

# FINANCIAL MODELS FOR KEY SPATIAL INFORMATION DATASETS – A QUESTIONNAIRE

## 1. Organisation

a) name

b) website

## 2. Id. No.

## 3. Contact person

a) surname, name, academic title(s)

b) e-mail

c) telephone

This questionnaire was created as part of “*The model of rights management and sharing the core spatial data sets including pricing*” project of the Technology Agency of the Czech Republic implemented on behalf of the Czech Ministry of the Interior in connection with the GeoInfo Strategy Action Plan approved by Czech Government Resolution No. 539 of 8 July 2015. The first part of the questionnaire titled “Finding spatial information” serves as reference for comparison with a questionnaire survey conducted by the European Commission, the findings of which are available at [http://inspire.ec.europa.eu/reports/consultations/INSPIRE\\_Public\\_Consultation\\_Report\\_final.pdf](http://inspire.ec.europa.eu/reports/consultations/INSPIRE_Public_Consultation_Report_final.pdf).

Please reply to the following questions from the point of view of your organisation. If you have any questions, please do not hesitate to contact, RNDr. Karel Charvát ([charvat@ccss.cz](mailto:charvat@ccss.cz)), the principal investigator at the Czech Center for Science and Society.

On behalf of the entire investigation team, we thank you for your cooperation and time spent filling in this questionnaire.

## 4. Organisation type (select only a single option)

- governmental or other public administration institution at national level
- governmental or other public administration institution at regional level
- governmental or other public administration institution at local level
- (municipality)individual or a legal entity performing public
- administrative functionsstate-owned enterprise
- private entity research
- institution educational
- institution
- other type of organisation

5. The following organisation administers the dataset for our organisation (name, Id. No., contact person – surname, name, academic title(s), e-mail, telephone)

6. If you responded to question 5, please state whether and under what kind of regime are the costs of the contractor organisation counted towards the overall costs of spatial data/services; in other cases please disregard this question.

**FINDING SPATIAL INFORMATION**

7. Our organisation is a producer or user of spatial information in the following themes:  
(select all applicable options)

*Coordinate reference systems*

producer

producer (in electronic form)

user

*Geographical grid systems*

producer

producer (in electronic form)

user

*Geographic names*

producer

producer (in electronic form)

user

*Administrative units*

producer

producer (in electronic form)

user

*Addresses*

producer

producer (in electronic form)

user

*Cadastral parcels*

producer

producer (in electronic form)

user

*Transport networks*

producer

producer (in electronic form)

user

*Hydrography*

producer

producer (in electronic form)

user

<i>Protected sights</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Elevation</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Land cover</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Ortho-imagery</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Geology</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Statistical units</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Buildings</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Soil</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Land use</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Human health and safety</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Utility and governmental services</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Environmental monitoring facilities</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Production and industrial facilities</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Agricultural and aquaculture facilities</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Population distribution and demography</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user
<i>Area management/restriction/regulation zones &amp; reporting units</i>	<input type="checkbox"/>	producer	<input type="checkbox"/>	producer (in electronic form)	<input type="checkbox"/>	user

*Natural risk zones*  
 producer  producer (in electronic form)  user

*Atmospheric conditions*  
 producer  producer (in electronic form)  user

*Meteorological geographical features*  
 producer  producer (in electronic form)  user

*Bio-geographical regions*  
 producer  producer (in electronic form)  user

*Habitats and biotopes*  
 producer  producer (in electronic form)  user

*Species distribution*  
 producer  producer (in electronic form)  user

*Energy resources*  
 producer  producer (in electronic form)  user

*Mineral resources*  
 producer  producer (in electronic form)  user

other, please specify below:

Producer of:

Producer of (in electronic form):

User of:

Other work with spatial information (added value to data belonging to another organisation, where the result is subsequently used by a third organisation):

**8. Spatial data of our organisation (select all applicable options)**

- are evaluated in terms of quality (e.g., positional accuracy) under an international standard (such as ISO 19157)
- are evaluated in terms of quality under national standard (e.g., accuracy criteria)
- are not evaluated in terms of quality under a guaranteed standard
- I don't know how data quality is defined in our organisation

