



**INSPIRE implementation from the perspective of CZ  
(European) SMEs  
INSPIRE**

**Opportunity or Threat**

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Help Service Remote Sensing



# Short introduction

- **European Projects:**

- IST 1999-21056 Wirelessinfo
- IST 2000-28077 Premathmod
- IST da Vinci project
- Humboldt Project <http://www.esdi-humboldt.eu>
- I&CLC2000 Project
- CLC2006 Project (Cenia)
- Plan4all
- Habitats
- Plan4business
- Open Transport Net
- SDI4App

- **National Project:**

- SpravaDat (Data Management)
- Prezem
- Geoplans



# Short introduction

- OGC member, INSPIRE DT
- Member of CCSS and WirelessInfo
- research networks
- Web applications
  - map applications
  - metadata applications
  - metadata portals
- GIS data processing,
- Remote sensing data processing
- Open Source development
- Server outsourcing



# INSPIRE experiences

- HSRS was active in INSPIRE from beginning, already in preparation phase
- Already in 2002 publishing first WMS in Czech (Forest Management Institute)
- In 2003 (January) we participate in JRC Ispra on first interoperability test



# Opportunity's, Challenges or Threats

this part is not from position of our company, but from point of view of SME generally

- INSPIRE promise a lot for SMEs

•But

- Not all, what is promised really happened
- (In reality situation in Czech R. is much more optimistic then in many other part of Europe)



# Threats

- INSPIRE infrastructure building – usually building of INSPIRE infrastructure is organized in large tenders, qualification requirements doesn't give chance for SMEs participation
  - Main qualification is sum from previous implementation (from 1 x to 3 x higher then is sum in tender)
  - A lot of different certification for managers
  - Not taking into account previous experience and history of company
- Implementation of INSPIRE is usually bringing into GI business large IT non GI companies, SMEs has chance only be subcontractor
- Large projects could be also dangerous for SMEs, there is need for long time involvement, SME could lose position on broader market, SME is then oriented on one customer and lose this customer, could lead to crash of company
- Push of large usually US companies, that only their technologies are INSPIRE compliant



# Challenges

- Till now implementation of INSPIRE didn't bring on the market enough available data, usually are available only WMS (not data), but there exist exception like Czech Cadaster, UK generally, England, Spain, but there is not global EU coverage
- For many SMEs OGC standards and also INSPIRE infrastructure is too complex for usage, so they prefer something simple with global coverage (for example Google Maps)
- INSPIRE is till now not visible for SMEs companies outside of GI sector
- Not clear licenses policies



