

Organization (this question is mandatory)	Geodesy, Cartography and Cadastre Authority of the Slovak Republic
Country (this question is mandatory)	Slovak Republic
Phone number	+421259374206
Fax number	+421254774753
Contact e-mail address	ofukany@geodesy.gov.sk
Do you have a national policy on geo-information, which prescribes data standards to be implemented? (This question is mandatory)	Yes [121]
Do you have a national policy on geo-information, which prescribes data standards to be implemented? (This question is mandatory)(other)	
If applicable, please identify the national policy referred to in the previous question.	The Act No. 215/1995 Coll. of the National Council of the Slovak Republic (NC SR) on geodesy and cartography, The Act No. 261/1995 Coll. of the NC SR on the State Information System, The Act No. 3/2002 Coll. of the NC SR on the real estate cadastre and on the entry of the owner's and other rights to real estates (cadastral law), The Act No. 215/2002 Coll. of the NC SR on electronic signature, The Act No. 428/2002 Coll. of the NC SR on protection of personal data
What is your relation with data production? (This question is mandatory) (Geospatial Industry)	
What is your relation with data production? (This question is mandatory) (Data user)	
What is your relation with data production? (This question is mandatory) (Data producer)	Yes [Y]
What is your relation with data production? (This question is mandatory)(other)	The National Mapping and Cadastral Agency
Have you been involved in co-production initiatives? (This question is mandatory)	Yes [Y]
Please provide examples of co-production efforts	INSPIRE, International Commission for Protection Danube River, SABE, EuroGlobalMap, EuroRoadS, EuroRegionalMap, EuroMapFinder, EuroGeoNames, European Land Information Service
Are you member of a geospatial producer organisation? (This question is mandatory)	Yes [Y]
Of which geospatial data producer organization(s) are you member?	EuroGeographics
Are you concerned by or involved in a geospatial infrastructure initiative? (This question is mandatory)	Yes [Y]
Which geospatial infrastructure initiative are you concerned by or involved in? (Sub-national)	
Which geospatial infrastructure initiative are you concerned by or involved in? (National)	Spatial Data Infrastructure of Slovak Republic
Which geospatial infrastructure initiative are you concerned by or involved in? (Regional (e.g., INSPIRE in Europe))	INSPIRE, EUPOS, EUREF, UEGN, UELN, EUVN, WHS

Which geospatial infrastructure initiative are you concerned by or involved in? (International (e.g., GSDI))	
Which geospatial infrastructure initiative are you concerned by or involved in? (Other)	
How do you interchange/deliver geospatial data? (This question is mandatory) (Not applicable)	
How do you interchange/deliver geospatial data? (This question is mandatory) (On-line ordering)	
How do you interchange/deliver geospatial data? (This question is mandatory) (On-line access and delivery)	Yes [Y]
How do you interchange/deliver geospatial data? (This question is mandatory) (Delivery on physical media)	Yes [Y]
How do you interchange/deliver geospatial data? (This question is mandatory)(other)	
Which on-line access and delivery mechanisms does your organization support? (Cartographic service (Web Map like service))	Yes [Y]
Which on-line access and delivery mechanisms does your organization support? (Feature based data (Web Feature like data))	
Which on-line access and delivery mechanisms does your organization support? (Imagery and gridded data based data (Web Coverage like data))	
Which on-line access and delivery mechanisms does your organization support? (FTP delivery)	Yes [Y]
Are geospatial standards important for your organisation?	Yes [Y]
Why are geospatial standards not important for your organization?	
Why are geospatial standards important for your organization?	quality, interoperability, searching in metadata, trade with GI, harmonisation, completeness
What resources does your organization dedicate to the implementation of standards?	4
What resources in terms of person-year per year are dedicated to the development of new standards or participation in standardisation activities?	1
What other resources are used in relation to standardisation?	cooperation within the Working Group for Geographic Information Systems in the state administration, member of EuroGeographics Expert Groups (on Legal & Commercial Issues, on Geodesy, on Quality, on Cadastre and Land Registration), member of ISO/TC 211, CEN/TC 287
Are you concerned by other, non-GI, standards?	Yes [Y]
Please provide examples of non-geospatial standards that concern you.	RTCM SC-104

