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DEVELOPMENT OF INFRASTRUCTURE FOR SPATIAL INFORMATION BASED ON EUROPEAN INSPIRE DIRECTIVE - CASE STUDY BOSNIAN AND HERZEGOVINIAN GEOPORTAL
1. WHAT IS INSPIRE?

- Geo-information experts of the European Commission, the European Environmental Agency, and the environmental and national mapping bodies of Member States elaborated a proposal for European directive in 2005-06, to establish an European SDI. The proposal was named as *Spatial Information in the European Community*, shortly as INSPIRE.

1. ISO 19100 series of standards was adopted in INSPIRE as technical base.

Levels of spatial data infrastructure:
INTRODUCTION

1. Particular attention is paid to the role of the iGEO portal in this process. The geoportal is modeled after the European Union's Infrastructure for Spatial Information in Europe (INSPIRE) directive to share geographic information across Europe.

2. INSPIRE addresses 34 key spatial data themes organized in three groups (or Annexes to the Directive), reflecting the different levels of harmonization expected and staged phasing. Annexes I and II focus on reference data, while Annex III focuses on data for environmental analysis and impact assessment.
• The deadline for member states to provide discovery and view services in operational mode, according to the INSPIRE regulation on network services was November data sets and services.
Access to countrywide geographic data through an on-line geoportal named “iGEO”.
• Technically, iGEO geoportal is a GeoServer-based set of web services allowing Bosnia-Herzegovinian local municipalities, government agencies and utility infrastructure organizations access to the most precise base map data.
Streaming KML/KMZ services in Google Earth / Municipality Prijedor: 3D buildings and building metadata.
• Streaming super-overlays in Google Earth / Municipality Banja Luka: topographic map draped over DTM.
CONCLUSION

• More and more spatial data within the framework of INSPIRE become available throughout the EU.

• Complexity of the INSPIRE programme is certainly innovative not only in relation to the development of SDIs, but also more gene-rally to the formulation of public policy at the European level.

• All eyes are now clearly focused on the MS. Their experiences in implementing INSPIRE in the coming period will be crucial to the planning and preparatory activities already started for the review of the INSPIRE Directive, which is due in 2014.
THANK YOU FOR YOUR ATTENTION!

http://inspire.ec.europa.eu/