

# Open European Location Services

## Open ELS status

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SBE KEN meeting, Brussels, 8<sup>th</sup> Nov 2018

#OpenELS



Co-financed by the European Union  
Connecting Europe Facility

# Composition of the Open ELS project

## Leading Project Partners

EGHO

### 1. Governance

1. Project management
2. Cross-border representation
3. Open data policy
4. Economic appraisal for a sustainability of Open ELS.

KARTV

### 2. Arranging technical infrastructure

1. Organising and running the technical infrastructure
2. APIs and Linked data
3. Arrangements for European Data portal.
4. Explore opportunities for user defined visualization
5. On-the-fly edge-matching service

KADNL

### 3. Data supply content

1. Data and metadata quality.
2. Cross-border edge-matching
3. Data contributors support
4. Capacity building
5. Extension of coverage and content plan
6. Agreement amongst data providers

OSGB

### 4. User orientation and requirements

1. User Interface
2. Open data products and services
3. Licensing, terms and conditions of use and reuse
4. SME engagement programme
5. Demonstration of Open ELS value added and benefits
6. Marketing and awareness raising

# Grant agreement milestones – status

## Milestones achieved

- Open ELS data policy available
- Open ELS licence available
- Compliance with the MQA (European Data Portal Metadata Quality Assurance)
- Open ELS support desk available
- Signed Open ELS Data Provider Agreements (ongoing task)



## Milestones in progress

- Economic appraisal and Business plan for Open ELS (December 2018)
- Final Open ELS platform (April 2019)
- Availability of 3 prototyped use cases (January 2019)
- Implementation of eTranslation (April 2019)

# Brief overview on Activities (1/2)

## Activity 1 – Project management & Governance

- Open ELS policy available
- Cross-border representation policy document pending
- Open ELS economic appraisal – report by Deloitte available beginning of November; operational plan for Open ELS to be defined

## Activity 2 – Arranging technical infrastructure

- Replacing Spatineo monitoring tool by Kartverket's monitoring tool and Security Manager by an interim solution
- API and Linked data – building a demonstrator
- Arrangements for European Data Portal – to be done
- User defined visualisation – demonstrations available by CNIG and NLS Finland
- On-the-fly edgematching service – completed, demonstrator available

# Brief overview on Activities (2/2)

## Activity 3 – Data supply content -

- Support product building activities
- DPA management
- Metadata for European Data Portal
- Capacity building and engagement plan

## Activity 4 – User orientation and requirements

- Product roadmap and stages defined, collaboration amongst all activities required
- SME survey and interviews to identify their needs and demand
- Building 3 use cases (KRISGIS, Eurostat, Westcor)