With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (National Standardisation Body)	Yes [Y]
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (comment)	membership
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (ISO/TC 211)	Yes [Y]
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (comment)	membership
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (CEN/TC 287)	Yes [Y]
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (comment)	membership
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (Open Geospatial Consortium)	
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (comment)	
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (National Legislation or similar)	Yes [Y]
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (comment)	membership
With which of the following geospatial standardisation activities does your organization have a relation? Please also indicate the type of relationship. (other)	
Which aspects of geospatial standardisation are you interested in? (Data definitions and classification of features)	Yes [Y]
Which aspects of geospatial standardisation are you interested in? (Data Content)	Yes [Y]
Which aspects of geospatial standardisation are you interested in? (Spatial referencing)	Yes [Y]
Which aspects of geospatial standardisation are you interested in? (Core data model (geometry, topology, time, ...))	Yes [Y]
Which aspects of geospatial standardisation are you interested in? (Data Quality)	Yes [Y]
Which aspects of geospatial standardisation are you interested in? (Symbology/data representation (portrayal))	Yes [Y]
Which aspects of geospatial standardisation are you interested in? (Metadata)	Yes [Y]

Which aspects of geospatial standardisation are you interested in? (Data Exchange Formats)	Yes [Y]
Which aspects of geospatial standardisation are you interested in? (Data interchange & services)	Yes [Y]
Which aspects of geospatial standardisation are you interested in? (Imagery)	Yes [Y]
Which aspects of geospatial standardisation are you interested in?(other)	
Which geospatial standards are you using? (ISO/TC 211 (ISO 19101 to ISO 19141))	Planned [SU3]
Which geospatial standards are you using? (CEN/TC 287)	Current [SU2]
Which geospatial standards are you using? (Open Geospatial Consortium (OGC))	Planned [SU3]
Which geospatial standards are you using? (National)	Legacy [SU1]
Which geospatial standards are you using? (Industry standards)	Legacy [SU1]
Do you have documentation (profiles, guides, surveys, case studies, operational scenarios,...) available related to your use of the geospatial standards?	Yes [Y]
Please indicate which material is publicly available and how this material is accessible.	Catalogue of objects for GIS primary database - DIGEST was used, download from www.geodesy.gov.sk/download/KO_10_2004.pdf
What is the level of awareness regarding the use of geospatial standards in your organisation?	5
What is the perceived benefit / cost ratio of using geospatial data standards in your organisation?	1
What are the most pressing current challenges for standards <i>development</i> ? (1)	Resources [331]
What are the most pressing current challenges for standards <i>development</i> ? (2)	Institution co-operation [333]
What are the most pressing current challenges for standards <i>development</i> ? (3)	Developing technology [334]
What are the most pressing current challenges for standards <i>development</i> ? (4)	Training and education [332]
What are the most pressing current challenges for standards <i>development</i> ? (5)	Other [335]
If other is ranked high, please explain	
What are the most pressing current challenges for standards <i>implementation</i> ? (1)	Other [335]
What are the most pressing current challenges for standards <i>implementation</i> ? (2)	Resources [331]
What are the most pressing current challenges for standards <i>implementation</i> ? (3)	Institution co-operation [333]

