



PARTICIPATORY APPROACHES TO A NEW ETHICAL AND LEGAL FRAMEWORK FOR ICT



Funded by EU H2020 Research and Innovation program. Grant Agreement 788039

EU regulatory framework on data protection is about to change dramatically



We must encourage the creation of data markets that enable fair data commercialization while ensuring the protection of autonomy through decisive support of individual informed consent and supporting the implementation of sustainable security systems

### 3 PILLARS

DATA  
COMMERCIALIZATION

INFORMED  
CONSENT

SECURITY /  
CYBERSECURITY

WHAT?

FACILITATE THE IMPLEMENTATION OF THIS NEW REGULATION

HOW?

Producing a set of OUTCOMES that serve as operational standards and practical guidelines able to reduce the ethical and legal issues (ELI) posed by Information and Communication technologies (ICT)  
+  
Suggesting possible concrete improvements to the current regulatory and governance framework

6 OUTCOMES

# 1<sup>ST</sup> OUTCOME: GUIDELINES

[The Guidelines on the ELI of ICT research and innovation]

**MOST  
IMPORTANT  
OUTCOME!**

End users: RECs, data protection authorities, DPOs, etc.

Interpretations of EU  
regulation that have been  
accepted by most stakeholder  
representatives and end-users

+

Issues that offer alternative  
interpretations according to  
the regulatory framework

FOR WHAT?

Achieve efficiency, quality output, and uniformity of  
performance while reducing miscommunication and failure to  
comply with regulations.

**CREATIVE  
SUGGESTIONS**

# 1<sup>ST</sup> OUTCOME: GUIDELINES

WHAT ELSE? Essential information on the specifics of national regulation (EU Members) of ICT data protection ELI



## Network of Correspondents\*

- Composed by experts from the 27 EU countries
- 2 experts: countries with more than 3 million citizens
- Public Calls
- Main responsible: UPV/EHU (Task 5.2)

**Guidelines = interactive and translated to 5 languages!**

## 2<sup>ND</sup> OUTCOME: CRITICAL ANALYSIS

[The critical analysis on the ICT data protection regulatory framework]

End users: Policy makers

ISSUES THAT RAISE ETHICAL CONCERNS BUT HAVE NOT BEEN ADEQUATELY ADDRESSED BY THE REGULATION

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graph TD; A[ISSUES THAT RAISE ETHICAL CONCERNS BUT HAVE NOT BEEN ADEQUATELY ADDRESSED BY THE REGULATION] --> B[EU regulation as such]; A --> C[International flow of data]; A --> D[Member states – EU regulation]; B --> E[CONCRETE SUGGESTIONS FOR IMPROVEMENTS]; C --> E; D --> E;
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EU regulation  
as such

International  
flow of data

Member states  
– EU  
regulation



CONCRETE SUGGESTIONS FOR IMPROVEMENTS

# 3<sup>RD</sup> OUTCOME: REPORT ON GOVERNANCE

[The Report on Governance of ICT Data Protection ELI]

End users: Policy makers

OUTCOME: Analysis of the issues and gaps related to the governance of the ethical and legal issues of ICT research and innovation and the monitoring of security/cyber-security compliance

HOW?

Background

+

Engagement  
Tools

Network of Correspondents

Mutual learning\*

## Mutual learning\*

*Platform for debate and mutual learning*

- Interactive tool implementing a technology already developed by Texelia
- Allocated to the project web page, which will be run by the UPV/EHU team
- Repository of information + Platform for exchange of ideas
- Responsible of producing the Platform for debate and mutual learning: UPV/EHU (task 5.1)



# 4<sup>TH</sup> OUTCOME: CODE OF CONDUCT

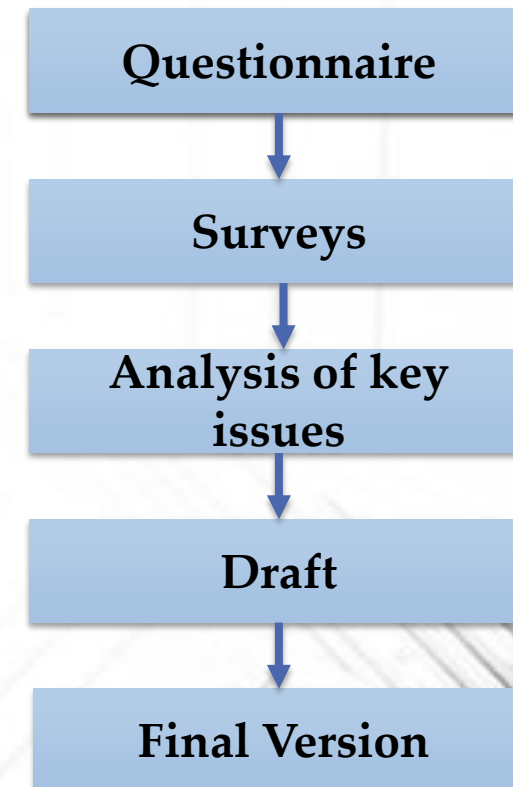
## [Code of Conduct for Responsible Research and Innovation]

