



What kind of SDI? Slovakia case

*What kind of infrastructure/data should
be covered by the public sector?*

Martin Tuchyňa

INSPIRE Conference 2016, Financing the Evolution of Spatial Data Infrastructures Workshop,
27.09.2016, Barcelona, Spain



Outlook

- Main drivers
- Motivations and governance
- Content (Data resources)
- Environment (Infrastructure)
- Role of public sector
- Value for the money

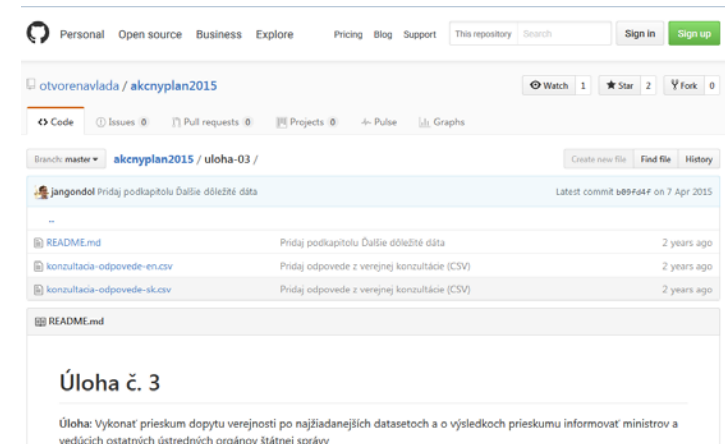
Main drivers

- Legislation
 - PSI
 - INSPIRE
 - eGovernment
 - Domain specific legislation
- Technology
 - ICT development
 - Standardisation
 - Cloudification



Main drivers

- Vox populi
 - [OGP 2015 – Public survey for the most wanted datasets](#)
 - Out of 15 most requested datasets – 12 geo related:
 - Cadaster
 - Election results
 - Census outcomes
 - Addresses
 - Transport + Traffic accidents
 - Crime data
 - Timetables
 - Environment (state and pollution)
 - Building permissions + Land planning
 - Tourism



Main drivers

- Vox populi
 - Communities
 - [Slovensko.digital](#)
 - NGO focused on improvement of public digital services
 - [Platform](#): Collaborative and discussion environment
 - [Ecosystem](#): Open Data, APIs, Services :
 - Register of legal entities
 - Central register of public contracts
 - Public procurement journal
 - Business register
 - Register of financial statements

Main drivers

- Market
 - Navigation
 - Gamification
 - Mobile services

- Research and development
 - Data science
 - Citizens science
 - Volunteered geographic information



Motivations & Governance

- Close synergy with eGovernment
 - National Concept for eGovernment (NKIVS ver2-6)
 - 1. Maximize the value of services for citizens and businesses,
 - 2. Improving the quality and efficiency of the public administration,
 - 3. Increasing openness and credibility of government,
 - 4. Better eGov governance
- Coordination with [Open Government Partnership](#)
 - Harmonised licensing framework
 - Open Data and Application Programming Interfaces
 - Integration on with eGov and INSPIRE

Content (Data)

- INSPIRE Themes
 - INSPIRE priority datasets aspects
 - Use of INSPIRE extensions to meet national needs
- OGP most wanted datasets

Environment (Infrastructure)

- Based on reference architecture of public sector
- Using integration among partial systems (Only Once)
- Standardisation
- Using eGov cloud infrastructure

Role of public sector

- Priority to secure and guarantee “Public interest”
- Support coherent policy development and implement.
- Create and maintain data resources of public interest
- Share the data resources via APIs
- Reuse existing data and software
- Stimulate the added value generation (Hackathons, Workshops, MeetUps...)



Value for the money

- Cost / Benefit analysis in Slovak public sector
- March 2016 – Proposed [study demonstrating the effective system to search](#) the highest value for the money in Public sector (Filko, Kišš, Ódor)
- April 2016 – [Principles incorporated into the New Government Program Declaration](#)
- [August 2016](#) – First outcomes - Costs revisions for:
 - Transport
 - Health
 - eGovernment

In total 40% of costs of public sector from state budget

 - Better use of eGov services can deliver value of 4 M€
 - Full utilisation of public cloud - 7 M€



Thank you & questions

martin.tuchyna@sazp.sk