



# Innovating in (eco)<sup>2</sup> design or 7D innovation

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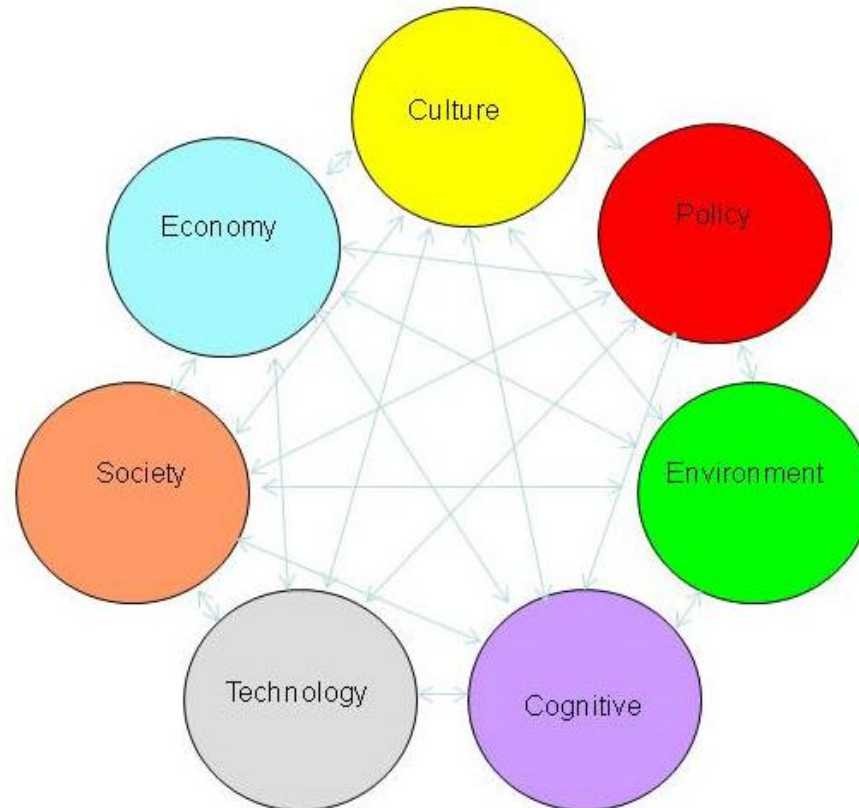
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<http://innovation-ecosystems.eu>

# Impacts to consider (7D)



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# Industrial renewal –why?

- Growth and jobs...
- Technology (IoT, IoS...)
- Digitalisation of industry
- Relocation-in? lost know-how?

# Challenges for successful Industrial renewal

- Addressing the real needs
- Based on talents, know-how and opportunities
- Innovation e-co-systems
- **Objective:**
  - sustainable success of all participants (tangible and intangible)
  - Planet protection



# Convergence Eco-design



4P Factory/ Eunika Mercier-Laurent

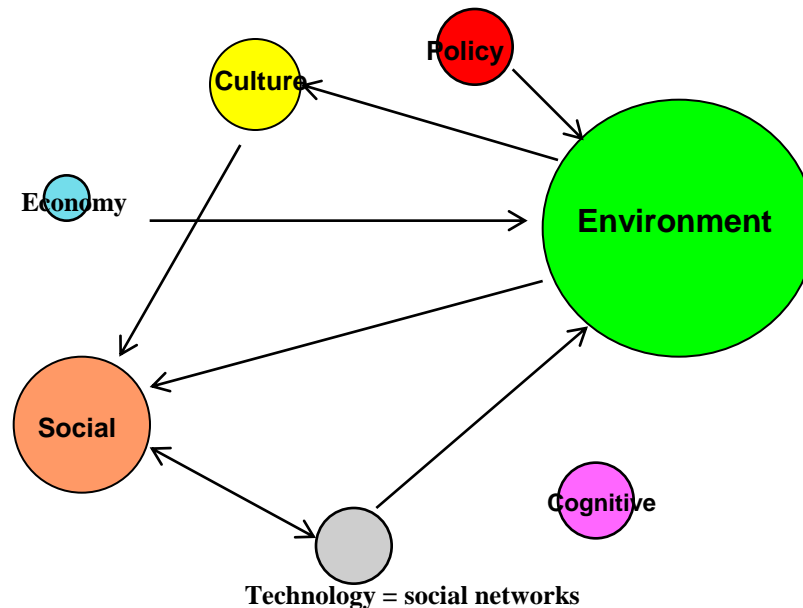


# Project objectives

- Help integrating environmental aspects into design and related activities
- Education of new attitudes
- Simplify sustainability

# Initial situation

- Focus on sustainability aspects in product lifecycle and communication (1D)

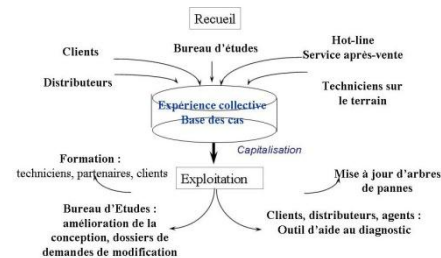


# To improve

- Economic impact of innovation



- Smart Technology and Knowledge flow





# Smart eco-assistant

- For and with designer's & SME
- Connecting 3 management levels
- Feedback flow
- Simulation of impacts
- Game – training and assistant

# Results and future work

- Awakening about eco, capacity of technology and role of knowledge in the speed of innovation

## To do

- Serious game
- KPI > SKSI

# Conditions for balance and success

- Capacity of thinking (without borders, forward, system, holistic, ...)
- Managing all related knowledge (flow)
- Measuring the progress (SKSI)
- Fun & wellbeing
- Biomimetics but connected with natural eco-systems

# Link with 4P Factory (of ideas)

- **Participative** – all participants of the e-co-innovation
- **Predictive** – using knowledge, experience to invent the future
- **Preventive** - RT feedback and KB of practices
- **Personalized** – solutions tailored with users/clients

# Questions & comments