

A New Generation of Components and Systems: SSH/RRI in

ICT 2: Smart System Integration

ICT 1: Smart Cyber-Physical Systems

- Henri Rajbenbach - DG CONNECT, A.4 Components

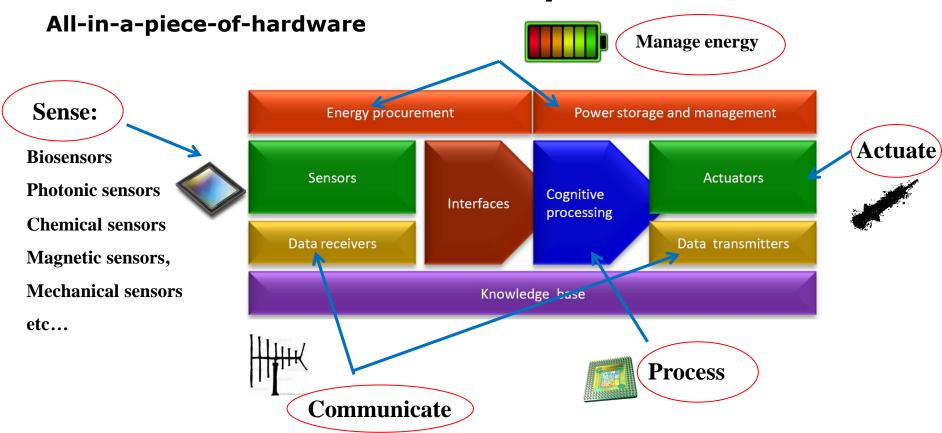


Outline

1.	What are Smart Systems?	2 slides
2.	What are Cyber-Physical Systems?	1 slide
3.	Funding opportunities for SSH expertise and RRI actions	
	ICT 2	2 slides
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4.	Want to know more? Brokerage event 11-March BXL	1 slide



What is a Smart System?

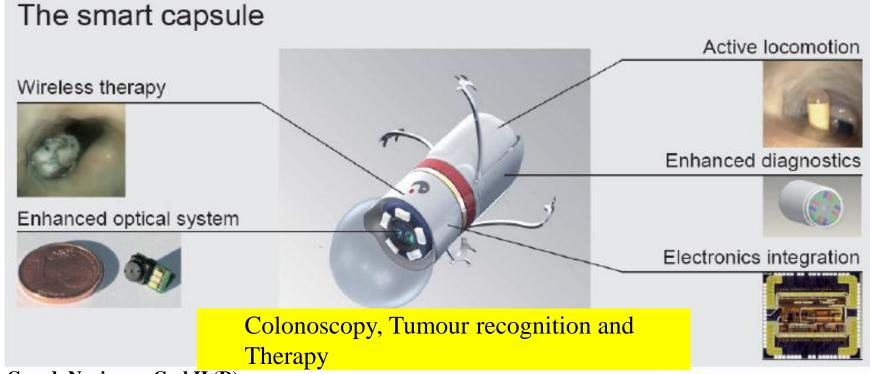


+ Small, Manufacturable, Cost-effective!



A smart system example: Medical capsule



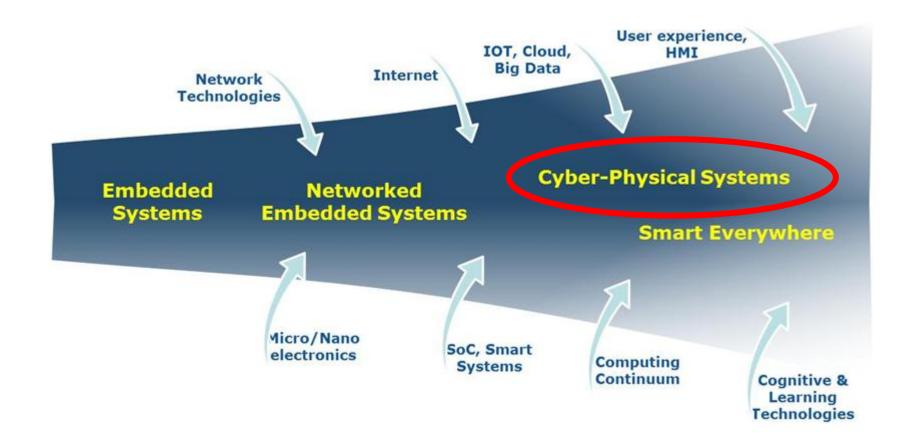


Coord: Novineon, GmbH (D)





What is a Cyber-Physical System?







ICT2 – Smart Systems: Funding opportunities for SSH expertise and RRI actions?

Research & Innovation

ICT2.a. Application specific smart systems

"Address the synergy between biotech and nanoelectronics"

- Health / well-being applications of smart systems
 - Addressing issues of end-of-life, recyclability
 - Ethics issues addressed in individual R&I projects
- Expected Impact: will address opportunity in addressing societal challenges also in Environment, Food/beverage quality and Safety
- Public/citizen engagement is expected

SSHIPRI embedded

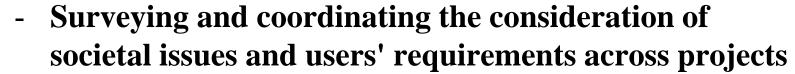


Funding opportunities for SSH expertise and RRI actions?

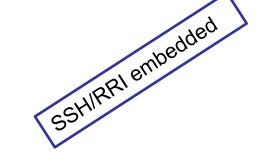
Coordination and Support Actions

ICT2.d. CSAs expected on:

- Networking / clustering / roadmaps



- Training / Conferences







ICT1 – Cyber-Physical Systems: Funding opportunities for SSH expertise and RRI actions?

Innovation actions

ICT1.b.: Towards a "Smart everywhere" society

Scope calls for:

New paradigms, concepts, platforms for Cyber-Physical systems –

→ It includes:

Social Sciences and Humanities activities

SSHIRRI embedded





Want to know more on ICT2?

Come to the Brokerage Event Brussels Tuesday, 11 March 2014 10h00 to 16h00

https://ec.europa.eu/digitalagenda/en/news/brokerage-eventarea-smart-systems-integration