight and predict your journey to the terminal. Smart Manufacturing: Real-time control of production lines across industries. Smart Cities: Optimized urban planning and resource management. Project results. Exploitation. Impact highlights.

SEAS
Smart Energy Aware System

AVANTI
virtual commissioning test methodology gets a competitive edge
Open communication
Interactivity

Project Idea Tool

Events

ITEA web site
Thank you for your attention