ELISE

European

Location

Interoperability

Solutions for

E-Government

Location Interoperability Framework Observatory (LIFO)

Ray Boguslawski, JRC, External Consultant

MIG-T meeting
14 October 2020

European Commission

ISA²

ELISE supports innovation through location interoperability

EULF BLUEPRINT
Location interoperability
guidance framework

FRAMEWORK

STUDIES

KEY TOPICS IN
LOCATION ENABLED
DIGITAL
TRANSFORMATION

SURVEYS

LOCATION
INTEROPERABILITY
FRAMEWORK
OBSERVATORY
European state of play
based on Blueprint

SOLUTIONS

PILOTS, EVALUATIONS, PRODUCTS
Energy / Transport use cases
EU Gazetteer, Registry
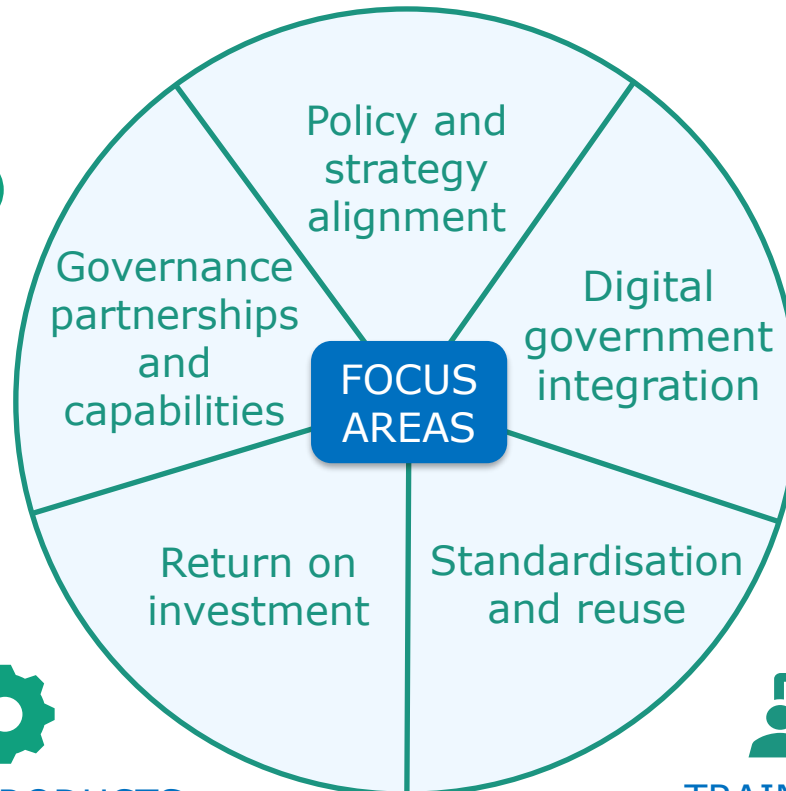
SKILLS