What are the most pressing current challenges for standards implementation ? (4)	Developing technology [334]
What are the most pressing current challenges for standards implementation ? (5)	Training and education [332]
If other is ranked high, please explain	trade with GI, e-government, e-commerce, e-business
Which specific areas would you like ISO/TC 211 or other standardisation bodies to address?	We do not have any specific areas.
What kind of information or materials are you missing?	We miss examples of the ISO standards implementations.
Have you ever considered the use of the following published standards? (ISO 19101 – Reference Model)	No [PSU04]
Have you ever considered the use of the following published standards? (ISO 19104 – Terminology)	Uncertain [PSU03]
Have you ever considered the use of the following published standards? (ISO 19105 – Conformance and testing)	No [PSU04]
Have you ever considered the use of the following published standards? (ISO 19106 – Profiles)	No [PSU04]
Do you feel that the following draft standards are relevant to your organisation? (ISO 19101-2 – Reference Model - Imagery)	Uncertain [DST02]
Do you feel that the following draft standards are relevant to your organisation? (ISO 19103 – Conceptual Schema Language)	Uncertain [DST02]
Do you feel that the following draft standards are relevant to your organisation? (ISO 19135 – Procedure for registration of geographical information items)	Planned [DST01]
What could be done to ease the use of these so-called framework standards?	examples of implementation
Have you identified gaps in or inconsistency between these standards?	No [N]
If yes, please explain or provide link to material explaining the gaps or inconsistencies.	
Have you ever considered the use of the following published standards? (ISO 19110 - GI methodology for feature cataloguing)	Uncertain [PSU03]
Have you ever considered the use of the following published standards? (ISO 19115 - GI metadata)	Planned [PSU02]
Do you feel that the following draft standards and/or ongoing ISO/TC211 projects are relevant to your organisation? (ISO 19115-2 GI metadata part 2: extensions for imagery and gridded data)	Planned [DST01]
Do you feel that the following draft standards and/or ongoing ISO/TC211 projects are relevant to your organisation? (ISO 19126 - GI Profile FACC data dictionary)	Planned [DST01]
Do you feel that the following draft standards and/or ongoing ISO/TC211 projects are relevant to your organisation? (ISO	Planned [DST01]

19131 - GI data product specifications)	
What could be done to ease the use of these standards?	examples of implementation
Have you identified gaps in or inconsistency between these standards?	No [N]
If yes, please explain.	
Have you ever considered the use of the following published standards? (ISO 19111 - GI spatial referencing by coordinates)	Planned [PSU02]
Have you ever considered the use of the following published standards? (ISO 19112 - GI Spatial referencing by geographic identifiers)	Planned [PSU02]
Have you ever considered the use of the following published standards? (ISO 19127 - GI geodetic codes and parameters)	Uncertain [PSU03]
Do you feel that the following draft standards are relevant to your organisation? (ISO 19130 - GI Sensor data models for imagery and gridded data)	Uncertain [DST02]
What could be done to ease the use of these standards?	examples of implementation
Have you identified gaps in or inconsistency between these standards?	No [N]
If yes, please explain.	
Have you ever considered the use of the following published standards? (ISO 19107 - GI Spatial schema)	Planned [PSU02]
Have you ever considered the use of the following published standards? (ISO 19108 - GI Temporal schema)	Planned [PSU02]
Have you ever considered the use of the following published standards? (ISO 19115 - GI Metadata)	Planned [PSU02]
Do you feel that the following draft standards and/or ongoing ISO/TC211 projects are relevant to your organisation? (ISO 19109 - GI Rules for application schema)	Uncertain [DST02]
Do you feel that the following draft standards and/or ongoing ISO/TC211 projects are relevant to your organisation? (ISO 19137 - GI Core profile of the spatial schema)	Uncertain [DST02]
Do you feel that the following draft standards and/or ongoing ISO/TC211 projects are relevant to your organisation? (ISO 19141 - GI Schema for moving features)	Uncertain [DST02]
What could be done to ease the use of these standards?	examples of implementation
Have you identified gaps in or inconsistency between these standards?	No [N]
If yes, please explain.	
Have you ever considered the use of the following published standards? (ISO 19113 - GI Quality principles)	Planned [PSU02]
Have you ever considered the use of the following published standards? (ISO 19114 - GI Quality evaluation procedures)	Planned [PSU02]