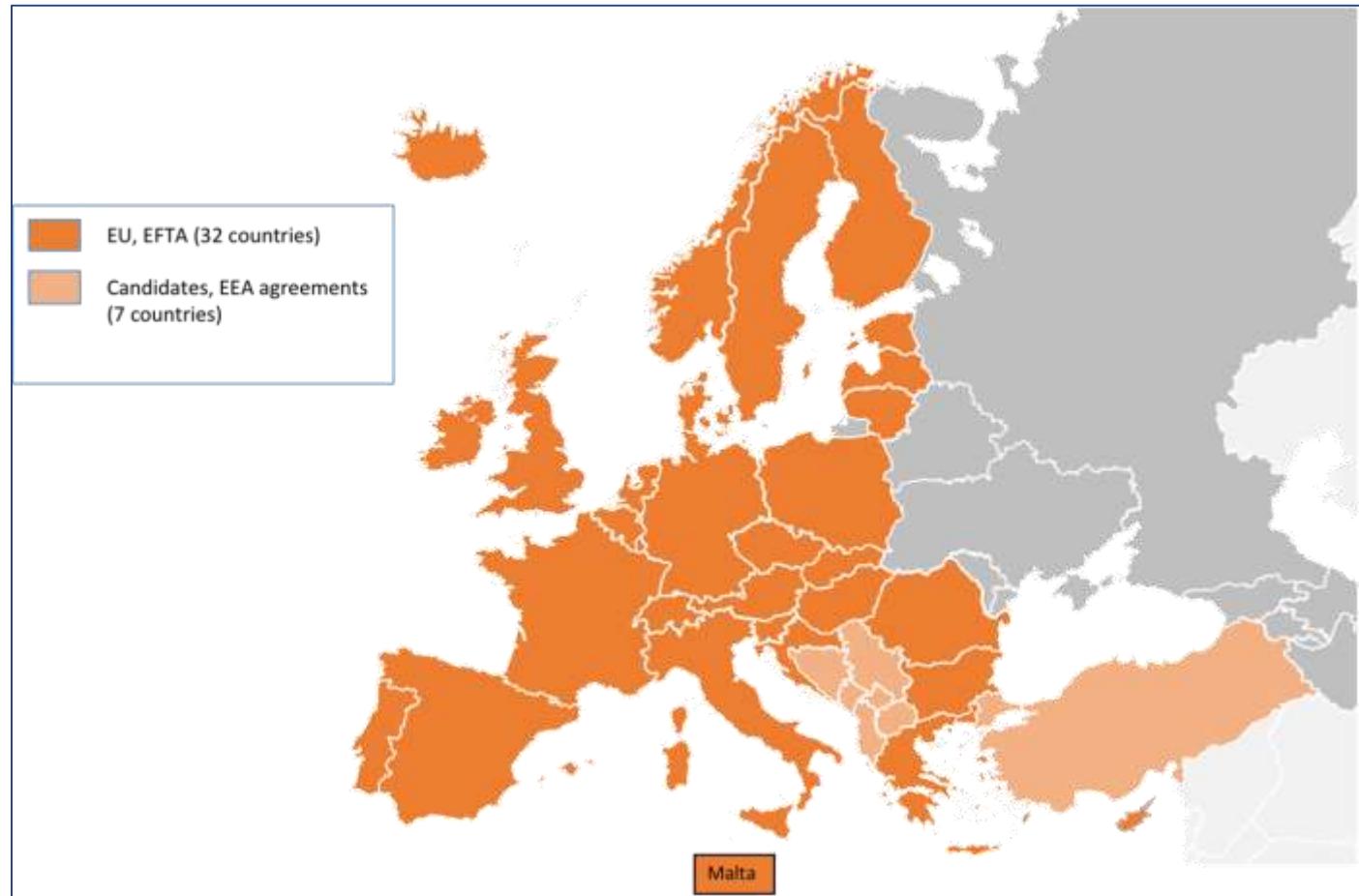
# 6 priority Open ELS products

- WFS - EuroGlobalMap
- WMS - Cadastral Index Map: CZ, FI, NO, ES, NL, DK
- WFS - Pan European Regional Gazetteer (GN)
- WFS - Addresses: CZ, FI, NL, NO, ES,
- WFS - Buildings: CZ, NL, FI, ES
- WFS - Transport Network – Rail: CZ, DK, FI, ES
- WFS - Transport Network – Road: CZ, DK, FI, NO, ES