TRAINING & WEBINARS

ISA²

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FOCUS AREAS

Policy and strategy alignment

Governance partnerships and capabilities

Digital government integration

Return on investment
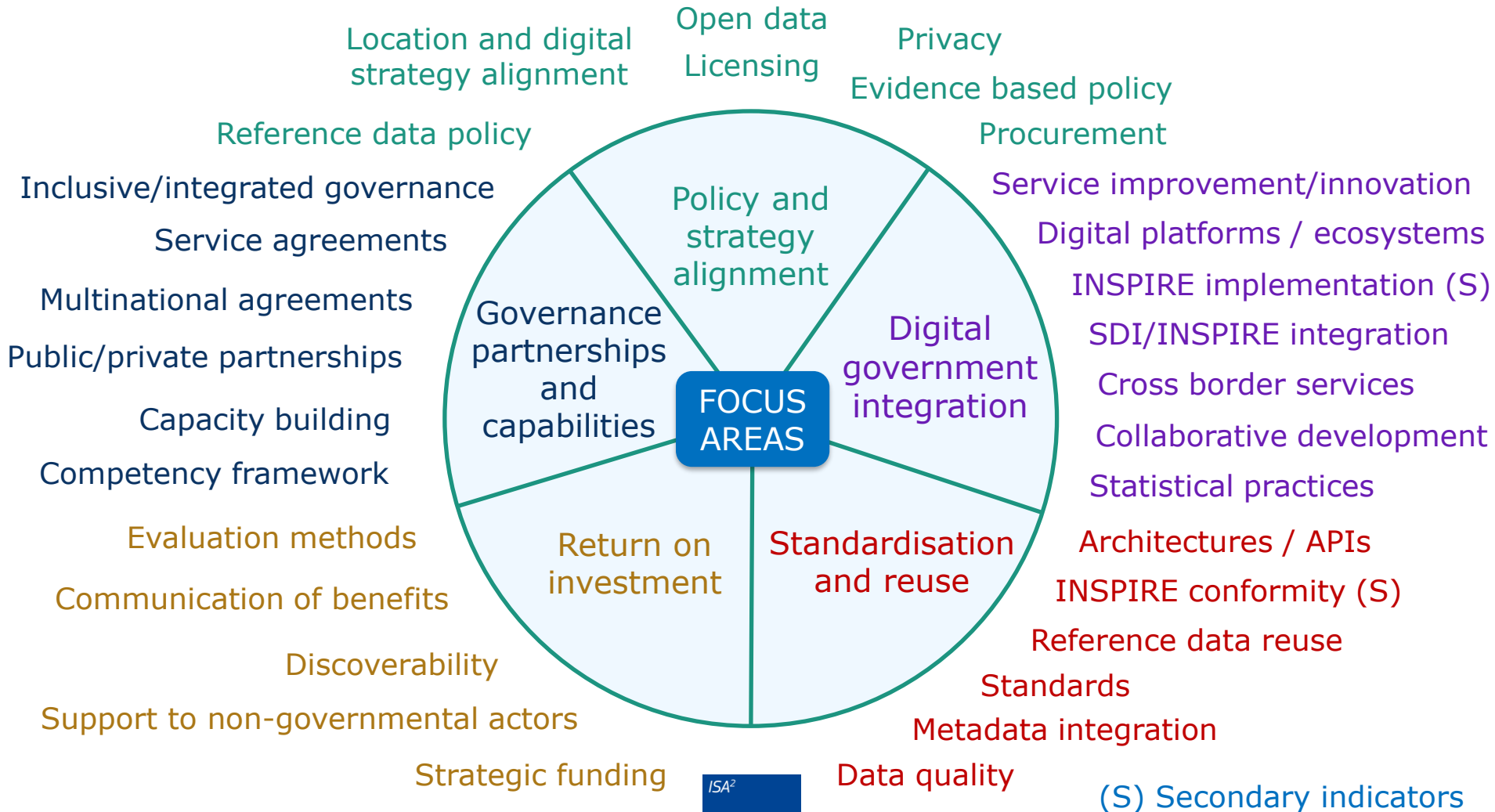
Standardisation and reuse

SOLUTIONS

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LIFO indicators – balanced scorecard for a user-driven SDI

Open data
Licensing
Privacy
Evidence based policy
Procurement

Location and digital strategy alignment

Reference data policy

Inclusive/integrated governance

Service agreements

Multinational agreements

Public/private partnerships

Capacity building

Competency framework

Evaluation methods

Communication of benefits

Discoverability

Support to non-governmental actors

Strategic funding

Service improvement/innovation

Digital platforms / ecosystems

INSPIRE implementation (S)

SDI/INSPIRE integration

Cross border services

Collaborative development

Statistical practices

Architectures / APIs

INSPIRE conformity (S)

Reference data reuse

Standards

Metadata integration

Data quality

FOCUS AREAS

Policy and strategy alignment

Governance partnerships and capabilities

Digital government integration

Return on investment

Standardisation and reuse

(S) Secondary indicators

LIFO scoring hierarchy

LIFO

FOCUS AREAS

RECOMMENDATIONS

INDICATORS

Score Type	No	Scoring method
LIFO	1	Average of scores for all focus areas
Focus area	5	Average of scores for all recommendations associated with a focus area
Recommendation	19	Average of normalised scores for all indicators associated with a recommendation
Indicator	48	Discrete scores using different scoring methods converted to standard normalised scores in range 0-1.

