

KEY FACTS

- ◆ **Coordinator:** Engineering Ingegneria Informatica S.p.A. (Italy)
- ◆ **Start Date:** November 2022
- ◆ **Duration:** 24 months
- ◆ **Consortium:** 25 partners from 14 countries, including 7 LEAs
- ◆ **Topic:** HORIZON-CL3-2021-FCT-01-04: Improved access to fighting crime and terrorism research data
- ◆ **Type:** HORIZON Innovation Actions
- ◆ **Total cost:** €7.38m


CONSORTIUM



				
				
				
				
				



Lessen Data Access and Governance Obstacles



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Over the past few years, EU research projects on the **Fight against Crime and Terrorism (FCT)** have increasingly focused on applied research, bringing together researchers, industries, **Law Enforcement Agencies (LEAs)**, and security practitioners to address security threats and improve societal resilience.

Data-driven and data-intense methods like **Machine Learning (ML)**, **Artificial Intelligence (AI)**, big data analytics, and intelligence visualisation are used to leverage enormous data sets or streams in proposed security solutions. The **FCT** environment often lacks domain-specific data of sufficient quality and quantity to train and evaluate emerging algorithms, tools, and platforms. Lack of data leads to insufficiencies in **ML/AI** models and other data-intensive technologies built by researchers, making it difficult for security practitioners to benchmark, validate, and appreciate their usefulness, which compounds the lack of trust for providing further datasets.

LAGO is dedicated to addressing the data issue in the **FCT** research landscape and ecosystem by building broad consensus via an evidence-based multi-actor approach and composing a comprehensive roadmap enriched with an overarching deployable governance framework for the implementation of a trusted **Research Data Ecosystem (RDE)**, enabling multiple data spaces for **FCT** research.

WORK PACKAGES (WP)

- ◆ **WP1** Project management and coordination.
- ◆ **WP2** Ethical, societal and legal screening, guidance and review.
- ◆ **WP3** Framework **EU FCT** trusted **Research Data Ecosystem (RDE)**.
- ◆ **WP4** Research data creation and provision.
- ◆ **WP5** Research data usage.
- ◆ **WP6** Research dataset governance.
- ◆ **WP7** Validation and demonstration in real scenarios.
- ◆ **WP8** Boosting the creation of **EU Data Ecosystem** for **FCT** research.
- ◆ **WP9** Ethics requirements.

OBJECTIVES



ASSESS the barriers and current practices in data sharing.



DESCRIBE the social, legal, ethical, and privacy requirements for an FCT data space.



DESIGN a Reference Architecture suitable for the FCT Research Data Ecosystem.



DEVELOP TRL-7 value-added Technological Tools to ensure data privacy, quality, and quantity for a coherent implementation of the EU FCT RDE.



CREATE a governance framework and procedures for a trusted Data Space and secure data sharing.



VALIDATE AND DEMONSTRATE the envisaged RDE architecture within the FCT community in real operational scenarios and domains.



COMPOSE a comprehensive roadmap for implementing the RDE in FCT research.