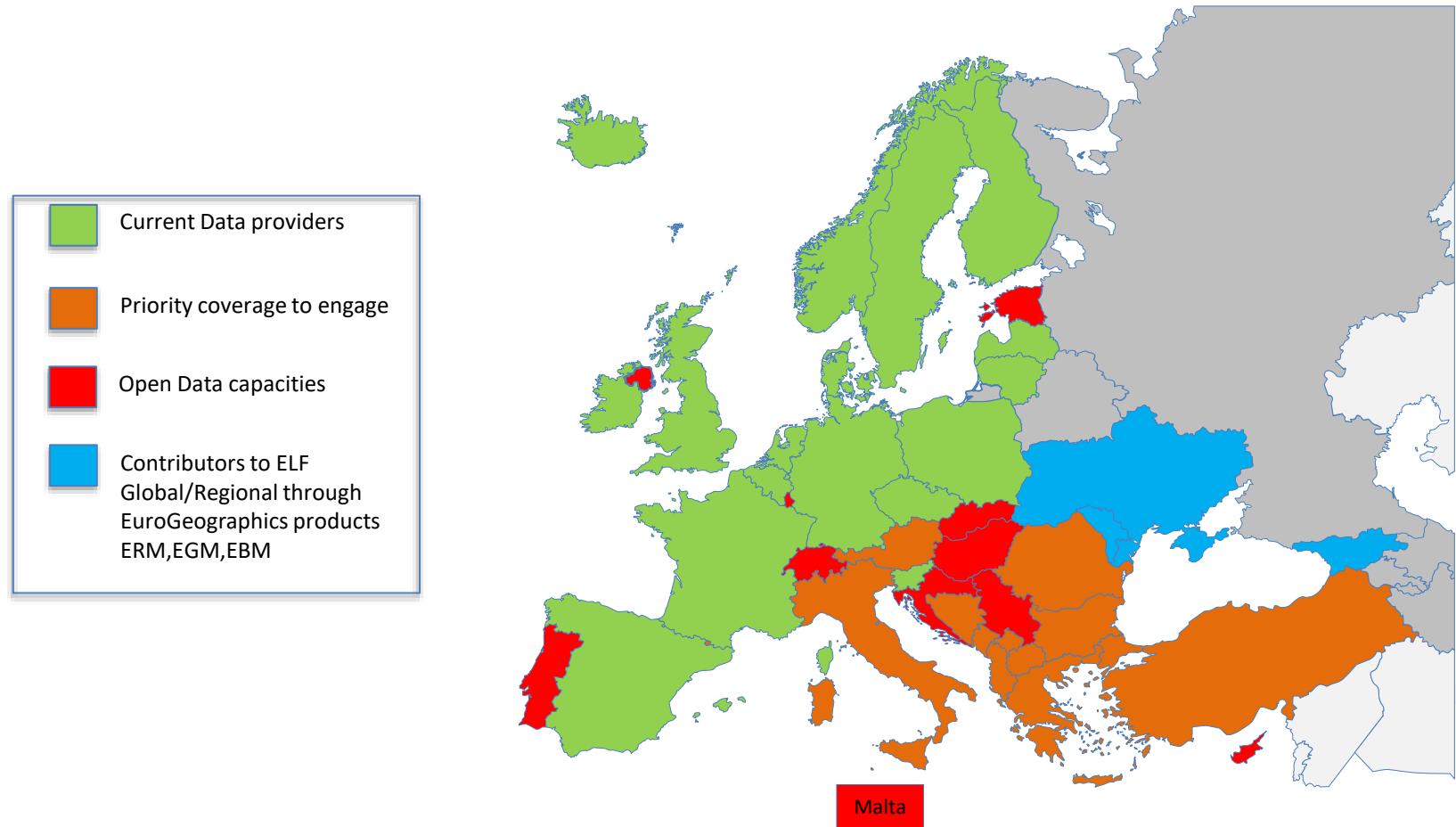
# 14 new services

Theme / service	Country	DP organisation	Initial check results	Compliance to ELS results	Performance test results	Status (in process, completed)	Comments
HY-WFS	Czech R.	CUZK	No major issue	ok		Completed	Tested by Cora (Kadaster)
TN-WFS	Czech R.	CUZK	No major issue	ok		Completed	Tested by Marcin (GUGIK)
BU-WFS	Netherlands	Kadaster	Issues, need update	ok		Completed	Test performed by SDGC
AD-WFS	Netherlands	Kadaster	Some recommendations for improvements, but in general the tests passed.	ok		Completed	Test performed by SDGC
CP-WFS	Netherlands	Kadaster	Issues, need update	ok		Completed	Tested by Ursula (SDGC)
HY-WFS	Netherlands	Kadaster	Issues, need update	ok		Completed	Tested by Marcin (GUGIK)
AU-WFS	Netherlands	Kadaster	Not the full content	ok		Completed	Tested by Roy (KARTV)
TN-WFS	Spain	IGN	Some recommendations for improvements, but in general the tests passed.	ok		Completed	Tested by Marcin (GUGIK)
LC-WFS	Spain	IGN	ok	ok		Completed	Tested by Cora (Kadaster) and Marcin (GUGIK)
GN-WFS	Spain	IGN	ok	ok		Completed	Tested by Cora (Kadaster) and Marcin (GUGIK)
HY-WFS	Spain	IGN	ok	ok		Completed	Tested by Cora (Kadaster) and Marcin (GUGIK)
AU-WFS	Slovakia	Cartography and Cadastre Authority of the Slovak Republic	ok	ok		Completed, imported to GeoLocator DB	Tested by Cora (Kadaster) and Pekka (NLSFI)
GN-WFS	Slovakia	Cartography and Cadastre Authority of the Slovak Republic	ok	ok		Completed	Tested by Cora (Kadaster) and Pekka (NLSFI)
GN-shp	Slovakia	Cartography and Cadastre Authority of the Slovak Republic	ok			Completed, the data have been imported to GeoLocator DB	Tested by Pekka (NLSFI)

# Demanded coverage by European stakeholders



# Engagement of Data providers



# Actions, issues

No	Issue
1	The soonest arrangements for meetings / webinars: Estonia, Slovakia, Switzerland, Hungary, Cyprus
2	Candidate DPs to be engaged at Jan-March 2019: Luxembourg, Serbia, N.Ireland
