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## JOINT INTERNATIONAL DOCTORAL (PH.D.) DEGREE in LAW, SCIENCE AND TECHNOLOGY

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Education and Culture DG

ERASMUS MUNDUS



# Institute of Law and Technology (IDT)

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- CAPER

***Collaborative information, Acquisition, Processing, Exploitation and Reporting for the prevention of organised crime (261712-FP7-SEC-2010-1). European Commission, 7<sup>th</sup> FP (2011 – 2013)***

*Privacy*

# Mediation



- Alternative Dispute Resolution (ADR)/ Online Dispute Resolution (ODR)

***CONSUMEDIA: Ontology based Platform for corporative and consumer mediation (National project IPT-2011-1015-430000). INNPACTO (2011 – 2013)***

# Knowledge Acquisition



- Main Tools
  - Ontologies
  - Web 2.0
- Goal
  - Model expert knowledge in a machine-readable format
- Scenarios
  - Compliance
  - Interoperability
  - Annotation
  - Search & Retrieval

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# Knowledge Acquisition: Compliance



- Risk Management & Compliance
  - Data Protection Law (LOPD)
  - Payment Card Industry (PCI)
  - National Security Schema (ENS)
- Neurona. “Investigación en nuevas tecnologías para aportar inteligencia a la seguridad corporativa” (National Project TSI-020100-2008-134)
- ***Ontologies for Governance Risk Management and Compliance (OGRC)*** (National project IPT 430000-2010-43)

# Knowledge Acquisition: Search & Retrieval



- Legal documents are a heterogeneous source
- Search by keyword or logic operators do not work properly
- Relevance is determined by the document content

***IEP-Discovery*** “Información electrónica preservada”  
(National project TSI-020110-2009-39)



Thank you for your attention

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