



Welcome Address EuroSDR Workshop

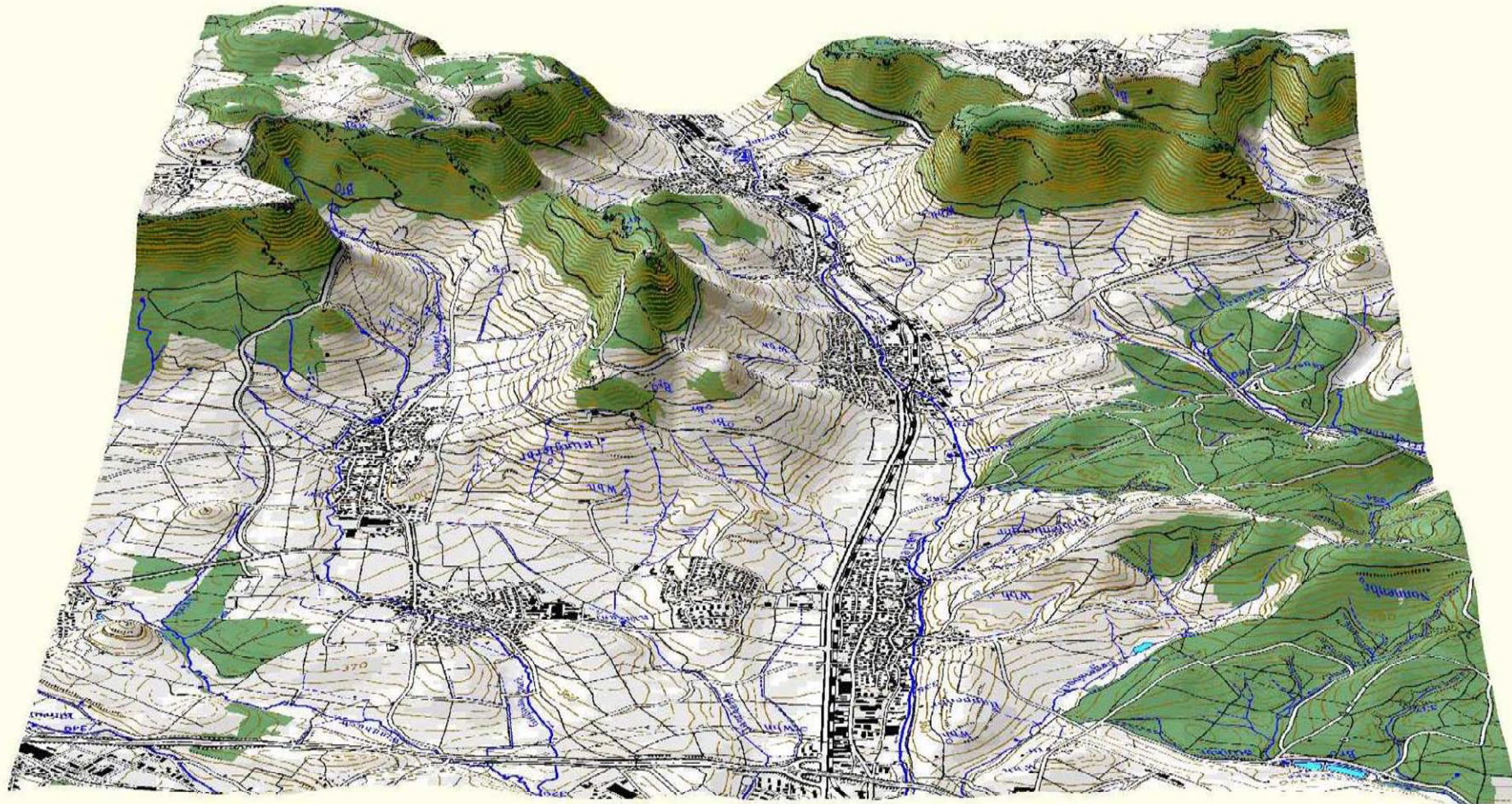
2nd Workshop

“3D Digital Landscape Models”

From 2D Cartographic to 3D Topographic Data

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Vice President Research EuroSDR