3	Pending responses: Malta, Portugal, Croatia
4	Initiatives / progress: Italy, Belarus, Ukraine, Moldova

# Task 3.2 – Cross-border edgematching

963.2	<b>Cross-border edge-matching</b>	3-7-17	1-4-19
973.2 .1	Composition of the core team experts	3-7-17	31-7-17
983.2.2	Kick-off meeting with team members	1-9-17	29-9-17
993.2.3	Guidance on cross-border harmonisation v1	2-10-17	30-10-17
1003.2.4	Cross-border harmonisation guidance v1 available	31-10-17	31-10-17
1013.2.5	Validation of guidance v1, comments	6-11-17	20-4-18
1023.2.6	Drafting of the guidance on cross-border harmonisation v.2	2-5-18	28-9-18
1033.2.7	SBE KEN CC meeting (webcall)	3-9-18	28-9-18
1043.2.8	Engagement NMCA on cross-border issues (ongoing)	2-10-17	21-12-18
1053.2.9	Final list of volunteering NMCA	3-9-18	31-1-19
1063.2.10	Facilitation of agreements on cross-border nodes (meetings, web-calls)	3-9-18	28-2-19
1073.2.11	Finalising report on cross-border harominsation	4-3-19	29-3-19
1083.2.12	Report on cross-border harmonisation	1-4-19	1-4-19

# Guidance on implementation of cross-border harmonisation

Open European Location Services (Open ELS)

**Guidance on implementation of cross-border harmonisation**

The instruction for ELS Data providers to edge-match topographical features along borders

Author: Saulius Urbanas  
Date: 23.08.2018  
Version: 0.3

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## Content

- Requirements
- Glossary
- 12 recommended actions
- Communication, reporting
- Best practice example on FR-BE border



## Task 3.2 – actions progress

	Done	Pending	Progress (if not done)
96	X		Draft guidance on cross-border harmonisation v.2
97			Some clarifications are needed from FR and BE
98			Review the guidance in the SBE KEN plenary meeting, Brussels, 8-9 Nov 2018
99			Webinar to NMCAs introducing the guidelines
100			Collection of volunteering NMCAs (?)
101			Support the volunteering NMCAs
102			Report
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