CATCHING-UP REGIONS

GEOGRAPHIC INFORMATION SYSTEM

Steering Committee
Prešov, May 17-18, 2018

GIS: Recent developments

1. **AP/AA finalization**

2. **Recent activities with the PSK (April/May)**

3. **Indicative short-term action plan**

4. **Next steps and issues to discuss**

THE WORLD BANK

GIS: Action Plan – Activity 3.1. Design and validation of geo-spatial open data development in region and their publishing to support analytical and decision making processes of PSK

3.1.1 Needs analysis in order to create a department of open data, GIS and regional spatial information database rSDI (including financial analysis and feasibility study)

- establish a common regional spatial data infrastructure (rSDI). In the above-mentioned needs analysis, the following aspects will be analyzed:

- existing data, its structure and purpose of use, as well as the extent to which the data will need to be obtained

- current software and hardware equipment in PSK, networks and possibilities of deploying the most suitable GIS solution for PSK

- financial issues and needs related to the deployment of the infrastructure and setting up of sustainable processes

- Output: Review of the needs and of the capacity concerning the open data workspace, GIS and rSDI, including recommendations

- Duration: 4 months (June 2018 – September 2018)

THE WORLD BANK

GIS: Action Plan – Activity 3.1. Design and validation of geo-spatial open data development in region and their publishing to support analytical and decision making processes of PSK

3.1.2   Human resources training based on the outcomes of the analysis

Following the set-up of the GIS Department in PSK and on the basis of the outputs from the needs analysis, the following will be provided:

- human resources training package;

- introductory workshop(s)

- study visit under TAIEX REGIO Peer2Peer tool

- Output: Training program based on the curriculum requirements for the GIS department staff, supported by a study visit and a basic training.

- Duration: 9 months (June 2018 – February 2019)

THE WORLD BANK

GIS: Action Plan – Activity 3.1. Design and validation of geo-spatial open data development in region and their publishing to support analytical and decision making processes of PSK

3.1.3 Deployment of the geoportal prototype

- The preparation, geocoding and creation of databases will be in accordance with SK and EU legislation (INSPIRE) and standards of open data. The geodatabases will be created for the areas selected on the basis of the needs analysis (point 3.1.1).
- Output: Creation of a geoportal and a catalogue of relevant data sets
- Duration: 12 months (May 2018 – May 2019)

Final output: Functioning GIS infrastructure in selected areas.

Expected results:

- Enhanced capacity of GIS utilization by the Prešov authorities;
- The region is prepared to apply for financing to further develop its GIS potential;
- Functioning GIS infrastructure in selected areas (including pilot use cases).

THE WORLD BANK

GIS: Recent activities with the PSK

Scope

- It was agreed that PSK will provide access to the to existing GIS (Intergraph company)
- Scope of data and selected priority areas (sectors) will be further clarified and agreed following preliminary data inventory but should at least include base data (topography, aerial imagery, addresses, land parcels, etc.).

Mission June 12-16

- WB expert will provide 1 day workshop for PSK on Spatial Data Infrastructures and Open Data, including review of existing projects (focused on EU), tools and technologies, standards and regulation, as well as a presentation of OpenStreetMap.
- WB expert will meet with relevant stakeholders for the needs analysis including at least: PSK GIS team, IT dpts, other PSK relevant dpts, Presov open data and GIS initiatives, INSPIRE focal point, as well as other potential data providers and users (academia, utilities, etc.).

Data inventory

- WB expert will support GIS dpt on conducting a geospatial data inventory;
- To be decided during SCM whether a local consultant is needed to conduct and maintain the inventory;

Other trainings

- WB will finance the GIS basic training (2-days) for the PSK GIS staff (2900€ EUR for 10 persons max). Date of the training to be agreed on.
- Other trainings will be discussed and planned following June's mission.

THE WORLD BANK

EE: Indicative short-term action plan

Inception Report finalization	May 30, 2018
Desk research, questionnaire, initial data inventory and mission preparation	May 15 - June 8
GIS needs analysis mission (including 1 day workshop)	June 12-15, 2018
Preliminary results	SCM June
Follow-up analysis + data inventory	July/August 2018
First draft outputs	End of August 2018

THE WORLD BANK

EE: Next steps and issues to discuss

Next steps
- Inception Report – draft elaborated by May 15, its finalization till May 30.
- General division of tasks WB, PSK + possible EC role (TAIEX for trainings).
- Need for a local consultant.
- GOV Office of the SR – when is the call? What can be financed with the EU funds available – SW, WH, trainings ?

Implementation Issues
- PSK has access to an online geoportal deployed in 2015 and maintained and hosted by Integraph company. Portal contains 32 datasets owned by PSK (not open data).
- There is a need to further review the contract with Integraph, current portal and data, as it might serve as a temporary solution.
- Dates of GIS training.

Information and Data Needed for Further Analysis
- Data inventory.
- Institutional framework and main stakeholders for GIS and Open Data in Slovakia.
- Main stakeholders (PSK organogram, external data producers, users, intermediaries);
- IT capacities at PSK.

THE WORLD BANK