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LIFO 2019 "Wave 1"
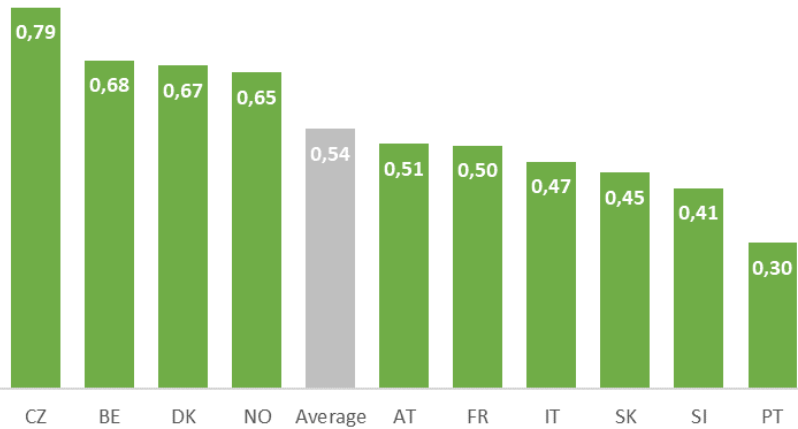
10 countries participated

EUSurvey
EU survey used for data collection

Country factsheets and European state of play published

Best practices added to EULF Blueprint
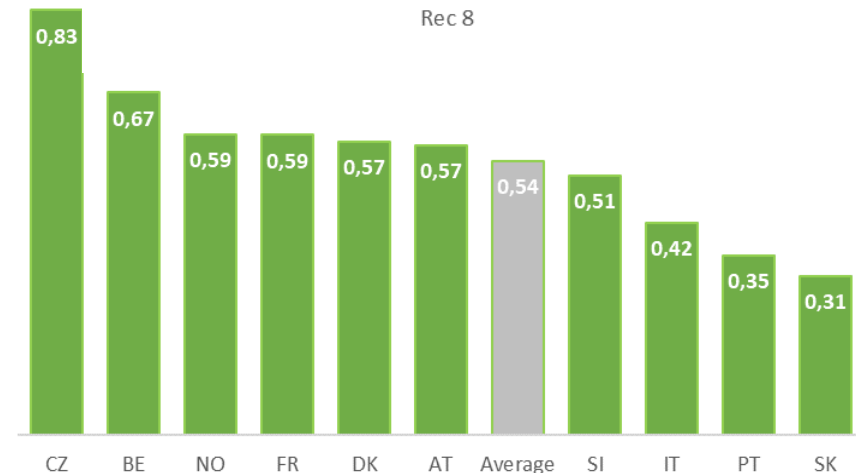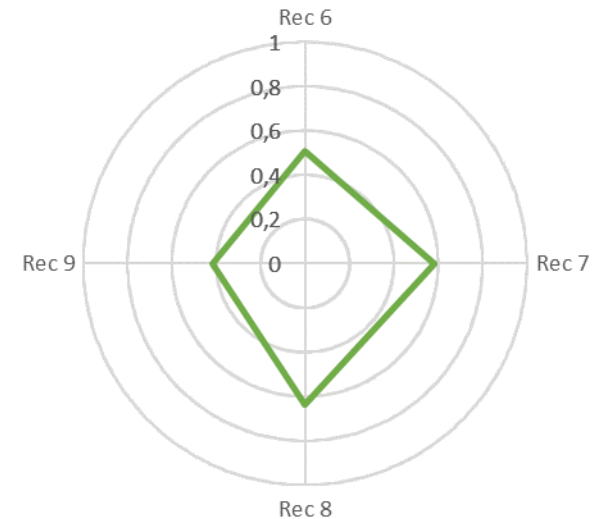
LIFO 2019: LIFO index scores

Radar chart with axes: Policy and Strategy Alignment, Digital Government Integration, Standardisation and Reuse, Return on Investment, Governance, Partnership and Capabilities. Scale 0 to 1 (0,2 / 0,4 / 0,6 / 0,8 / 1).

