



**European Week of Regions and Cities**

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**What is it all about and what is behind  
the paperless processes**

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# Growing Information Society!

## Ubiquitous, service-centric

### Car/Railway



### Mobile



### Office/Factory



Personal Information

Web 2.0, 3.0 (virtual environments, collaborative communities, semantic web...)

Public expectation



### Home

Map Information



### Outdoor

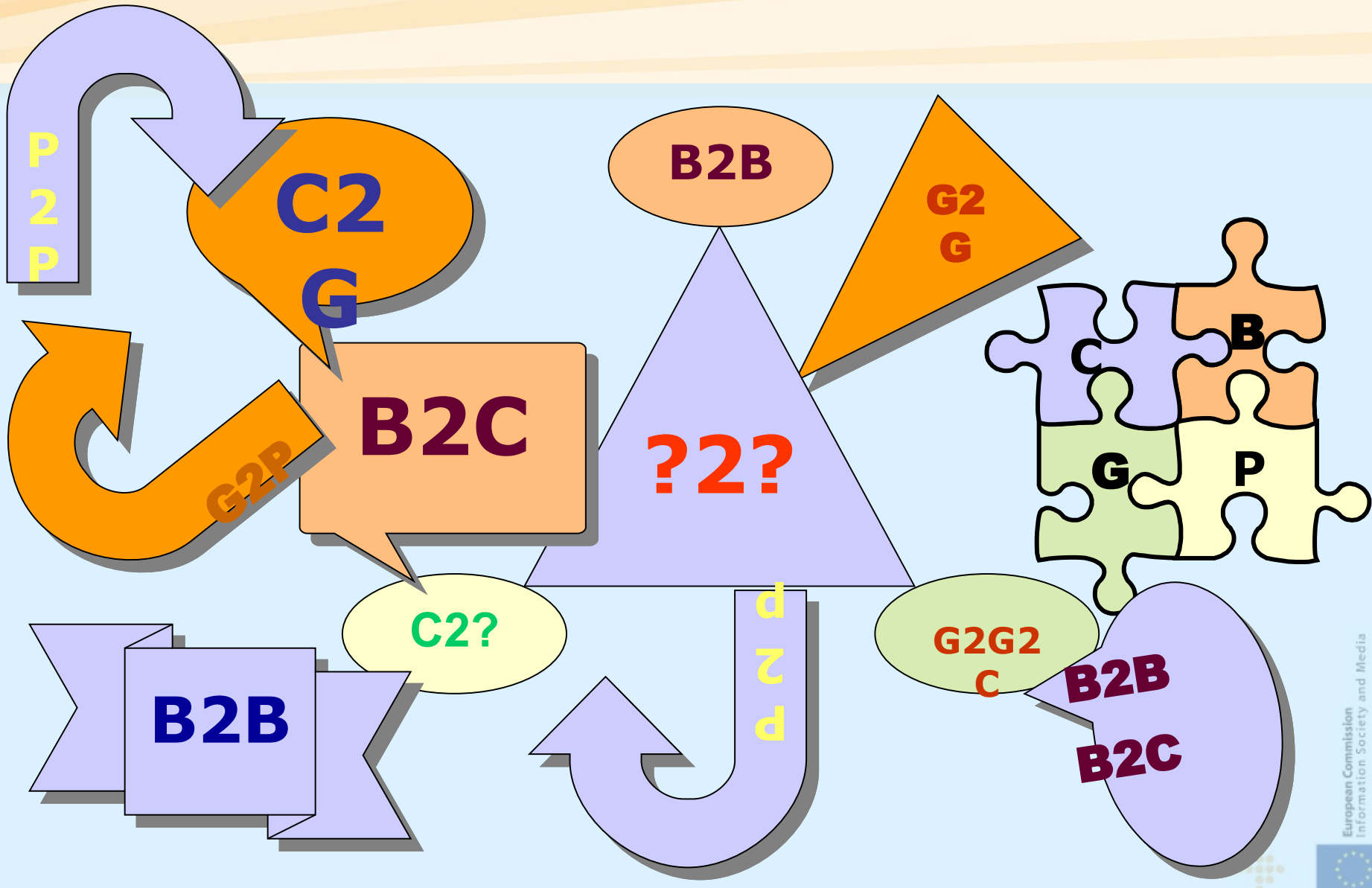
Digital contents



### Street/Shop



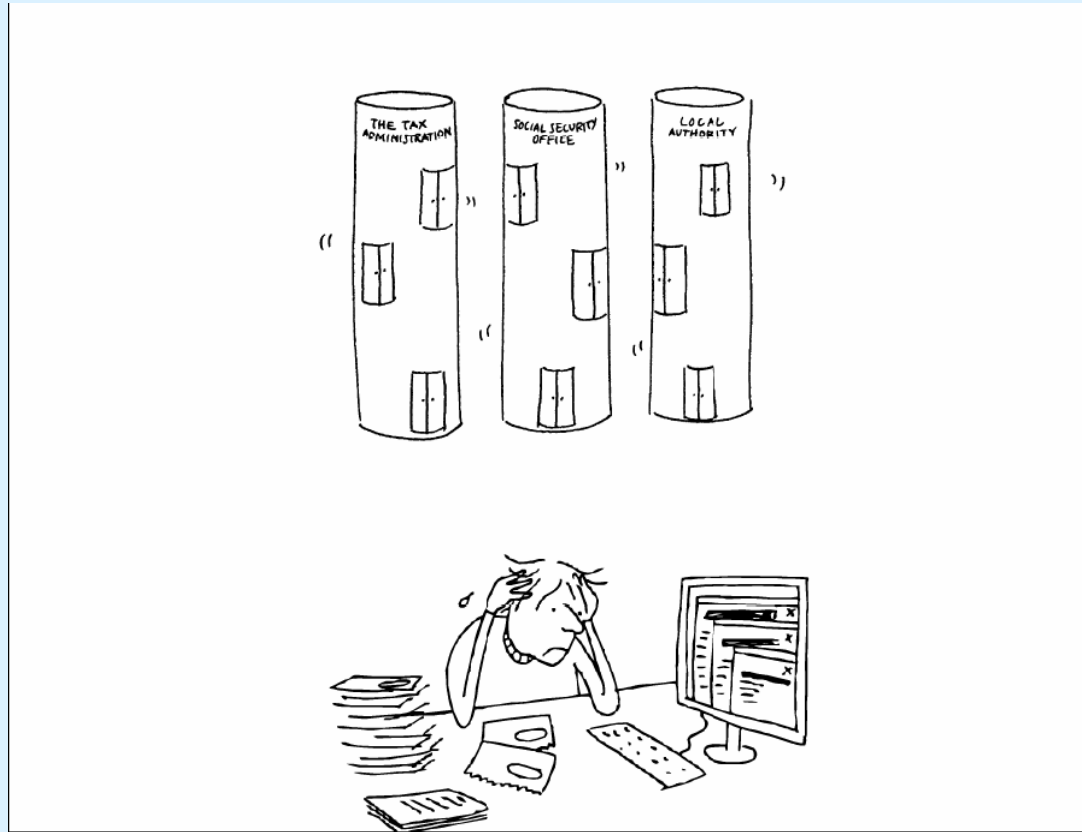
# Transactions in the Information Society fast moving - unpredictable - incomprehensible?