**End users: Researchers**

*\*essential tool for researchers who must deal with the challenges addressed by PANELFIT*

Meant to facilitate the primary  
aims of ethical COMPLIANCE  
from the very beginning

**HOW?**

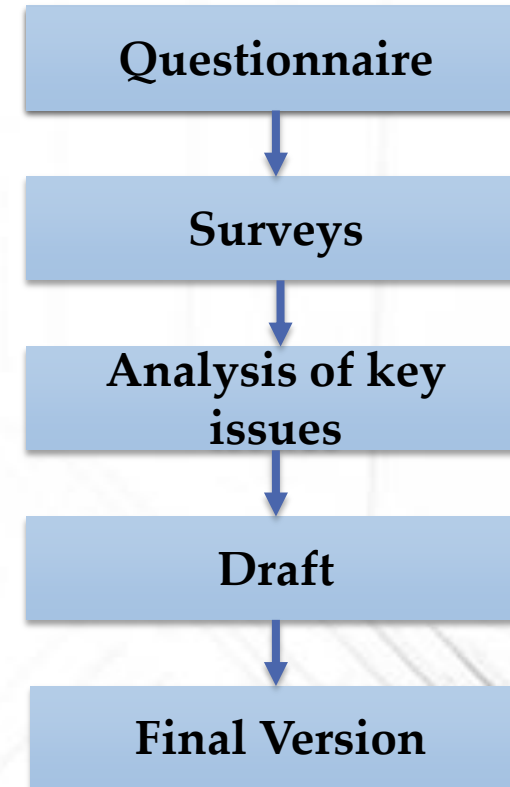


# 5<sup>TH</sup> OUTCOME: HANDBOOK FOR JOURNALISTS

**End users: Journalists**

*\*adapted to journalists' needs as uncovered by the surveys*

**HOW?**

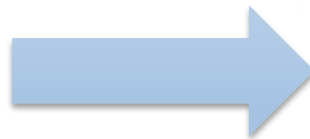


# 6<sup>TH</sup> OUTCOME: CITIZENS INFO-PACK

**End users: Citizens**

*\*set of various materials prepared to inform lay people in a highly accessible way*

**2 VERSIONS**



**Special version adaptable to  
vulnerable population needs**

**Support their right to get adequately informed while improving the quality and effectiveness of interactions between the research community, the policy makers and stakeholders, and the vulnerable population**

# OUTCOMES SUMMARY

Outcome	End users	Main characteristics
Guidelines	RECs, data protection authorities, DPOs, etc.	Handbook for decision makers
Critical analysis	Policy makers	Issues and gaps analysis, suggestions for improvement.
Report on Governance	Policy makers	Comparative analysis of national and regional responses. Suggestions for improvements.
Code of Conduct for RRI	Researchers	Adapted to the concrete needs of researchers.
Handbook for Journalists	Journalists	Adapted to the concrete needs of journalists.
Citizens Info Pack	Citizens	Two different versions, one of them tailored to the needs of vulnerable populations.

