

Trust and Security on Cloud Computing

Jesús Villasante
European Commission
Information Society and Media Directorate General
Unit F5 - Trust & Security



ServiceWave 2010 Ghent, 15/12/2010



1



European Commission
Information Society and Media

Information Society and Media Directorate-General Trust and Security Unit

On Cloud computing

- **Study**

The Cloud: Understanding the Security, Privacy and Trust Challenges

- **Funding Research through FP7**

Developing knowledge and technologies for trustworthy ICT

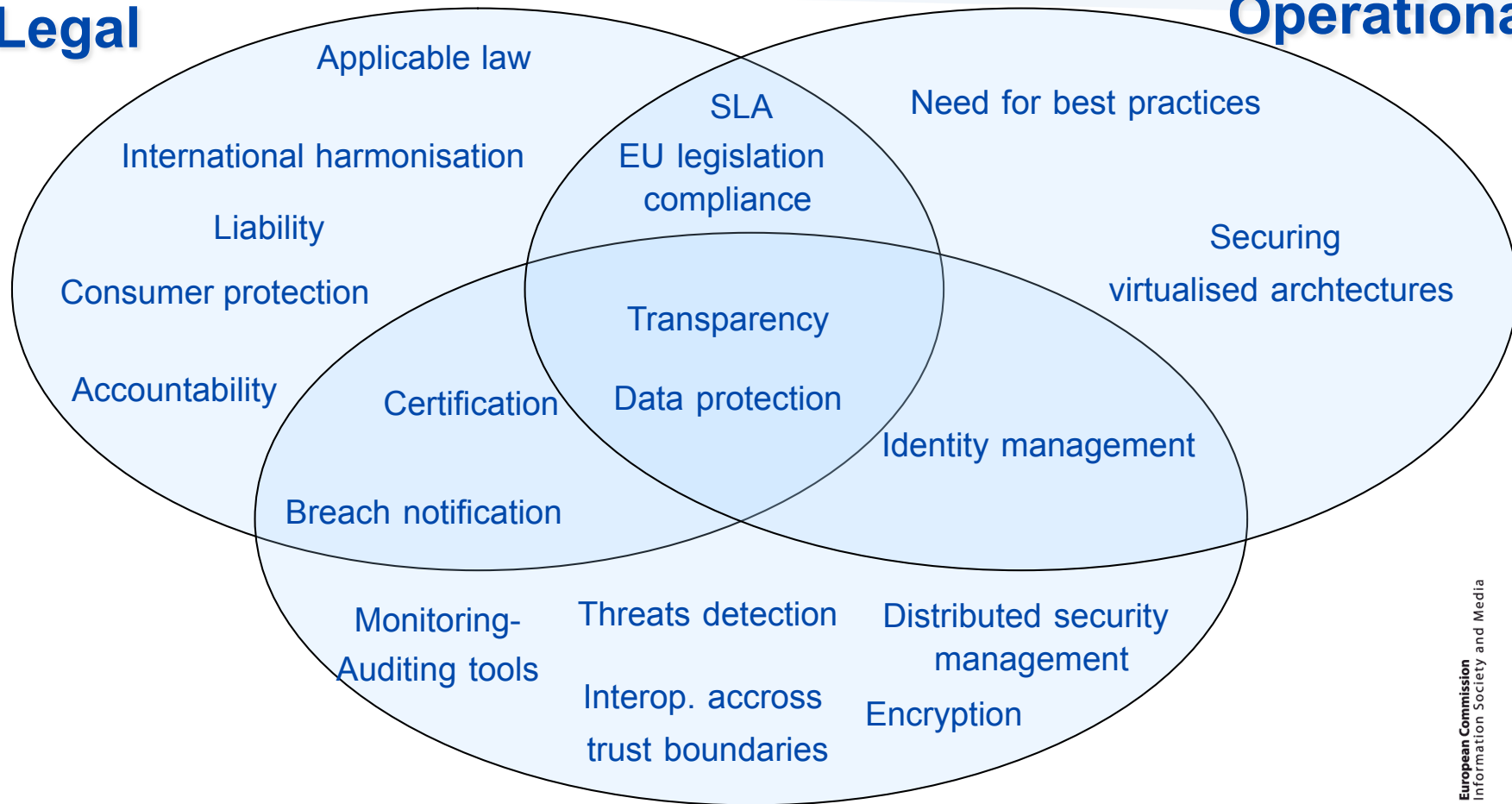
71 running projects

- ⇒ Clouds as part of scope for some projects
- ⇒ 1 specific project on Trustworthy Clouds (TClouds)

Challenges for Security, Privacy and Trust

Legal

Operational



R&D

TClouds

Develop a cloud infrastructure that achieves security and privacy

- **Regulatory Guidance and Business Enablers**

- 📄 Addressing the legal and business implications of infrastructure clouds
- 📄 Regulatory framework for enabling cross-boarder infrastructure clouds

- **Infrastructure Security for the Future Internet**

- 📄 Federated (Cloud-of-clouds) Security Architecture
- 📄 Cloud Security Standards and Open APIs
- 📄 Prototypes in energy and healthcare

www.tclouds-project.eu

What's next ?

- **Call 8 (26/7/2011 –17/1/2012)**



- » **Work Programme 2011-12**

- 📄 Heterogeneous networked service and computing environments
- 📄 Trust, eID and Privacy management Infrastructures
- 📄 Data policy, governance and socio-economic ecosystems
- 📄 Networking and Coordination Activities

- **Study:** Report coming soon

Information on: <http://cordis.europa.eu/>