



RESEARCH & DEVELOPMENT



DISCOVERING RESEARCH & DEVELOPMENT

Innovation is at the core of eu-LISA's mandate and mission, especially when it comes to growing as a centre of excellence in the delivery of IT services to its stakeholders.

eu-LISA's Research and Development function plays a key role in supporting innovation activities in the Agency by monitoring new developments in technology domains relevant to the large-scale IT systems or implementing pilots and proof-of-concept projects.



SUPPORTING INNOVATION

eu-LISA R&D supports policymakers, system users and other stakeholders in their deliberations and decision-making. Each year, the Agency publishes one Research and Technology Monitoring Report and other reports on topical issues.

The R&D function's core activities revolve around:

- The [EU Innovation Hub for Internal Security](#), a collaborative network of labs that provides effective solutions to support Europe's internal security
- The implementation of pilots and proof-of-concept projects in cooperation with the European Commission (e.g. [Smart Borders](#))
- The organisation of [Industry Roundtables](#) – technology-focused events, that allow public and private stakeholders to have a common forum for discussing new solutions and business processes, sharing experiences and addressing challenges



HORIZON EUROPE

In addition to supporting innovation within the Agency, the Research and Development Function plays an important role in supporting the European Commission in the implementation of the EU Framework Programmes for Research and Innovation ([Horizon Europe](#)), by contributing to the definition of research priorities and supporting research and innovation projects relevant to the Agency's mandate.

ABOUT EU-LISA

Since eu-LISA's establishment in 2012, the Agency has become the digital engine of Schengen and is responsible for managing and promoting IT as a key success factor for the implementation of the European Union's policies in the area of freedom, security and justice. Over the years, the Agency's mandate has considerably expanded. On top of the operational management of Eurodac, SIS and VIS, eu-LISA also assumed responsibility for the development of EES, ETIAS, ECRIS-TCN, and the Interoperability framework. The Agency has also been entrusted to take over e-CODEX, a tool for cross-border judicial cooperation.

Thus, eu-LISA is in the driver's seat for the digitalisation efforts of the EU's Justice and Home Affairs domain, building a new information architecture for border management and contributing to the development of the new security ecosystem.

Through its activities and tasks, which fully respect EU data protection and privacy requirements, the Agency adds value to the EU Member States by supporting their efforts towards freedom, security and justice.



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