

FI – PPP between provider "technology push" and user "application pull" A key role for Human and Social Sciences

Fabrice Forest
Umanlab – Grenoble University

fabrice.forest@umanlab.eu

Usage areas which will benefit from FI-public-private partnerships:

- Smart grid
- Environment
- Mobility
- Logistics & supply chain, etc.

Information systems fed by data bases and sensor/actuator networks:

- Decided and deployed by diverse regulatory and industrial bodies
- Exploited in a variety of business ecosystems
- Operated by multiple public or private organisations
- Large scale

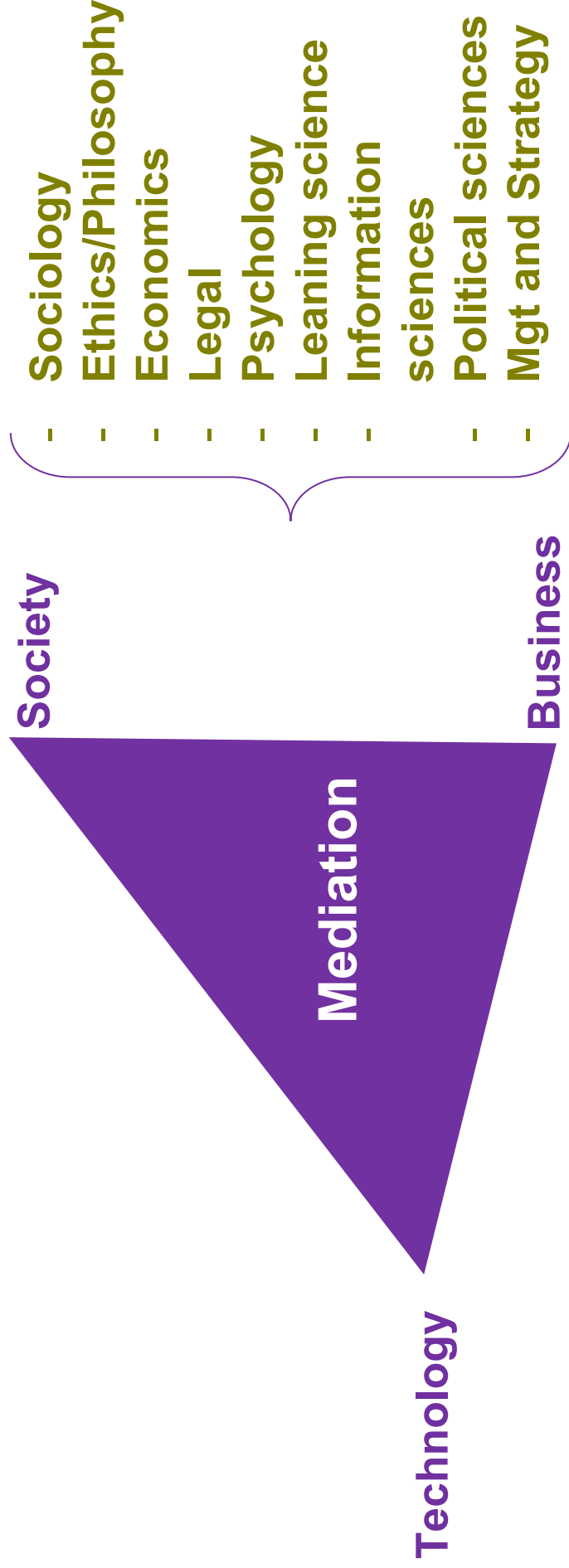
Such large scale FI application scenarios involve understanding :

- Complex individual and community behaviours + societal trends
- How usages could switch to new behaviours, and what the incentives are
- Motivations and cooperation means amongst public stakeholders
- Relationships between public authorities and private/industrial organisations
- How to arbitrate/regulate the roles of a variety of public and private entities

Experimentation environment for large scale testing of the platform to be developed in these usage areas

- **Pan European interconnected “living labs”**
- **Featuring at large scale:**
 - industrial stakeholders,
 - technology research centres,
 - public authorities
 - and Human/Social/Economics research labs...
- **Realistic experimental environments to observe, analyse and optimise:**
 - societal trends and usages,
 - rationales of business ecosystems
 - the public and private organisational logics
 - FI-enabled networks of innovative applications

The mediation role of Human and Social Sciences « to ensure an appropriate application driven approach »



“technology push” ↔ user “application pull”