Have you ever considered the use of the following published standards? (ISO 19115 - GI Metadata)	Planned [PSU02]
Do you feel that the following draft standards and/or ongoing ISO/TC211 projects are relevant to your organisation? (ISO 19138 - GI Data quality measures)	Uncertain [DST02]
What could be done to ease the use of these standards?	examples of implementation
Have you identified gaps in or inconsistency between these standards?	No [N]
If yes, please explain.	
Do you feel that the following draft standards and/or ongoing ISO/TC211 projects are relevant to your organisation? (ISO 19117 - GI Portrayal)	Uncertain [DST02]
Have you identified gaps in or inconsistency between this project and other standards?	No [N]
If yes, please explain.	
Have you ever considered the use of the following published standard? (ISO 19115 - GI metadata)	Planned [PSU02]
Do you feel that the following ISO/TC211 projects are relevant to your organisation? (ISO 19115-2 GI metadata part 2: extensions for imagery and gridded data)	Planned [DST01]
Do you feel that the following ISO/TC211 projects are relevant to your organisation? (ISO 19139 - GI metadata - XML schema implementation)	Planned [DST01]
What could be done to ease the use of these standards?	examples of implementation
Have you identified gaps in or inconsistency between these standards?	No [N]
If yes, please explain.	
Have you ever considered the use of the following published standard? (ISO 19115 - GI metadata)	Planned [PSU02]
Do you feel that the following draft standards and/or ongoing ISO projects are relevant to your organisation? (ISO 19118 - GI Encoding)	Planned [DST01]
Do you feel that the following draft standards and/or ongoing ISO projects are relevant to your organisation? (ISO 19136 - GI Geography Markup Language)	Planned [DST01]
What could be done to ease the use of these standards?	examples of implementation
Have you identified gaps in or inconsistency between these standards?	No [N]
If yes, please explain.	
Have you ever considered the use of the following standards? (ISO 19116 - GI Positioning services)	Planned [PSU02]

Have you ever considered the use of the following standards? (ISO 19119 - GI Services)	Planned [PSU02]
Have you ever considered the use of the following standards? (ISO 19125-1 GI- Simple feature access part 1, common architecture)	Uncertain [PSU03]
Have you ever considered the use of the following standards? (ISO 19125-2 GI - Simple feature access part 2, SQL-option)	Uncertain [PSU03]
Do you feel that the following draft standards and/or ongoing ISO projects are relevant to your organisation? (ISO 19128 - GI Web map service interface)	Planned [DST01]
Do you feel that the following draft standards and/or ongoing ISO projects are relevant to your organisation? (ISO 19132 - GI Location based services - reference model)	Planned [DST01]
Do you feel that the following draft standards and/or ongoing ISO projects are relevant to your organisation? (ISO 19133 - GI Location based services - tracking and navigation)	Planned [DST01]
Do you feel that the following draft standards and/or ongoing ISO projects are relevant to your organisation? (ISO 19134 - GI Location based services - multimodal routing and navigation)	Planned [DST01]
What could be done to ease the use of these standards?	examples of implementation
Have you identified gaps in or inconsistency between these standards?	No [N]
If yes, please explain.	
Do you feel that the following on-going ISO projects are relevant to your organisation? (ISO 19101-2 GI Reference Model - Part 2: imagery)	Uncertain [DST02]
Do you feel that the following on-going ISO projects are relevant to your organisation? (ISO 19115-2 GI Metadata - Part 2: imagery and gridded data)	Planned [DST01]
Do you feel that the following on-going ISO projects are relevant to your organisation? (ISO 19123 GI Schema for coverage geometry and functions)	Uncertain [DST02]
Do you feel that the following on-going ISO projects are relevant to your organisation? (ISO 19129 GI Imagery, gridded and coverage data framework)	Planned [DST01]
Do you feel that the following on-going ISO projects are relevant to your organisation? (ISO 19130 GI Sensor data models for imagery and gridded data)	Uncertain [DST02]
Have you identified gaps in or inconsistency between these projects?	No [N]
If yes, please explain.	