



Home

About Us

Activities

Our members

Library

News and Events

Contact Us

Home > Activities > IsItEthical

IsItEthical?

Open

Through the IsITethical platform, PSCE provides support for responsible digital innovation in PPDR, building on over 15 years of working with practitioners and ICT developers in academia and industry.

IsItEthical? provides guidance on ethical, legal, and social challenges and opportunities that arise in the design and use of new digital communications networks, devices, services and applications. Examples of challenges include data protection under the General Data Protection Regulation (GDPR), security, surveillance, information overload, accountability, trust, responsibility; opportunities include improved collaboration, situation awareness, agility, transparency, new partnerships, training and learning. The isITethical team offer research-based consultancy, creative ethical impact assessment for useful, high quality, responsible innovation, training and continued professional development, a community platform for exchange.

Interested to receive specific guidance and support for checking the compliance of your project and of your procedures? Contact us: secretariat@psc-europe.eu





Responsible Research and Innovation for Disaster Risk Management

www.isITethical.eu
isITethical@lancaster.ac.uk
@isITethical_eu

Monika Büscher, Malé Luján Escalante, Catherine Easton, Charalampia Kerasidou













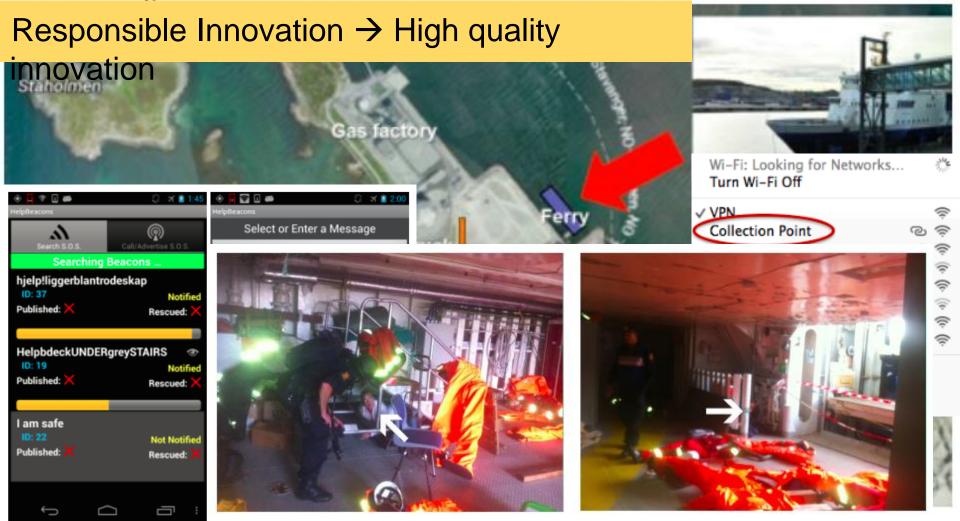


Figure 2: Application for responders (left)

Figure 7: V2 hiding under stairs (top) and V3 behind a barrier (bottom).

Boden, A., Al-Akkad, A., Liegl, M., Büscher, M., Stein, M., Randall, D. Wulf, V. (2016) Managing Visibility and Validity of Distress Calls with an Ad-Hoc SOS System. *ACM Transactions on Computer-Human Interaction* (TOCHI) 23(6):38-48.

Research Background







2011 - 2015

BRIDGE (Bridging resources and agencies in large-scale emergency management) built a 'system of systems' to support interoperability – both technical and social – in large-scale emergency management. The BRIDGE project developed a comprehensive review of ethical, legal, and social issues arising around increased interoperability between statutory and non-statutory emergency agencies.

2014 - 2017

The overall objective of SecInCoRe (Secure Dynamic Cloud for Information, Communication and Resource Interoperability based on Pan-European Disaster Inventory) was to develop a dynamic and secure cloud based 'common information space' concept. SecInCoRe developed an ELSI Taxonomy related to Disaster management. ULANC led a cross project 'ELSI Task Force' that developed guidance for collaborative information management (www.isITethical.eu), with EPISECC, SECTOR, ConCORDE, and other EU project teams. The results of this project provided the starting point for isITethical?

