

Top objectives of ELISE

ELISE aims to break down barriers and promote a coherent and consistent approach to the sharing and reuse of location-enabled information across borders and sectors by:

- ✓ Carrying out studies to **examine the role of location interoperability** in the data economy and the digital transformation of government, and to **assess the enablers and barriers** in fulfilling this role.
- ✓ Developing a **framework of guidelines, recommendations and reusable tools** for implementing and enabling location interoperability, building on the initial work of the European Union Location Framework (EULF) and A Reusable INSPIRE Reference Platform (ARe3NA).
- ✓ Providing a **“Geospatial Knowledge Base Service”**, including landscape analysis and observatory, capacity building and stakeholder support.
- ✓ Developing **pilots and applications** to test principles in practice, offer lessons and resources for others to build upon, provide the basis for a widespread rollout, and show the benefits of location interoperability.

Want to know more?

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An action supported by ISA²

This action is supported by the European Commission's ISA² programme. ISA² is a EUR 131 million programme supporting the modernisation of public administrations in Europe through the development of e-Government solutions. More than 20 solutions are already available, with more to come soon. All solutions are open source and available free of charge to any interested public administration in Europe.

More on the programme

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ELISE

European Location
Interoperability Solutions
for e-Government

ISA² programme
Interoperability Solutions
for European Public Administrations,
Businesses and Citizens

ISA²

Business need

Location-enabled information underpins an increasingly high proportion of EU and national governmental policies, digital services and applications used by public administrations, businesses and citizens. Although various studies point to the tremendous potential value of publicly and privately held location information, there are many obstacles to its efficient sharing and reuse.

The Directive on reuse of public sector information (PSI Directive), Infrastructure for spatial information in Europe (INSPIRE Directive) and the previous ISA Programme have started to remove barriers and some EU countries have introduced important initiatives in this field. However, there is much further potential to be tapped into; the implementation of INSPIRE is ongoing and new thematic policies are emerging that will benefit from a more harmonised approach.

Solution

ELISE is a package of legal/policy, organisational, semantic and technical interoperability solutions to facilitate more efficient and effective digital interaction and data reuse across borders and sectors. Digital interactions involving location information connect European public administrations with each other and with the citizens and businesses they serve.

This Action supports the goals of the Digital Single Market Strategy, including specific actions of the e-Government Action Plan and the European Interoperability Framework.

ELISE Activities

ELISE Geo-Knowledge Base Service

Extension of existing services offered by the Joint Research Centre supporting policy makers, data publishers and users by providing a structured inventory of standard processes, services and tools using location data in e-Government.

Location Interoperability Observatory

Promotes the reuse of location interoperability solutions, data and information through the identification, collection and analysis of initiatives at the national level.

INSPIRE in Practice

A collaborative platform supporting and providing access to reusable location tools and good practice examples supporting INSPIRE implementation.

Location inputs to the method for Assessment of ICT implications of new legislation

Extension of the European Commission's ICT assessment tool and method, so that potential impacts from the use of location information are considered at an early stage when preparing new initiatives in the EU policy cycle.

Spatial Data on the Web

Analysis and tool development helping to bring the investments in INSPIRE implementation into the hands

of Web developers and exploring how user feedback on metadata can improve data discovery, access and use.

EU Gazetteer

Common services of geonames, administrative units and addresses usable within any European data portal or other e-Government applications will be explored.

Location data economy study

Identifies how economic value is created through sharing and reuse of location data and the barriers that exist to creating this value.

Energy and location pilot

Investigates the benefits of interoperable and reusable location information supporting the lifecycle of energy policies and initiatives such as Energy Performance of Buildings Directive, Energy Efficiency Directive and the Covenant of Mayors.

Tell us what activity you are interested to hear more about by completing [our survey!](#)

EULF Blueprint

The [EU Location Framework Blueprint](#) is a guidance framework for 'location-enabling' digital government, defined by a series of recommendations in five focus areas: policy and strategy alignment, standardisation and reuse, digital government integration, return on investment and governance, partnership and capabilities.

For each recommendation, a rationale, checklist of associated actions, potential implementation issues and best practice references are provided.

Policy and strategy alignment



a consistent EU and Member State policy and legislative approach where location information plays a significant role

Digital government integration



making location a key enabler in G2B, G2C and G2G digital government processes and systems

Standardisation and reuse



adoption of recognised geospatial and location-based standards and technologies, enabling interoperability and reuse

Return on investment



ensuring that funding of activities involving location information is value for money, and taking action to stimulate innovation and growth

Governance, partnerships and capabilities



effective decision making, collaboration, knowledge and skills related to the provision and use of location information in the context of digital government