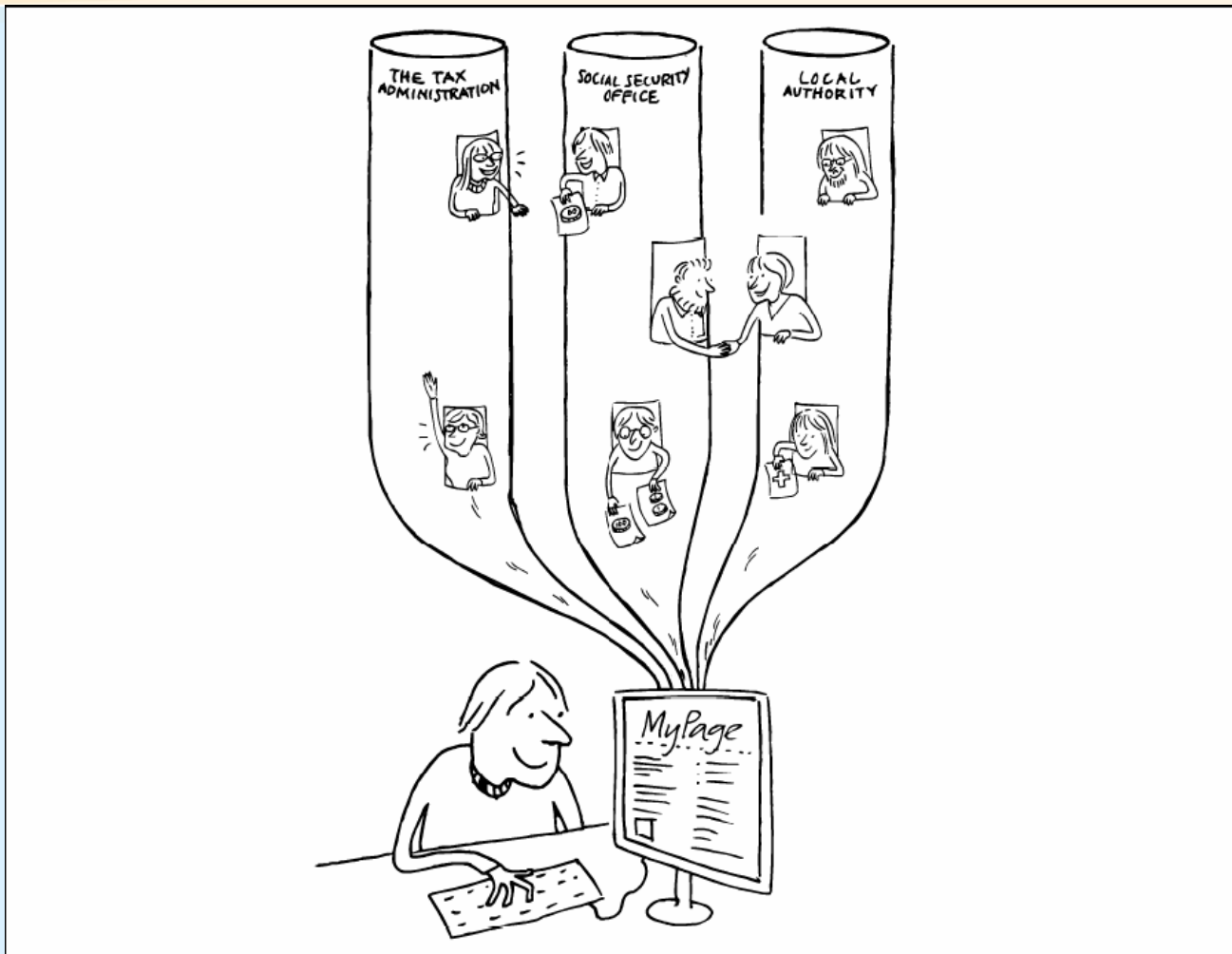
# The paperless office



# eGovernment – silos of information (1)



# eGovernment – silos of information (2)



# The role of Government in the process

- To stimulate the take up of electronic workflow and paperless transactions in the economy, through RTD, deployment support, ...
- To play its part as important multi-layered organisation in deployment and be exemplary
- To foresee and guide longer term developments
- To stimulate standardisation, interoperability
- To regulate if needed