2018

IsltEthical? will provide critical input and momentum for a harmonization of approaches, and it will be key to defining more actionable guidance on ethics for ICT research in different disciplines for researchers, local, national, and EU level ethics committees. The aim to develop concrete and practicable guidelines and protocols to support researchers in complying with responsible conduct of research meets urgent needs in the European researcher community.

What do we do?



Ethical, Legal, and Social Issues

Aim

Supporting Responsible Innovation in Disaster Risk Management

Method

Co-creating a Service + Knowledge Exchange

Components

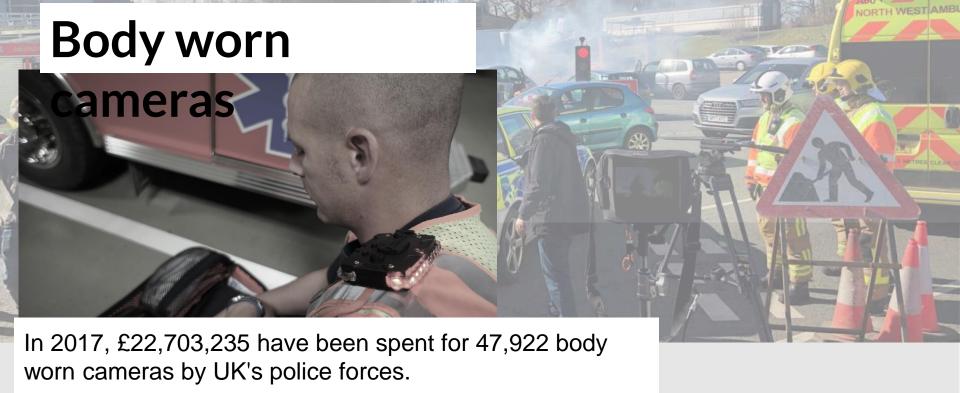
- Knowledge Base
- Online Community Platform
- Table Top Exercises
- Methods for Creative Ethical Impact Assessment
- Expert team of facilitators

Responsible Innovation → High quality innovation





California saw use of force by officers drop by 59 % when they wore cameras, and complaints about officers falling by 87 %



California saw use of force by officers drop by 59 % when they wore cameras, and complaints about officers falling by 87 %







Socio Economical Impact



£500,000,000 (Committee of Public Accounts, 2011 Since 2007, **EUR 980** millions have been invested in security research on issues such as CBRN protection (75 million), explosives (68 million), critical infrastructures protection (55 million), intelligence against terrorism (35 million), preparedness, prevention, mitigation and planning (150 million), recovery (17 million), energy, transport and communication grids (EUR 116 million)' (EC 2017b).

Ethical, Legal and Social Implications Guidance

- ESTABLISHING A CIS FRAMEWORK
 Codes of Conduct and Ethics
- COLLABORATIVE GOVERNANCE
 Decision Making
- DATA INTEROPERABILITY
 Digital Divides
- ORGNISATIONAL INTEROPERABILITY
 Recognising Relevant
 Collaborators
- Protection

