

# ***Ethics in Research, Digital Science and Social Innovation***

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# Expertise: General, ICT and engineering

Broad interest and expertise at the intersection of

**science-society-policy-innovation**

*Teaching and research:*  
applied informatics

*Engineering:*

Chem. technology. and environmental engineering

*Particularly:* solid **waste management** (and **ELSI**)  
(reduction, recycling, reuse, green design)

relevant for SC 5 – Climate action, Environment, Resource  
Efficiency and Raw material

# Expertise in SSH and interdisciplinary

## **Social Sciences and Humanities:**

- Economic, legal and social aspects of modern technologies
- Research integrity and ethics
- Human resources in research
- Forward-looking activities
- Internationalization of higher education
- Policy analysis
- Survey design and analysis (quantitative and qualitative)

## **Interdisciplinary:**

- Digital science,
- Internet governance
- Various aspects of information society

# Expertise in Responsible Research and Innovation - RRI

- Human centric activities related to research integrity and ethics
- Public engagement (events, engagements in media)
- Science education (informal and formal networking)
- Social innovation
- Ethical challenges of digital science and open access

## ***Examples:***

- *Ethics in Research initiative* – soc. innov. open for cooperation (raise awareness, explore challenges, creative thinking...)
- *Survey* on research integrity focusing on younger researchers – pioneering at European level
- *Workshops* on Ethics in Research and Research Integrity (including ICT aspects) at ESOF Career Programme, 2012 and Eurodoc AGM, 2011 (organization and chairing)
- *Policy input* and broad *international networking*

# Summary

*Advantage:*

## **Cross-disciplinary research and cross-cutting activities**

- Expertise in ICT, engineering, SSH, RRI and interdisciplinary
- Socially innovative approaches related to RRI
- Broad experience in public engagement
- Policy analysis, policy input and shaping
- Excellent opportunity for networking