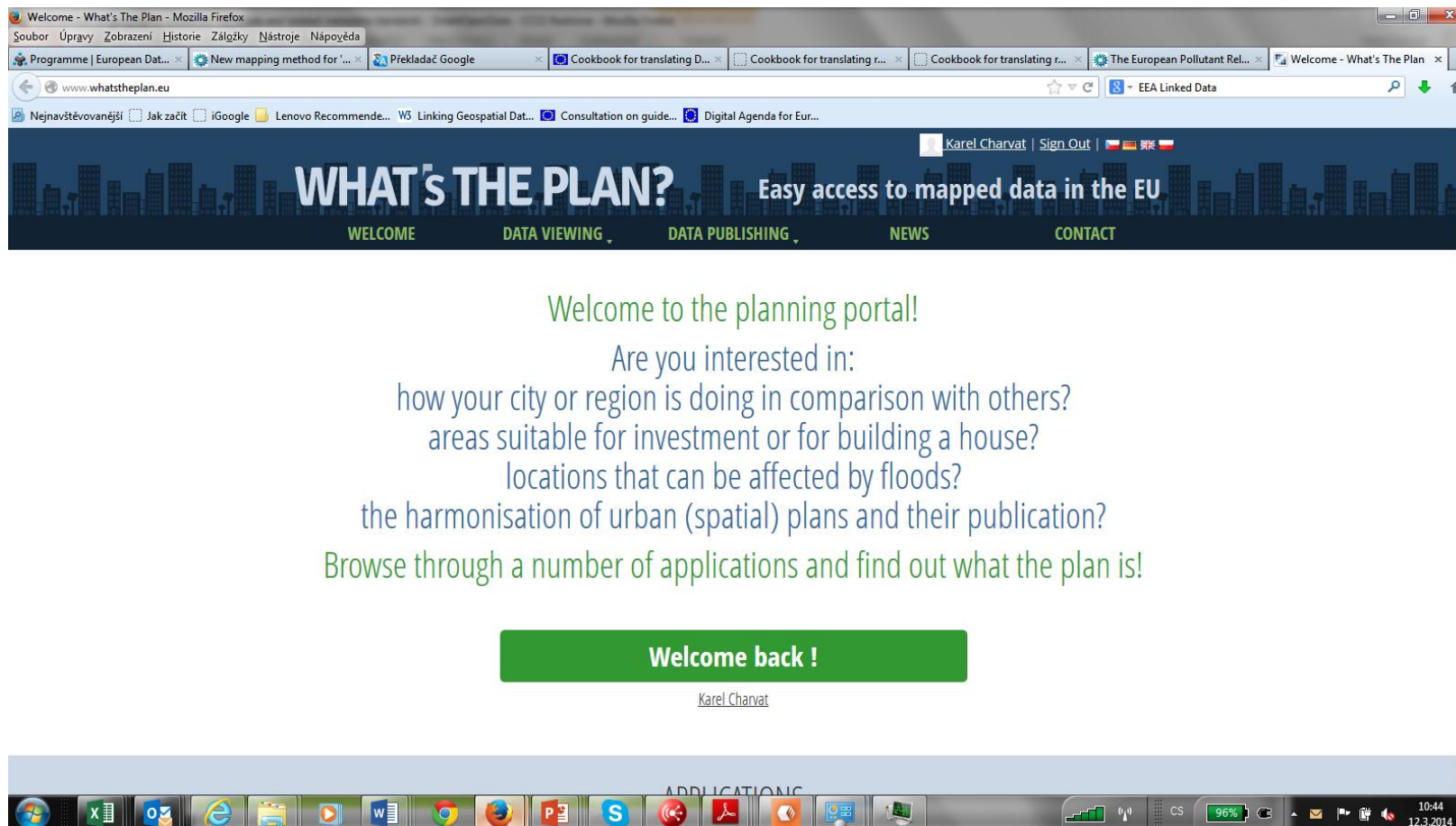
# Opportunities

- INSPIRE start to generate demand on “INSPIRE compatible” solution on local level
- WMS supported a lot of local applications or eventually also commercial applications without necessary to have own data
- New trends (not fully compliant with current INSPIRE legislation) like Linked Open Data are opening new possibilities
- Till now seems, that there is better chance for local micro SME to build local applications, then global solution





Example <http://www.whatstheplan.eu/>





Example <http://www.whatstheplan.eu/>

Thematic map viewer - What's The Plan - Mozilla Firefox

Soubor Úpravy Zobrazení Historie Záložky Nástroje Nápořádání

Programme | European Dat... | New mapping method for '... | Překladač Google | Cookbook for translating D... | Cookbook for translating r... | Cookbook for translating r... | The European Pollutant Rel... | Thematic map viewer - Wh... |

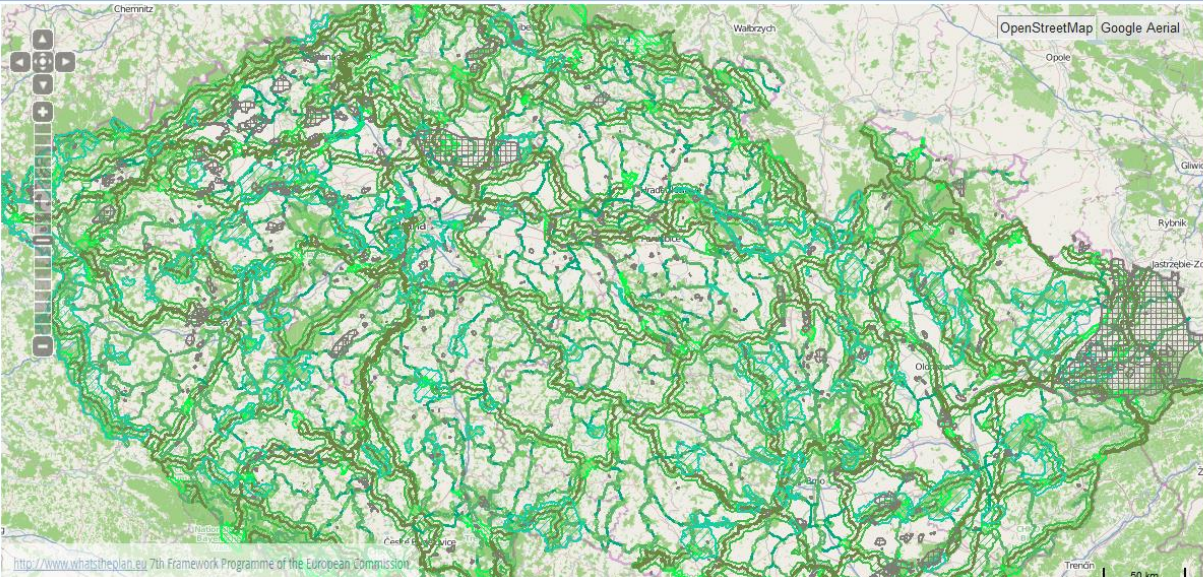
www.whatstheplan.eu/viewer;jsessionid=02940DFAD81AAE9E78AB8537D55D46E7#\_48\_INSTANCE\_jr0B6uqsTvTt=http%3A%2F%2Fwww.whatstheplan.eu%2Fp4b-dev%2Fcat%2F%3F

