WORKSHOP ON SUSTAINABLE OPEN DATA BUSINESS MODELS FOR NMCAS

Joint Virtual Workshop organised by EuroGeographics and EuroSDR

Presentation of results on Open Data Questionnaire

2 FEBRUARY 2022
Context

- A questionnaire designed as a repetition of a previous one (2017)
- Questionnaire on-line from mid-october to mid-november 2021
- Questionnaire dissemination has “targetted” EuroGeographics permanent correspondants
- Nearly 40 responses registered, from 27 countries
## RESPONSES FROM 27 COUNTRIES

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<tr>
<th>Country</th>
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FROM WHICH YEAR DOES YOUR ORGANISATION SUPPLY OPEN DATA?
## WHO WERE THE EARLY ADOPTERS?

<table>
<thead>
<tr>
<th>Country</th>
<th>Organizations</th>
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<tbody>
<tr>
<td>Portugal</td>
<td>DG Território (DGT)</td>
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<td></td>
<td>University of Zagreb Faculty of Geodesy</td>
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<tr>
<td>Croatia</td>
<td>Geodetic Institute of Slovenia</td>
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<tr>
<td>Spain</td>
<td>Dirección General del Catastro</td>
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<tr>
<td>Ukraine</td>
<td>The State Service of Geodesy, Cartography and Cadastre</td>
</tr>
<tr>
<td>Slovenia</td>
<td>Geodetic Institute of Slovenia</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>Czech Office for Surveying, Mapping and Cadastre</td>
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<tr>
<td>Belgium</td>
<td>Digitaal Vlaanderen</td>
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<tr>
<td>Lithuania</td>
<td>National Land Service under the Ministry of Agriculture</td>
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<tr>
<td>Germany</td>
<td>Federal Agency for Cartography and Geodesy (BKG) and AdV</td>
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<tr>
<td>Great Britain</td>
<td>Ordnance Survey and HM Land Registry</td>
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<tr>
<td>Finland</td>
<td>National Land Survey of Finland</td>
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<td>Denmark</td>
<td>Agency for Data Supply and Efficiency</td>
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<td>Nederlands</td>
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<td>France</td>
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<td>Iceland</td>
<td>The National Land Survey of Iceland</td>
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<tr>
<td>Georgia</td>
<td>National Agency of Public Registry</td>
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</table>
IS THE OPEN DATA DIRECTIVE TRANSPOSED IN YOUR COUNTRY?

- 19: This is not applicable in my country
- 14: No, not yet
- 2: Don't know
- 1: Yes
MAIN OPEN DATASETS OF YOUR ORGANISATION (POPULARITY)?

- Administrative data: 7
- Buildings Map: 6
- Cadastral map: 1
- Covid-19 statistics: 3
- DTM: 1
- House Price statistics: 6
- orthophoto: 1
- Place Names: 7
- Topographic Map: 1
WHICH IS THE PART OF PUBLIC FUNDING IN YOUR GENERAL REVENUE?

**before OD**

- 90 à 100%: 10
- 50 à 89%: 8
- 30 à 49%: 2
- <29%: 4
- NA: 2

**after OD**

- 90 à 100%: 12
- 50 à 89%: 6
- 30 à 49%: 2
- <29%: 2
- NA: 4
HOW DOES YOUR ORGANISATION FINANCE OPEN DATA?

- Don't know
- Not applicable, no open data
- Other
  - Through (additional) compensation from central government
  - Through (extra) compensation from public sector high-volume users
  - Through (extra) revenue from other data related services
  - Through internal efficiency measures
FOLLOW OPEN DATA NATIONAL POLICY OR FORMULATED YOUR OWN VERSION?

- Not applicable, no open data
- Follow nat. OD policy w/out adaptations
- Own specific OD policy
- Partially follow nat. OD policy
WHICH OPEN DATA LICENCES DO YOU USE?

- Open Government Licence
- Own OD licence
- Creative Commons licences
- Mix Creative Commons and own OD licences
- No answer

18
15
2
1
1
WHICH MEASURES HAVE YOU TAKEN TO ENSURE THE LONG-TERM SUSTAINABILITY OF OPEN DATA?

- supply OD in open data standards
- OD tools / platforms to facilitate users
- metadata in open format
- supply linked OD
- (re)allocated sufficient resources
- appointed CDO / Data Steward
- participate with OD user groups / forums
- encourage feedback from the citizen (crowd sourced data)
- n/a no OD
WHAT ARE THE REASONS/MOTIVATIONS FOR OPEN DATA WITHIN YOUR ORGANISATION?

Legal obligation: Very important

Higher efficiency / lower transaction costs for us: Somewhat important

Higher efficiency / lower transaction costs for others: Neutral

Higher data quality (feedbacks, etc.): Not very important

More transparency / less corruption: Neutral

More economic growth: Not very important

More societal benefits: Somewhat important

More requests for our fee-based (tailor-made) products / services: Neutral

Unknown: Unknown

Very important: Very important

Somewhat important: Somewhat important

Neutral: Neutral

Not very important: Not very important

Not important at all: Not important at all
HOW WOULD YOU ASSESS THE LEVEL OF OPEN DATA MATURITY OF YOUR ORGANISATION?

- n/a, no OD
- Open data institutionalised and OD leader
- OD institutionalised within org.
- Programme phase
- Project phase
- Pilot phase
WHAT EFFECTS OPEN DATA SUPPLY HAD ON YOUR ORGANISATION?

- No noticeable effects
- Extra server capacity
- Extra security measures
- More questions re data
- More feedback
- More requests for other OD
- Revenue fee-based data / services dropped significantly
- More request for fee-based data / services
- More requests for tailor-made / consultancy / products /...
- Revenue fee-based services increased
- Complaints from companies
- Requests for advice on OD implementation
- Other
- N/a no OD
WHAT IS YOUR VISION ON THE FUTURE OF OPEN DATA IN YOUR ORGANISATION?

- Full OD: 9
- Improvement: 5
- Increase: 2
- Increase but uncertainty: 3
- N/a: 2
- Uncertainty: 15
WHAT IS YOUR VISION ON THE FUTURE OF OPEN DATA IN YOUR COUNTRY?

- Full OD
- improvement
- increase
- achieved
- improve data literacy
- become a role model
- improve coordination in administration
- No bright future
- n/a
IN YOUR OPINION, WHAT ARE THE KEY SUCCESS FACTOR(S) THAT HAVE OR WILL CONTRIBUTE THE MOST TO A SUSTAINABLE OPEN DATA ECOSYSTEM?

- Financing the provision
- Data quality
- Political commitment
- Feedbacks from users
- Cooperation
- N/A
- Transparent governance
- Metadata and attributes
- Frequency of deliveries
- Uniform licences
- Users community
- Interoperability
- Responsibility for the data
- FAIR data before funded data
- Reliable business cases
- Be useful from the perspective of real-life of users' use cases
- People
- Economic growth
- Metadata
- Free of charge
- Knowledge
- Efficiency and cost saving for general publics and professionals
- Data availability
- Standards
- Clarity in the purpose of making OD
- Communication between providers and users
- Improve technical exchange platforms
- Balance of revenue
- Guarantee for 24/7 operation
- Good understanding of the implications of making data
- Metadata and attributes
AS A CONCLUSION: TRENDS FROM 2017 TO 2021?

- A lot of confirmations in fact, among these
  - Open Data is here to stay, more than ever (but not without sustainable (co)fundings)
  - More cooperation between stakeholders (data suppliers, public sector members, users...) matters
  - A lot of NMCAs are engaged in Open Data even if the EU directive is not transposed yet in their country
  - ...

...
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