 LAWFUL CONDUCT

 Privacy and Personal Data

 Protection
- OTHER TECHNOLOGIES





HOME

ELSI GUIDANCE

KEY TERMS

ELSI Guidance

ALL

COLLABORATIVE GOVERNANCE

DATA INTEROPERABILITY

ESTABLISHING A CIS FRAMEWORK

LAWFUL CONDUCT

ORGANISATIONAL INTEROPERABILITY

ACCESS AND FAIRNESS

ACCOUNTABLE ANONYMITY

ARTICULATION WORK

AUTHORITY, CONTROL AND PARTICIPATION

CODES OF CONDUCT AND ETHICS

CONFIGURING AWARENESS

CONTEXTUAL REASONING

CROSS-BOUNDARY COLLABORATIONS

ELSI Guidance

ALL

COLLABORATIVE GOVERNANCE

HOME

DATA INTEROPERABILITY

ESTABLISHING A CIS FRAMEWORK

LAWFUL CONDUCT

ORGANISATIONAL INTEROPERABILITY

ACCESS AND FAIRNESS

ACCOUNTABLE ANONYMITY

ARTICULATION WORK

AUTHORITY, CONTROL AND PARTICIPATION

CODES OF CONDUCT AND ETHICS



CONTEXTUAL REASONING

Permalink to: "Configuring Awareness"

CROSS-BOUNDARY COLLABORATIONS





























Exceptions and lawful processing

The EU's data protection regime includes a number of exceptions to the application of its framework of rights and responsibilities. These provide the basis for the processing of information in light of certain contexts. They are strongly related to the operation of a collaborative information management system as they can provide ways of legitimately processing data in an emergency situation. The specific legal basis on which the processing is based will depend on the actors involved and the purposes of the processing. Within the context of PPDR and DRM we can identify the following legal bases:

Article 6(d) of the GDPR states that personal data can be processed when this is in the vital or essential interests of the data subject. Recital 46 of the GDPR further clarifies that this legal basis could be relied upon specifically within the context of a natural or manmade disaster. Consequently, this provision could serve as the legal basis for the processing of personal information that relates to the victims of a disaster.

The processing of personal data of affected people could also fall within the scope of Article 6 (e). According to this paragraph, the processing of personal data is lawful if the "processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller or in a third party to whom the data are disclosed".

On the other hand, first responder agents using the collaborative platform will undoubtedly exchange information that relates to their forces active on the terrain. In this case the first responder agencies will have to base the processing operation of personal information concerning their employees on their legitimate interest as provided by article 6(f) GDPR. If volunteers are working on behalf of a first responder agency, the processing of their data could also be based on consent.

Guiding Questions

How does the GDPR strengthen the need for end user consent in relation to data processing?

What are the exceptions to the requirement of consent and how do they operate?

At what point does an exception lapse and what steps should be taken to deal with the data at this point?

Does the lawfulness of the processing vary according to the specific situation of the person concerned?

Key Terms



ACCOUNTABILITY



DATA PROTECTION







SHARE THIS ELSI GUIDANCE





Accountability

Accountability means being answerable for one's choices, actions and expectations of one's role. It also applies to technological infrastructures and algorithms as these should 'account for' their affordances in intelligible ways.

Be answerable for actions in information sharing.

Further information

Accountability means being answerable for one's choices and actions and recognising one's role and being responsive to the expectations attached to it. Accountability also applies to technology in the sense that infrastructures and algorithms should 'account for' their affordances and actions in ways that are intelligible to people. Recognising the role of individuals and organisations involved in the design, management and use of collaborative information systems necessitates appreciating the responsibility shouldered by each individual and group involved. This includes considering how actions could impact those engaged in the system as well as in greater society.

Sources

Petersen, K. et al. (2015) D2.02 ELSI guidelines for collaborative design and database of representative emergency and disaster. SecInCoRe EU Deliverable. [Link]

SATORI (2016) Ethics assessment for research and innovation – Annex A. CWA SATORI-1:2016 [Link]

Weitzner, D. J., Abelson, H., Berners-Lee, T., Feigenbaum, J., Hendler, J., and Sussman, G. J. (2008). Information accountability. Communications of the ACM, 51(6), 82–87. [DOI]

ELSI Guidance













HOME

ELSI GUIDANCE

KEY TERMS

OUR SERVICES

TESTIMONIALS

RESOURCES

YOUR SAY

Key Terms

























www.islTethical.eu

Accessibility

The concept of accessibility covers both access to information – i.e. incorporating access principles, such as readability and simple navigation, into the design – and access to physical technology or internet networks that make it possible for any user to engage with the system being created.