**9. Spatial data of our organisation (select only a single option)**

- are not published on a website
- are published on a website
- are published on a website in a machine-readable format (such as shapefile)
- are published on a website in a machine-readable open format (such as GML)
- are published on a website according to RDF standards
- are published on a website according to RDF standards and linked to other data

**10. Spatial data and associated web services of our organisation are documented using metadata in**

- text form (such as Microsoft Word or in print)
- table form (such as Microsoft Excel, Access, other databases)
- in an XML structure (such as using a metadata editor)
- in an XML structure under INSPIRE guidelines for metadata (legislative or technical)
- we do not have metadata for our spatial data and web services

**11. Spatial data of our organisation can be found in a metadata catalogue (select all applicable options)**

- EU INSPIRE geoportal (<http://inspire-geoportal.ec.europa.eu/discovery/>)
- national INSPIRE geoportal (<http://geoportal.gov.cz/web/guest/catalogue-client>)
- our organisation's geoportal
- another place, please specify below

**FINANCIAL MODELS AND DATA POLICY**

**12. Our organisation's budget allocates certain amount(s) for the individual types of spatial data/services (e.g., there is a key for allocation of funding to individual departments)**

- yes
- no

**13. Our organisation has a list of priorities in the area of spatial data and associated services**

yes, the following:

no

**14. Our organisation has specified the life cycle of data sources**

yes

no

partially, we estimate in about  % of cases

**15. In our organisation, the distribution of spatial data is financed as follows:**

**16. In providing access to/use of spatial data and associated services, the data policy (licences, fees, copyright, etc.) is as follows (select all applicable options)**

- an agreement must be signed
- licence agreement confirmation (e.g. click-through license agreement)
- spatial data and associated web services are provided freely
- other data policy mechanism(s)

**17. Our organisation has a data policy enabling access to and use of spatial data including related web services without limitation of re-use (select all applicable options)**

- data and related web services are provided free of charge
- data and related web services are provided free of charge **to national and international** public sector organisations in their scope of competence; private sector organisations and individuals have paid access
- data and related web services are provided free of charge **only to national** public sector organisations in their scope of competence; private sector organisations and individuals have paid access

- data and related web services are subject to paid access for all users
- data and related web services are considered secret and thus are not accessible (barring exceptions)
- other data policy mechanism(s)

**18. If your organisation's data and related web services are provided free of charge, this is true in the following proportion of cases (select only a single option)**

- in all cases
- in 76 – 99% of cases
- in 51 – 75% of cases
- in 26 – 50% of cases
- in 1 – 25% of cases
- spatial data and associated web services are not provided free of charge

**19. In case of paid spatial data and associated web services (select only a single option):**

- the data can be ordered via our organisation's online store (e-shop)
- the data can be ordered via another organisation's online store (e-shop) (please fill in the name and URL address)

- the data cannot be ordered via online store (e-shop)

**20. After meeting the conditions under your organisation's data policy, the spatial data can be obtained (select all applicable options)**

- via a web service (e.g. OGC Web Feature Service)
- via a storage with pre-defined spatial data files (such as an FTP server)
- by sending them to the applicant on a data medium (CD, DVD), e.g. by mail
- by copying them on a data carrier brought in personally (e.g. a thumb drive)
- by other means, please specify

**21. Please state (real or estimated) annual costs of acquisition/administration of spatial data and associated web services (in thousands of CZK) and the revenues from spatial data and associated web services, ideally as an average for the previous 5 years**

a) costs of acquisition of new spatial data

b) costs of administration of existing spatial data

c) costs of the sale of spatial data

d) costs of administration of associated web services)

e) revenues from the sale of spatial data

f) revenues from the sale of associated web services

**22. Describe three main benefits of the financial model and data policy of your organisation.**

**23. Describe three main barriers posed by the financial model and data policy of your organization.**

**24. In your opinion, would your organisation benefit from providing public services (spatial data, associated web services) via a public-private partnership (PPP)?**

- strongly agree
- agree
- disagree
- strongly disagree
- don't know/undecided



**25. Optional comments and suggestions**

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