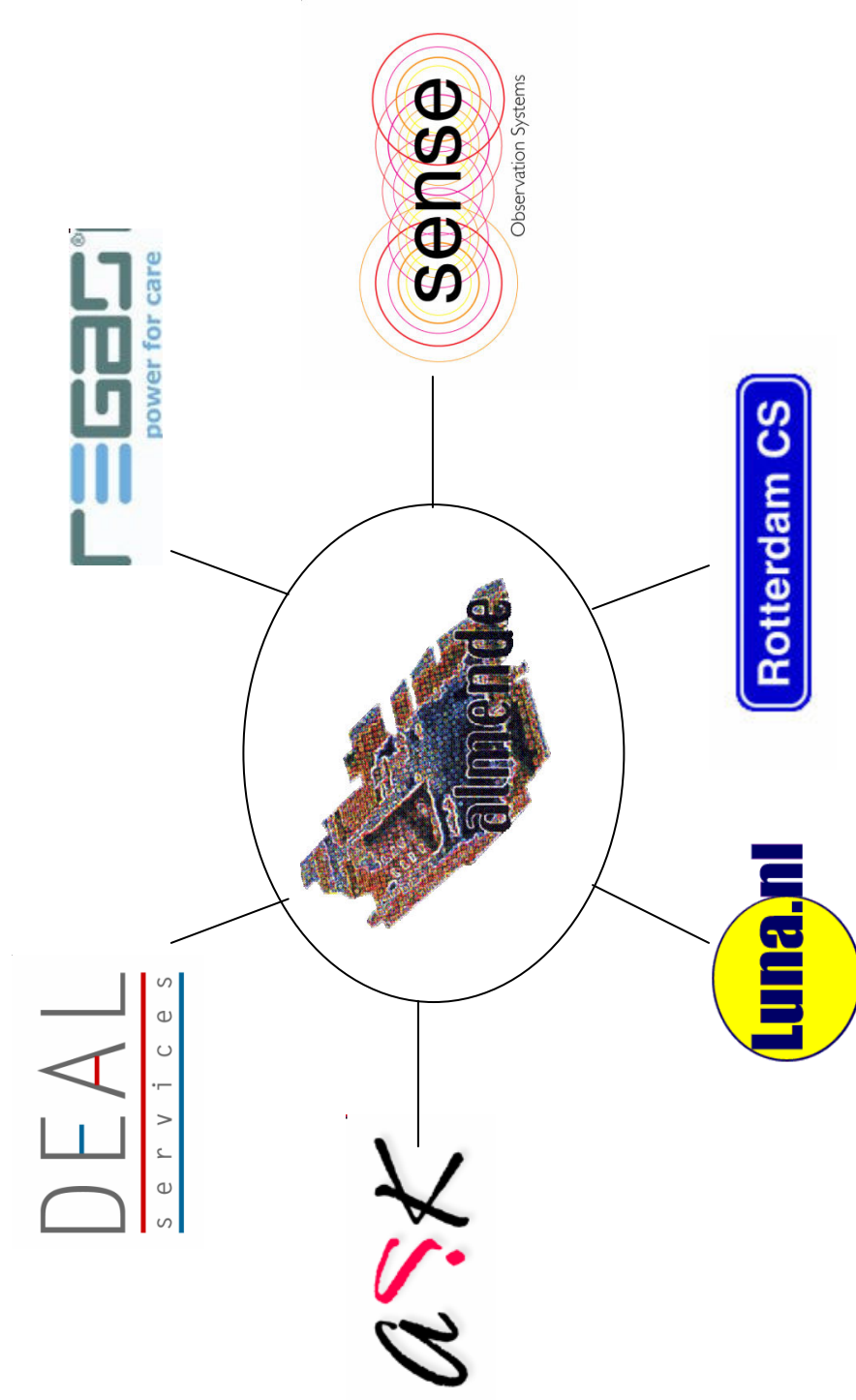




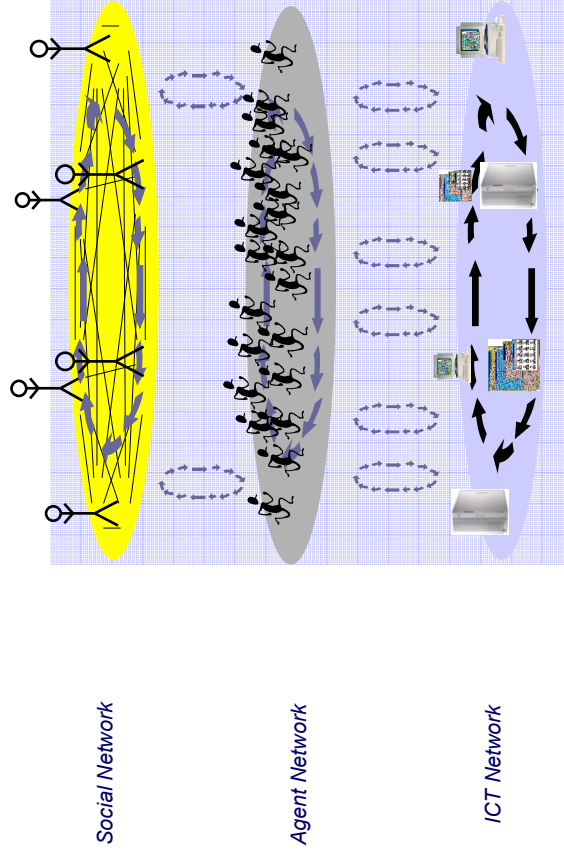
Almende – Overview





Almende – Vision

- Holistic perspective on society, supporting applications, services and infrastructure
- **The heart of the future internet should be built upon principles of self-organization**
 - Learning, feedback and escalation mechanisms at *all levels*
 - Always think hybrid: the *human in the loop*
 - Inherent non-predictable diversity → *indirect* control mechanisms





Almende – Contribution

- Example scenario: The smartphone as your *personal agent* for the future internet
 - context-awareness through sensor technology (with learning abilities)
 - highly improved communication, transaction and negotiation support
 - self-organizing networks of people and entities
 - IaaS → PaaS → SaaS
 - potential domains: transport / logistics, care / health, finance, public
- Our role (SME):
 - **applied research**
 - Various domains (software & language engineering, wireless sensor networks, energy-saving technology, virtualization technologies, AI, robotics, ...)
 - Past and current involvement in EU projects: FP6, FP7, ITEA2
 - **experimental development**
 - Hybrid MAS, cloud services, sensor technology, embedded software, ...
 - **case study provider**
 - Facilitated through daughter companies