Bar chart:
CZ	BE	DK	NO	Average	AT	FR	IT	SK	SI	PT
0,79	0,68	0,67	0,65	0,54	0,51	0,50	0,47	0,45	0,41	0,30

Map legend:
- LIFO Index equal to or above 0,5
- LIFO Index below 0,5

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LIFO 2019 Focus Area indexes: Digital government integration

Extensive use made of location data and solutions but, in general, without a real breakthrough approach.

Main highlights:
- INSPIRE as reference framework for cross-border harmonisation of location data and services but not for delivery of cross-sector public services *(Rec. 7)*
- open and collaborative methodologies not extensively used for the design and improvement of location-enabled digital public services; more collaborative approaches adopted for delivery of services, with quite an active involvement of the private sector *(Rec. 8)*
- only in few countries, location data used to develop innovative models of digital public services *(Rec. 6)*
- a limited number of actions undertaken to fully exploit the integration of location and statistical information in producing location-based statistics *(Rec. 9)*
- *Some interesting best practices captured for inclusion in EULF Blueprint v4*

Radar chart with axes Rec 6, Rec 7, Rec 8, Rec 9 (scale 0 to 1).

Bar chart:

CZ	BE	NO	FR	DK	AT	Average	SI	IT	PT	SK
0,83	0,67	0,59	0,59	0,57	0,57	0,54	0,51	0,42	0,35	0,31

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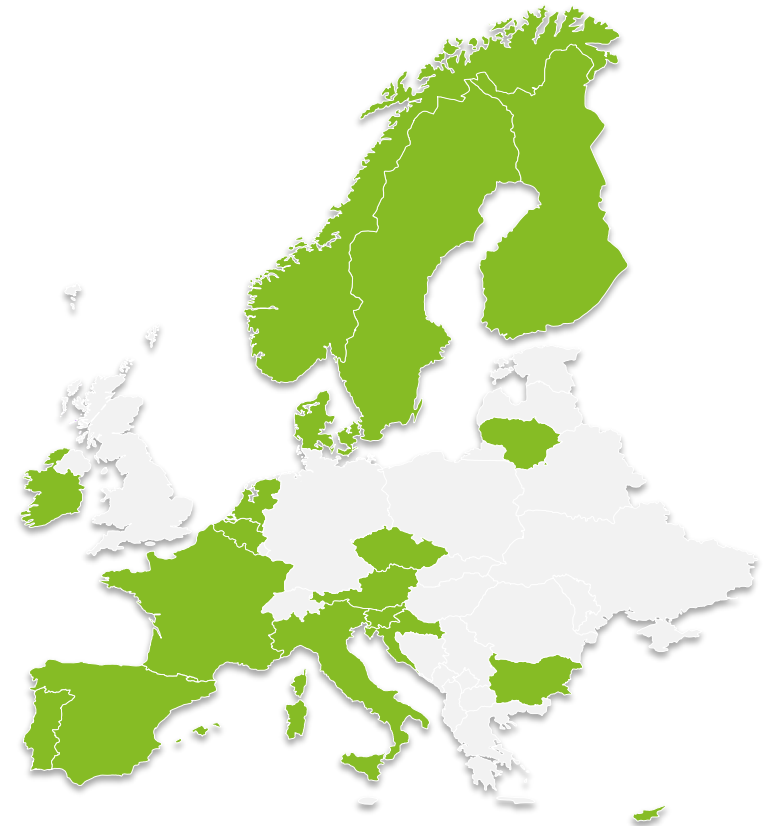
Want to know more?

ELISE

European Location Interoperability Solutions for e-Government

Get started: ELISE Action page

Location framework: EULF Blueprint

Location observatory: LIFO

Join and collaborate: ELISE Community

Stay tuned: @EULocation

http://inspire.ec.europa.eu/

The ELISE action is undertaken with the support of ISA².

ISA² is a EUR 131 million programme of the European Commission which develops digital solutions that enable interoperable cross-border and cross-sector public services for the benefit of public administrations, businesses and citizens across the EU.

ISA² supports a large range of actions and solutions. The ISA² solutions can be used free of charge and are open source when related to IT.

ISA² - IT solutions for less bureaucracy ⌷You click, we link. Follow us on twitter.

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