# Getting the balance right



*Security and costs*



*Customer experience*

*Effective public services*



*Safeguarding privacy*

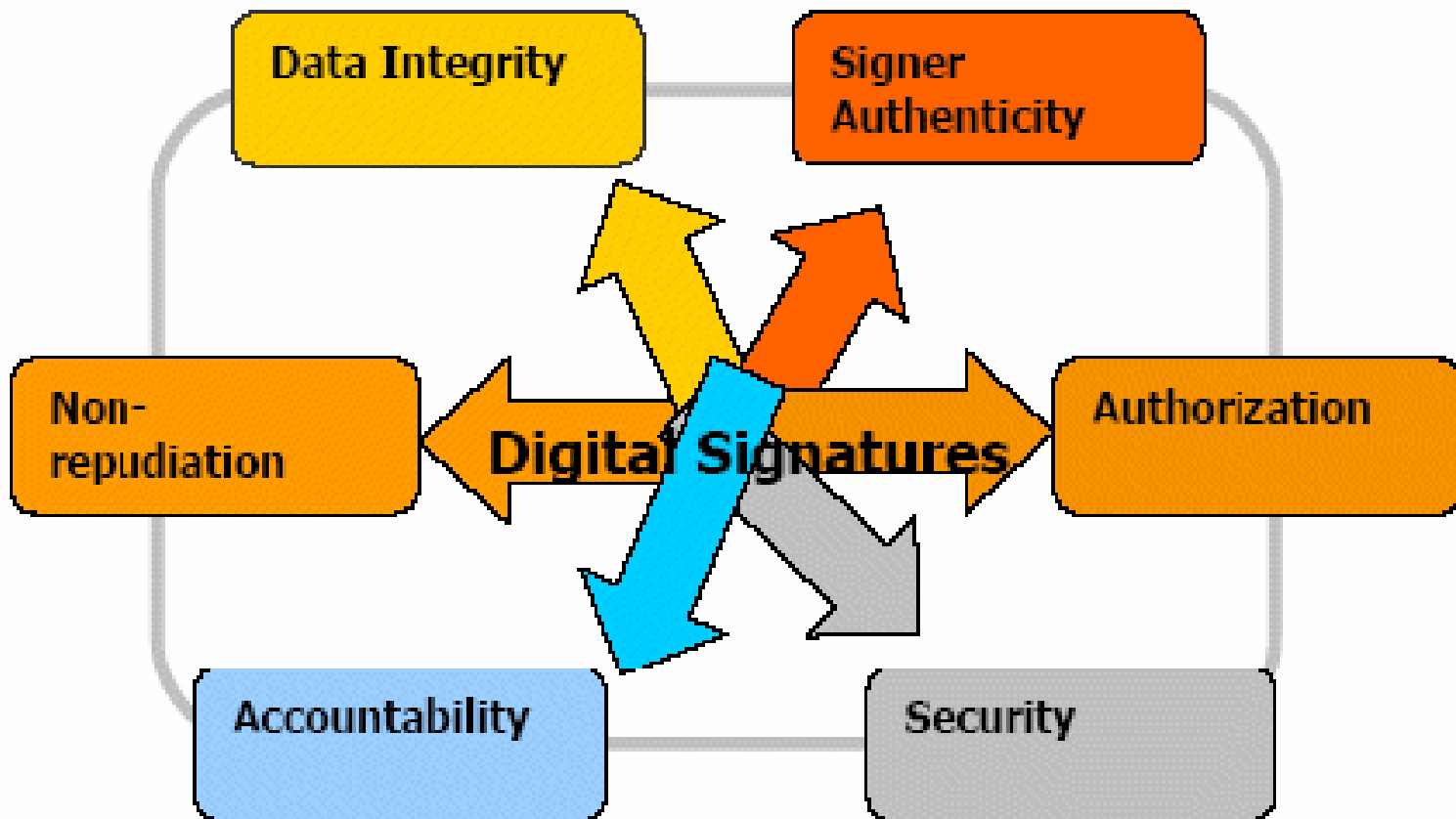
*Benefits to the State*



*Benefits to individuals*



# An Example: Digital signatures security targets

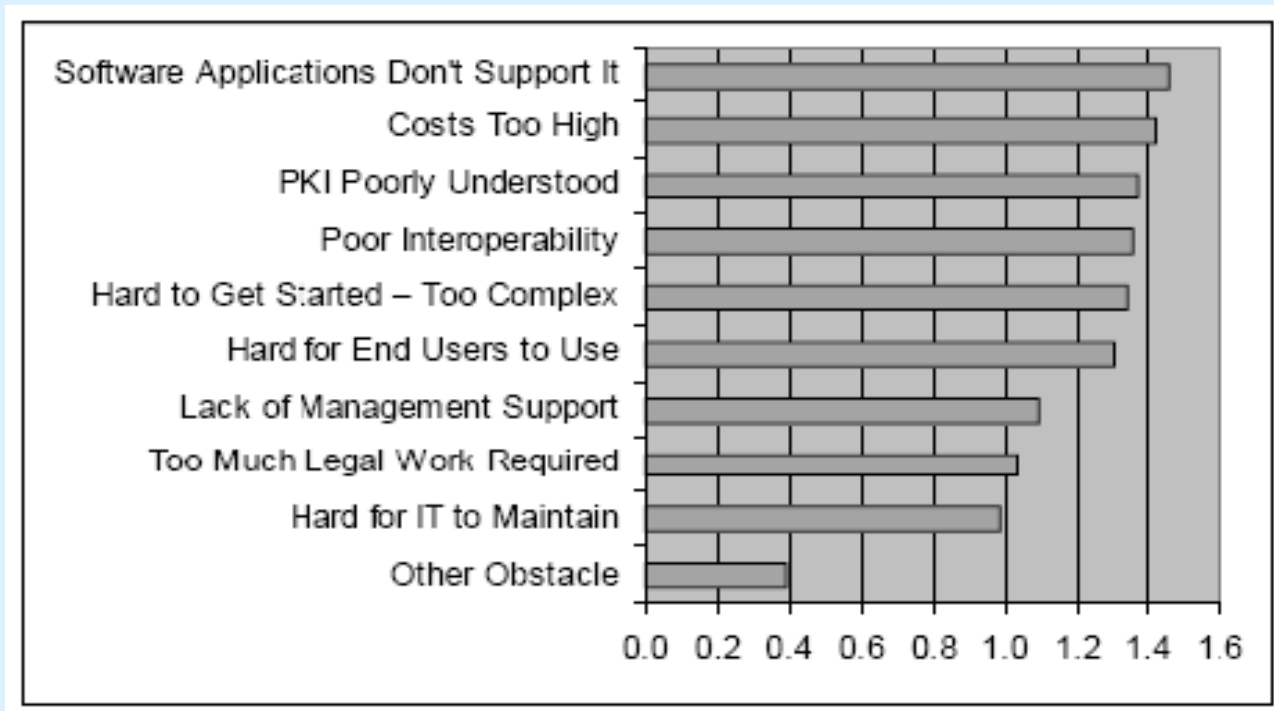


Source: [www.arx.com](http://www.arx.com)



# An example: digital signatures status - barriers

- Directive on electronic signatures: 13 December 1999 !!!
- Technology and pilots available
- Fraunhofer report 2006 (\*): low use and market development



(\*) "PKI and certificate usage in Europe" Fraunhofer FOCUS, Oct 31, 2006



# Societal concern: Privacy in a secure and personalised world



"I somehow feel watched"

## Privacy risks due to “big (and little) brother” scenarios:

- surveillance systems
- personalized services
- road charging
- collaborative contents creation
- digital communities
- profiling
- biometrics
- RFIDs
- abuse of personal data; attacks on commercial assets; identity theft etc.



