JOINT INTERNATIONAL DOCTORAL (PH.D.) DEGREE in LAW, SCIENCE AND TECHNOLOGY
Institute of Law and Technology (IDT)

Dr. Antoni Roig (Antoni.Roig@uab.cat)

Bologna– 15-16/10/2012
Table of contents

- Legal Framework
- Mediation/Online Dispute Resolution (ODR)
- Knowledge Acquisition
  - Compliance
  - Interoperability
  - Annotation
  - Search & Retrieval
Legal Framework

• CAPER

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

Privacy
Mediation

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

Knowledge Acquisition

• Main Tools
  – Ontologies
  – Web 2.0

• Goal
  – Model expert knowledge in a machine-readable format

• Scenarios
  – Compliance
  – Interoperability
  – Annotation
  – Search & Retrieval

Antoni Roig (Antoni.Roig@uab.cat)
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

Dr. Antoni Roig (Antoni.Roig@uab.cat)
Institute of Law and Technology (IDT) http://idt.uab.es