Non-Governmental Organizations for Spatial Data Infrastructure

Environmental Democracy Case

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Non-Governmental Organisations as SDI Beneficiaries

Environmental NGOs as Target Group

Research and Knowledge transfer

Project Mission:

Research of potentials of the NGOs that have no direct correlation with geospatial information, in regards to the SDI current status on a (supra)national level in the South-East Europe (SEE).
Three Project Partners

- Representing SEE market
- Expertise in relevant domains
- Potential for extrapolate the results

Center for Environmental Democracy

SDI Experts

AGISEE

Centre for Knowledge transfer

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Project Leader

Association for Geospatial Information in South-East Europe

http://www.agisee.org

Promote the **development** of SDI in the SEE region
Promote the **use and sharing** of geospatial information
- in compliance with open standards (INSPIRE, OGC)
- enable sharing of geospatial data for the benefit of the economic development of the region
- contribute to building SDI in the region
- provide relevant information to its members, and to act as enabler/catalyst for new opportunities to members.
Project Leader

Association for Geospatial Information in South-East Europe

Building SDIs in South-East Europe

Serve as a point of contact and effectively represent South-East European companies and institutions involved in the GI sector

Support the GI community and interested parties to develop their own initiatives for data access and data sharing

Collaborate and cooperate with local, national and international organisations

Support and provide relevant information to members
Act as enabler for new opportunities to members
Focus Field Partner

Center for Environmental Democracy

having NO direct correlation to geospatial technologies, but with significant role in the field of environmental protection, with years of experience and projects in portfolio.

working on the promotion of citizens’ access rights, environmental democracy and poverty reduction, as well as on the promotion of human health rights and providing better quality of life and a safer environment, both on domestic level in the Republic of Macedonia, as well as on international level.

http://florozon.org.mk
Knowledge Transfer Partner

Centre for Knowledge transfer

NGO active in the field of consulting with competence both in the SDI domain and NGO spatial information use.

Performed projects primary with organizational, educational and infrastructural activities emphasizing exchange of information and experience.

As EUROGI Member, cooperate with partners network from public, private and NGO sector promoting the GI and sharing the knowledge form the field region wide

http://www.cektra.org/

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Environmental NGO sector in SEE

Researches on NGO status give insight on:

**Overall characteristics**
- Strengthen position over time
  - Dependent concerning funding
  - Wide spectrum of services

**Market representativeness**
- Environment of cross-sector importance
- Public sector information access

**Connection with SDI**
- Environmental data and INSPIRE
- NGO deep in market niches interesting for SDI
- Low level of inclusion in SDI processes
SDI in the region are in expansion
have governmental strategic orientation
market acknowledged value and
international support

SDI implementation still does not reach widest level of
public involvement
underdeveloped role of the tertiary beneficiaries of SDI stakeholders
lack of access to available data
spatial technology availability and level of use

Potentials introduced by the started processes of SDI implementation
need to be supported and injected with a higher level of public involvement.

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Enabling NGO potential in SDI

**Analysis** of NGO potentials

**Propose methods and means** for spatial data usage within NGO

**Indicate the approach** that NGOs could take

**Foster the public involvement and cooperation**

It is to be considered and elaborated:
- **motivation framework**
- **structure**
- **possibilities and advantages** of NGO acting within SDI
Enabling NGO potential in SDI

How spatial data underpins the work of the NGO sector

Enabling NGO potential in SDI

Requirements of the core GIS components in NGO

Hardware

Software

Data

Procedures

People

User-orientated approach:

ensure user commitment

identify the areas for organizational changes

specify functionality requirements

limit the resistance to the new system

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Enabling NGO potential in SDI

- needs assessment
- foster SDI and
- spatial technologies awareness

**Basis** are NGO activities combined with the enriching means of their acting with the added value coming from GIS tools and NSDI
- low-tech GIS
- trainings and use cases from NGO domain of work

**Starting point** lies in already established SDI and projects treating SDI internationally
- ESDIN
- EC Funding opportunities European and National levels covering INSPIRE topics
- HUNAGI
Enabling NGO potential in SDI

Focus Field - Florozon NGO analysis in the project context:

- Financing the activities
- Cooperation with official authorities
  - Basic work conditions
  - Data operated within Florozon
  - Data format and availability
- Data managing
- Spatial services and data needs
- Human resources
- Cooperation with stakeholders and data sharing
Benefits of/for the SDI

Bidirectional connection NGO SDI

NGO as data USER and PRODUCER

Key points for implementing proposed NGO inclusion:
- realizing significance and regulate including NGO in SDI
- assessing NGO needs, data access enabling
- awareness rising and presenting GIS potential within NGO
- tight connectivity of the NGO community - networking

Issues being treated:
- Public participation and data access
- Knowledge and technology transfer for implementing in NGOs
- Direct assistance possibilities
- Budget constraints
Benefits of/for the SDI

Florozon case:
seen as spatial data user and to some extent data producer

The most important activities in this relation would be:
capacity building within organisation in order to use the data

Issues like: data description, quality, standardisation issues, exchange policies and methods
could be addressed through specialised organisations or experts collaborating with Florozon
Project deliverables

Exchanging experience and widening the project scope
Workshop on the project results and recommendations, motivation, framework, structure, possibilities and advantages of potential stakeholder acting within SDI

Documenting and presenting project results
Within report that will be published for stakeholders

Open possibility for starting network that can host projects successors

http://nipp.kartografija.hr/
Towards the new initiative

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