



SAPERERE

Self-Aware Pervasive Service Ecosystems

EU STREP Project – Oct 2010-Sept 2013

FET Proactive Initiative on Self-awareness in Autonomic Systems

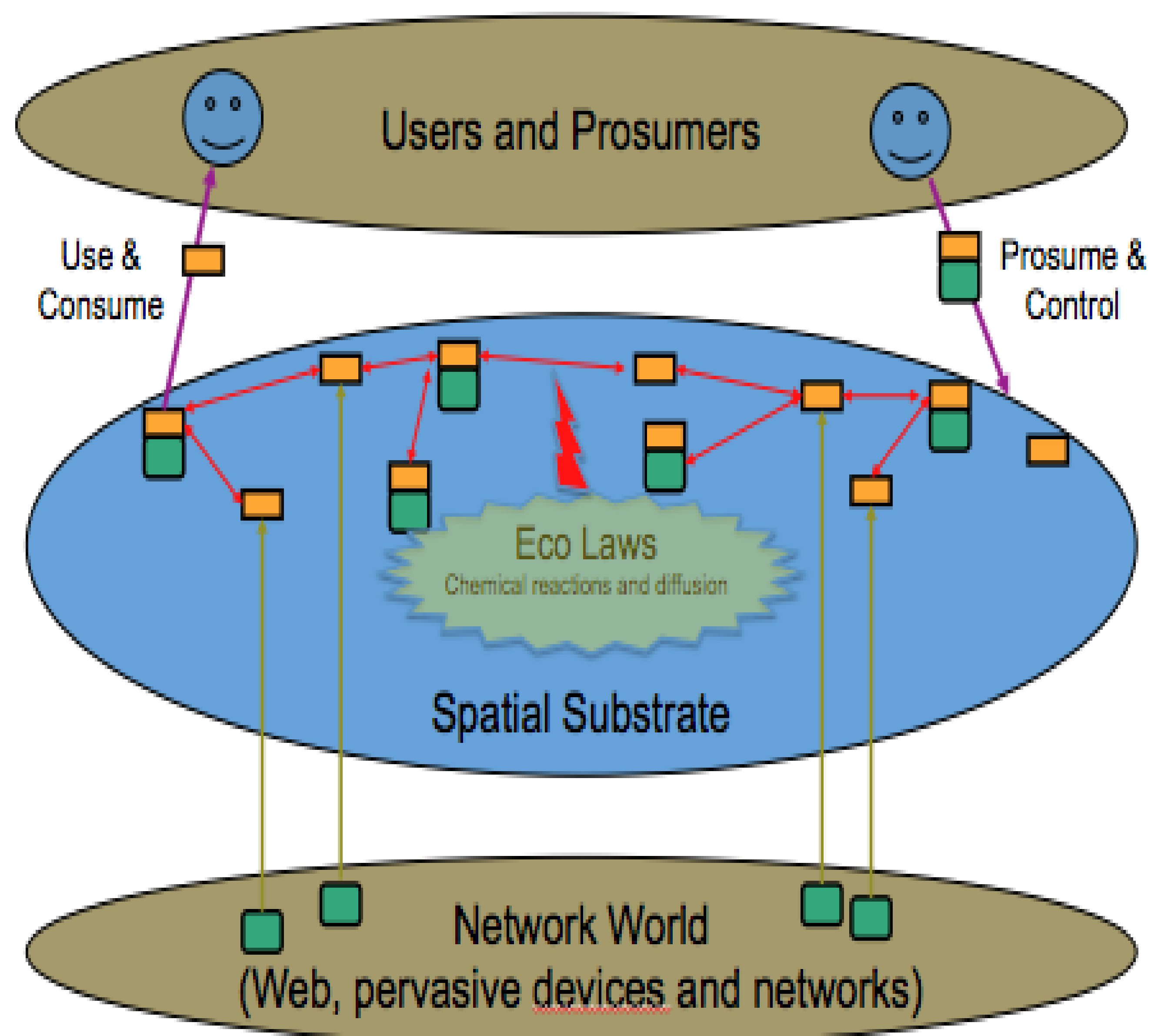
WHY?

- Emerging pervasive computing services call for spatial awareness, self-adaptivity, evolvability
- Current proposals are one-of solutions to specific problems not general ones



WHAT?

- A fully-fledged innovative theoretical and practical framework for developing, deploying and executing pervasive services
- Model, Algorithms, Middleware, Applications



HOW?

- A nature-inspired ecosystem laid on a spatial substrate
- Biochemical coordination based on simple set of "eco-laws"
- Live semantic annotations for adaptive interactions

WHERE?

- Ecosystem of pervasive interactive displays – the testbed
- Crowd management (crowd steering, crowd perception, and pervasive crowdsourcing) – the use cases

WHO?

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