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WELCOME DATA VIEWING DATA PUBLISHING NEWS CONTACT

P4B: Czech republic protected areas



OpenStreetMap Google Aerial

Annotation

Layers

- ☒ **Chráněná ložisková území**  
Chráněná ložisková území
- ☒ **Chráněné oblasti přirozené akumulace vod**  
Chráněné oblasti přirozené akumulace vod
- ☒ **Přírodní parky**  
Přírodní parky
- ☒ **ÚSES - směry propojení regionálních biokoridorů**  
ÚSES - směry propojení regionálních biokoridorů
- ☒ **ÚSES - osy nadregionálních biokoridorů**  
ÚSES - osy nadregionálních biokoridorů
- ☒ **ÚSES - regionální biokoridory stávající**  
ÚSES - regionální biokoridory stávající
- ☒ **ÚSES - regionální biocentra**  
ÚSES - regionální biocentra
- ☒ **ÚSES - nadregionální biokoridory**  
ÚSES - nadregionální biokoridory
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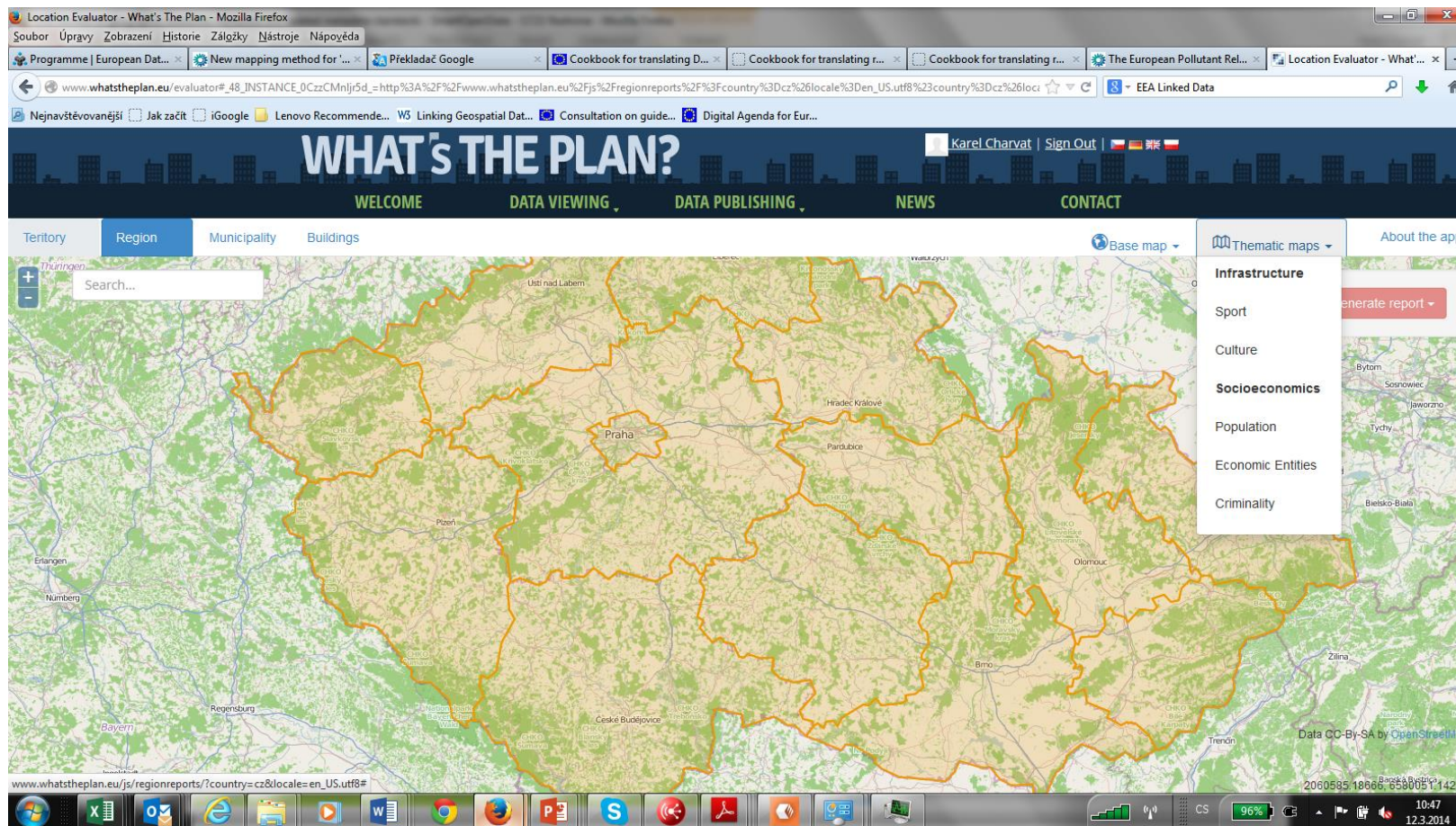
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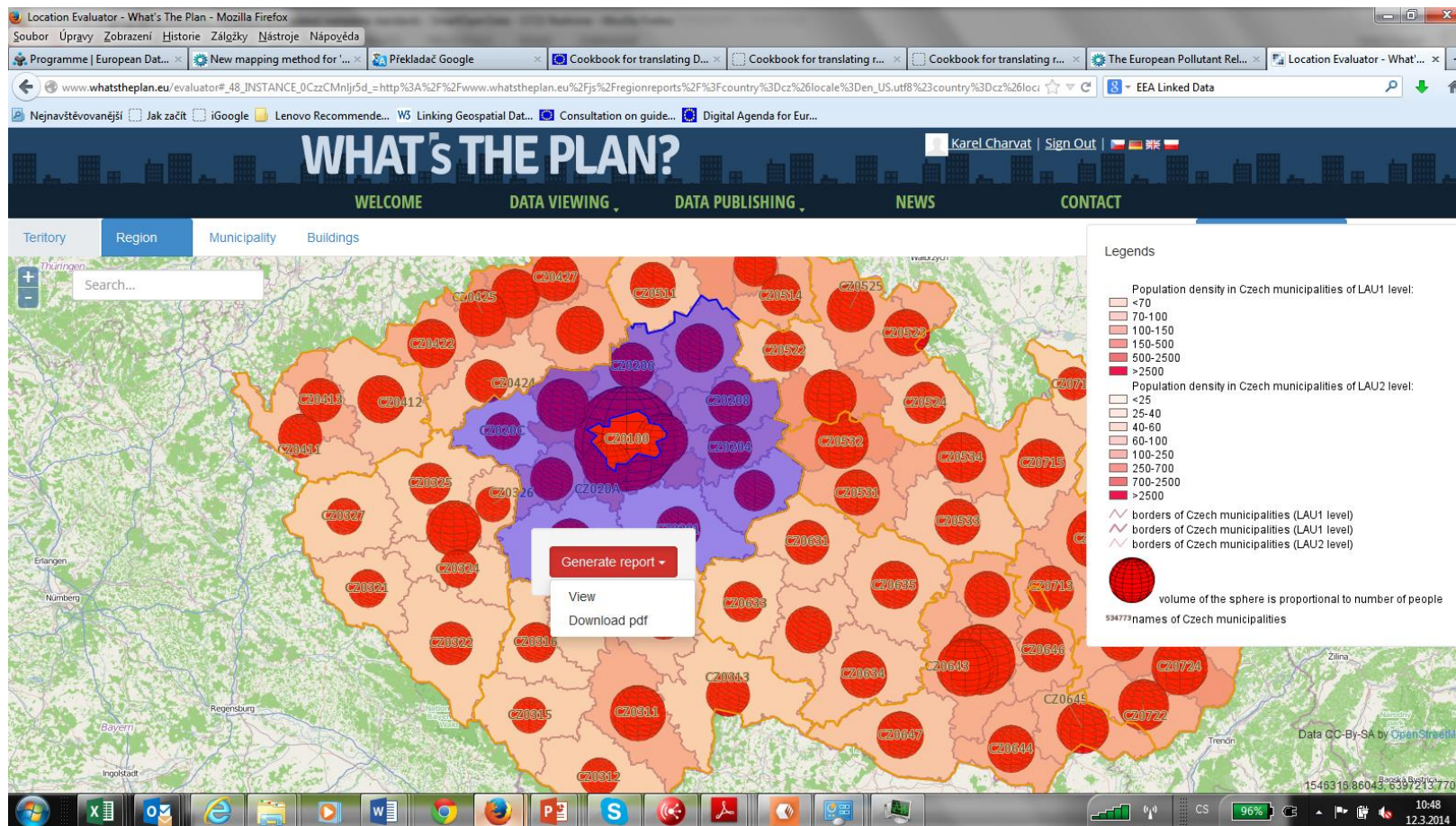
Example <http://www.whatstheplan.eu/>