# The co-creation approach

Strong challenge: new legal framework + continuous technical evolution



Need to involve **ALL SOCIETAL ACTORS**

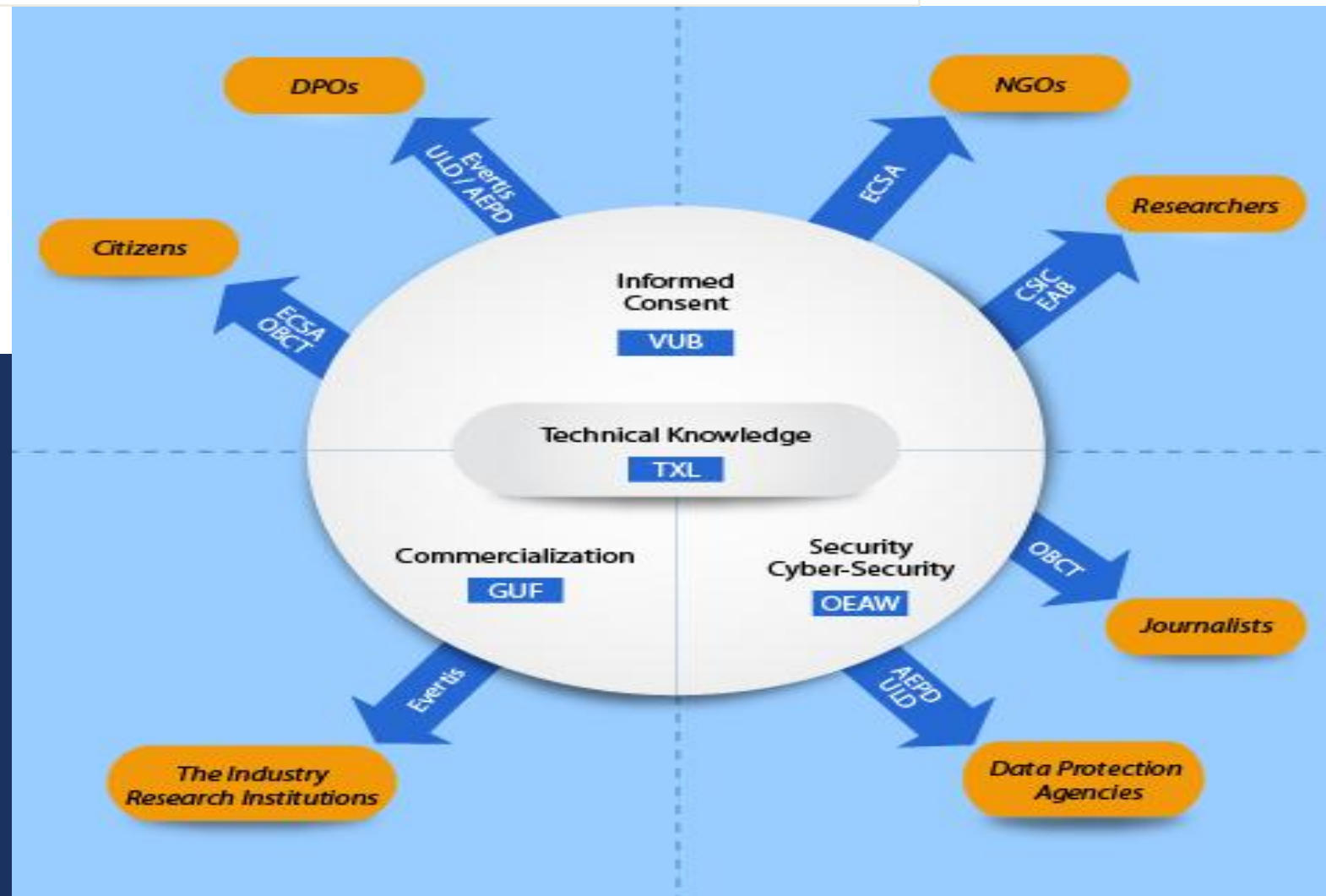


Permanent, feasible compromises that guarantee fundamental rights while respecting the interest of all socio-economic stakeholders

**HOW?**

PANELFIT'S CO-CREATION MODEL OF WORK

# PANELFIT'S CO-CREATION MODEL OF WORK



PANELFIT dissemination in number	Expected impact
Academic Papers	40 in JCR indexed journals
Panels in Academic Conferences	8 panels
Academic Workshops	8 workshops
Webinars Focused on Journalists	6 webinars, 60 attendants
Face-to-face Training Courses for Researchers	8 courses, 80 attendants
MOOC Courses (aimed to citizens & researchers)	9 courses, 740 attendants
Webinars for journalists	6 webinars, 10 journalists in each
Encounters with Stakeholders, End-users and Policy Makers	8 encounters, 160 attendants
Workshop with 20 Stakeholders, Policy makers and End-users	1 workshop, 20 attendants
Final Dissemination Events	4 events, 400 attendants



# Partners

Universidad del País Vasco/ Euskal Herriko Unibertsitatea	Spain	Biolaw, bioethics, EU law, policy making
Fonden Teknologiradet	Denmark	Policy advice, public engagement, communication & dissemination
Vrije Universiteit Brussel	Belgium	Privacy, Personal Data Protection, Human Rights, Intellectual Property Law, Cyber security law
Oesterreichische Akademie der Wissenschaften	Austria	Technology Assessment, Privacy, Surveillance, Security, Ethics, Human Rights
Goethe Universität. Frankfurt am Main	Germany	Privacy, Personal Data Protection, Data ownership, data commercialization
European Citizen Science Association (ECSA)	International (based in Germany)	Citizen Science
European Network of Research Ethics Committees	International (registered in Germany)	Research Ethics, human rights protection, stakeholder consulting and analysis, training of Research Ethics Committees members
Consejo Superior de Investigaciones Científicas	Spain	ICT for Citizen Science
OBC Transeuropa / Fondazione Opera Campana dei Caduti	Italy	European affairs, Data-driven journalism Network, Fundamental rights, Active European citizenship
EVERIS SPAIN, S.L.U.	Spain	IT development, digital transformation, data use
Unabhängiges Landeszentrum für Datenschutz AöB	Germany	Policy making