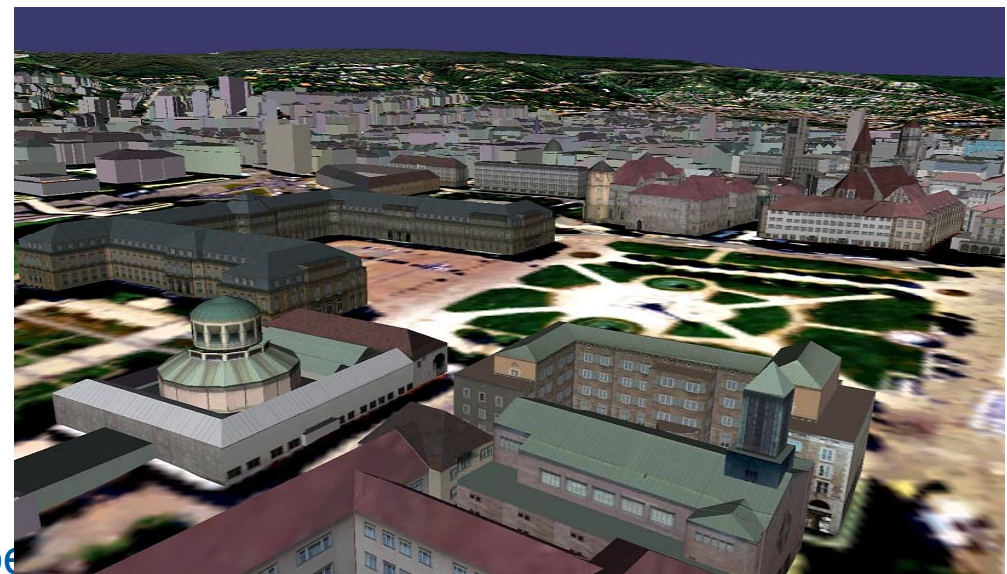
3D Digital Rural Landscape Models ... DTM and Topographic Map Overlay



3D Digital Urban Landscape Models



- Virtual Landscape Models represent information about geometry and textures of
 - Landscapes
 - Buildings
 - Single Objects
- Efficient data collections require appropriate tools
- Use of photogrammetric technologies depends on
 - Platforms
 - Satellites
 - Airborne
 - Terrestrial
 - and sensors
 - Imagery
 - LiDAR
 - IfSAR



1st EuroSDR Workshop

“3D Digital Landscape Models”

Dublin, March 11-12, 2010



- **European** dimension
- Knowledge transfer through **active participation** of member and non-member organisations
 - Experience is shared amongst the participants
 - Most of the countries involved
 - Workshop is a first event in the EuroSDR chain
 - Hopefully a EuroSDR project might be started
 - Publication of results in official EuroSDR series
- **Long term** approach, series should be continued – 3D Landscape models represent the new maps generation!

Outcomes 1st EuroSDR Workshop

“3D Digital Landscape Models”

Dublin, March 12, 2010, 2nd Group



- Very good presentations, good break-out session, new questions and comments:
- Q1 Did this workshop meet your expectations?
- Q2 What was missing?
- Q3 What are the next steps?
- Comments, Questions and Answers:
 - Technology is ready for 3D!
 - NMAs should maintain their role as technology leaders!
 - Let us built a 3D base map!
 - Less NMAs have participated in this workshop
 - Do we have a clear picture of future products?
 - It seems that 3D topographic modela are data driven and technology driven, resp. – Is there a demand? What about underground and above Earth?

Outcomes 1st EuroSDR Workshop

“3D Digital Landscape Models”

Dublin, March 12, 2010



Comments, Questions, Answers (cont2.):

- What have GIS providers to offer in 3D (eg GRASS SW, Intergraph Voxel Analyst?)

The group finally agreed on the following Action Items:

- Integrate the ideas of this workshop in the upcoming EuroSDR Rolling Reserach Plan
- Organize a 2nd Workshop already in November 2010
- The workshop should be focussed on the 3 lines: (1) 3D Landscape Models, (2) 3D City Models, and (3) 3D Data Structures/3D Databases/3D Standards

A proposal was already made to have the 2nd WS in Munich/Germany!!!