 Be inclusive of stakeholders (in the widest definition), of all potential situations of access (different devices, different levels of network connectivity), and of different cultures of practice (different user routines) in technology and design.

Further information

Accessibility is important due to the EU's general principle of equality. This concept relates to following accepted design principles to enable access to information for the widest possible range of end users, including those, for example, using assistive technology. Designing systems according to accessibility principles, which include readability and simple navigation, can improve the experience of all.

The concept also covers accessibility in terms of access to physical technology or internet networks that make it possible for any user to engage with the system being created. This also covers generational practices that make different forms of technology more or less accessible based on familiarity and experience.

Sources

Web Content Accessibility Guidelines (WCAG) 2.0 W3C Recommendation 11 December 2008 [Link]



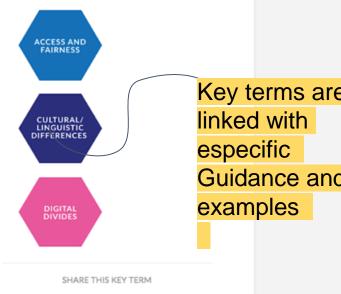
A space for conversations about ELSI

Leave a Reply

Your email address will not be published. Required fields are marked *

Comment

ELSI Guidance



IslTethical? Exchange







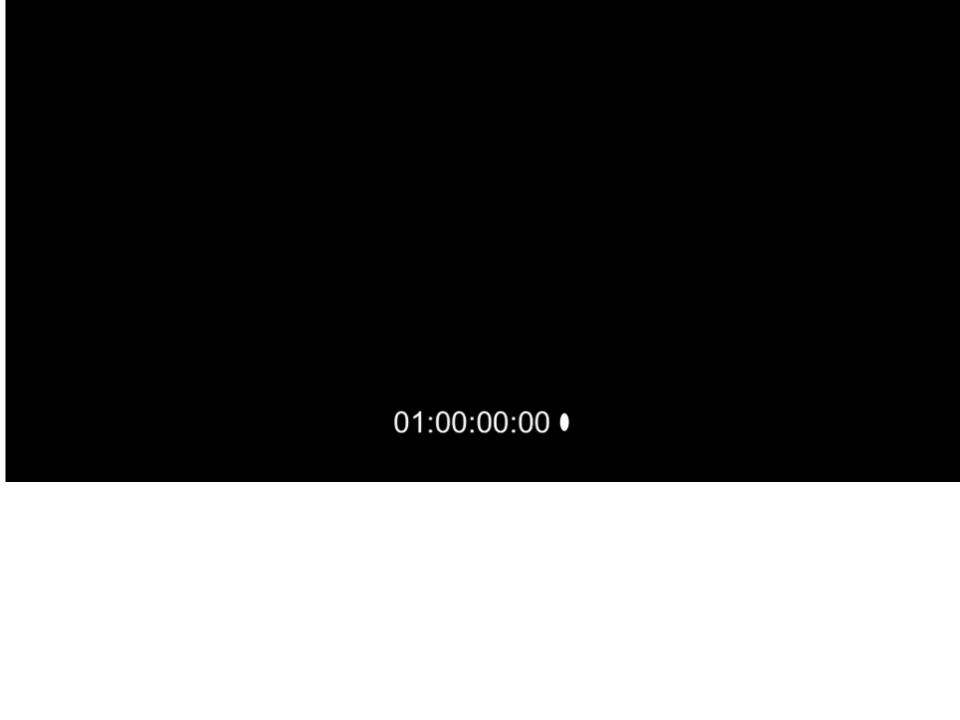
exercise

Rehearsing escenarios

Openning discussion

Taking ELSI informed decisions

Being in the "shoes" of responders







www.isITethical.eu isITethical@lancaster.ac.uk @isITethical_eu

Monika Büscher, Malé Luján Escalante, Catherine Easton, Charalampia Kerasidou





centre for mobilities research





https://vimeo.com/290947792

Password: ETHICS