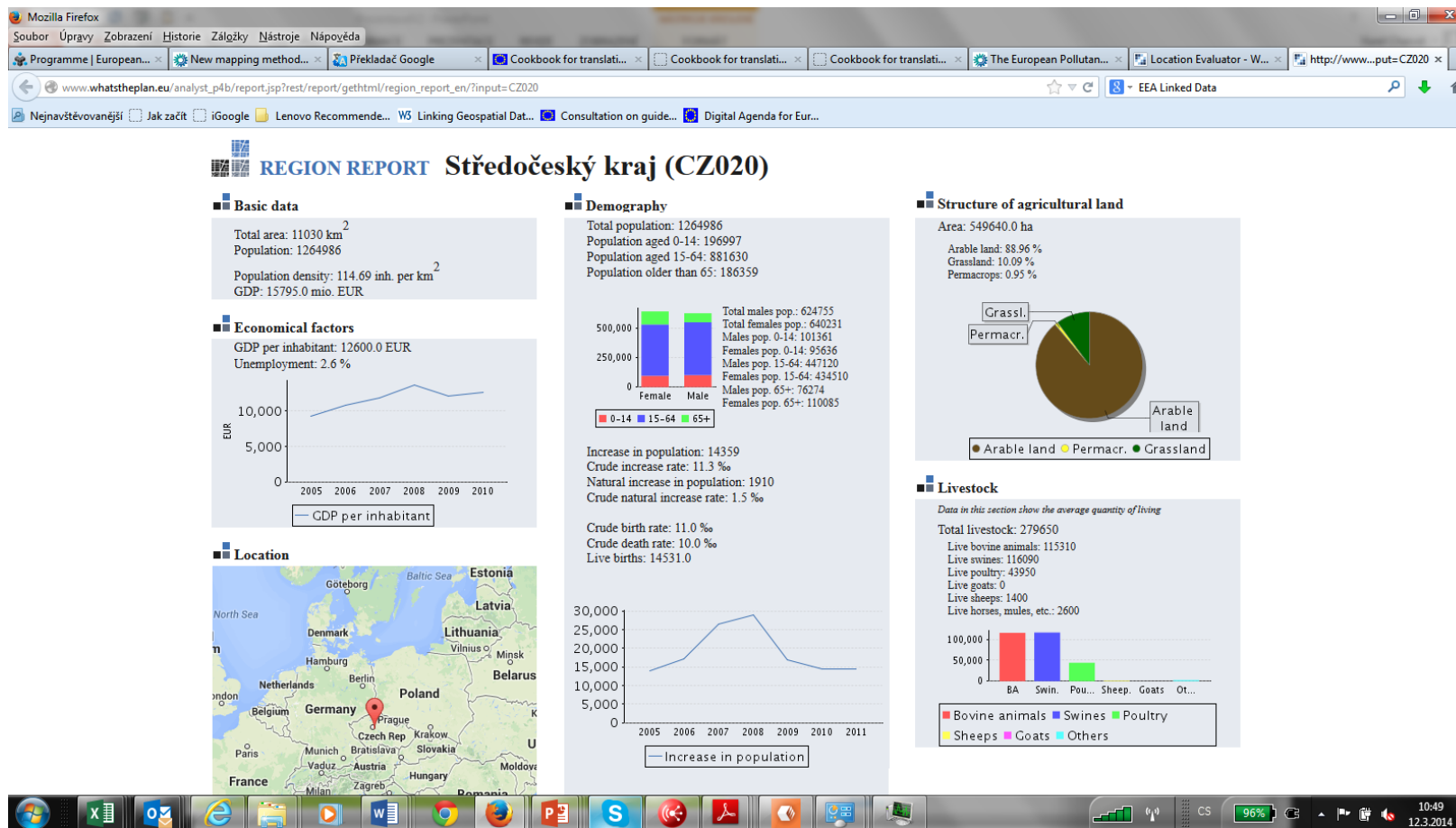


Example <http://www.whatstheplan.eu/>





# Example <http://www.whatstheplan.eu/>





## New initiative

- Establishing international association of Plan4all for sharing of Open Data
- First call for members is expected in end of April or May



- Thanks for attention
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