**undermines TRUST in the Information Society**



# FP6 Privacy and IDM

## PRIME - FIDIS

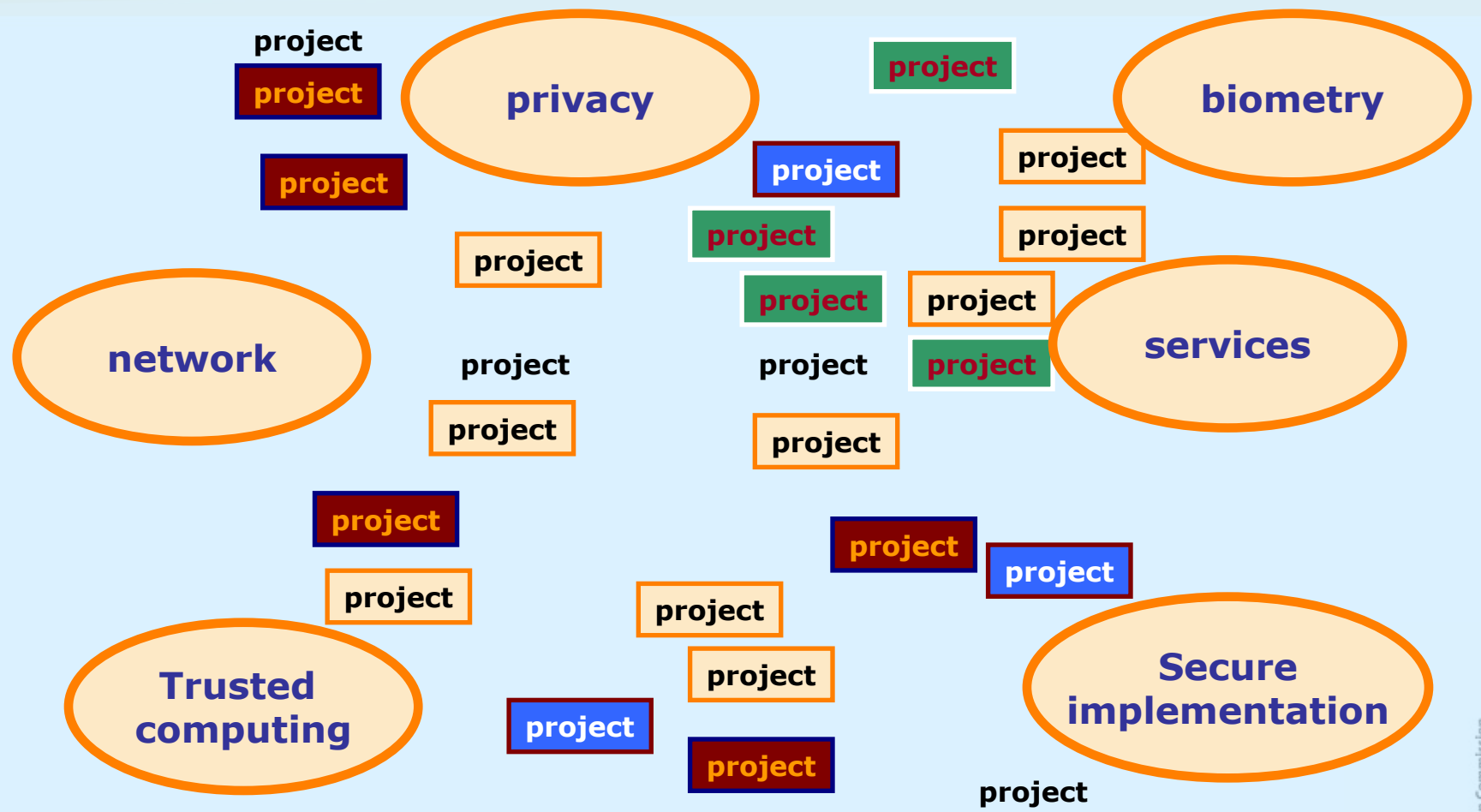
- **PRIME:** Privacy and Identity Management for Europe – an integrated project investing about 13 M€; it develops privacy-enhancing identity management solutions via an integrated approach of legal, social, economic and technical areas.
- **FIDIS:** The Future of Identity in the Information Society – a network of excellence investing about 6 m€; it address the fragmentation of research in electronic identities by consolidating joint research in this area.



# Research in FP7, call 1

## projects under negotiation, funding: 90 MEuro

### PROVISIONAL



# Further Information & Contact

## ■ Further information

–On ICT-FP7: <http://cordis.europa.eu/fp7/ict/>

–On Security-FP7:

[http://cordis.europa.eu/fp7/cooperation/security\\_en.html](http://cordis.europa.eu/fp7/cooperation/security_en.html)

■ **General Contact for ICT-FP7:** [ict@ec.europa.eu](mailto:ict@ec.europa.eu)

■ **Information on Objective ICT-2007.1.4:**

–<http://cordis.europa.eu/ist/trust-security/fp7.htm>

