

THE OFFICIAL TOPOGRAPHIC-CARTOGRAPHIC SYSTEM OF REPUBLIC OF CROATIA

Igor VILUS, CROATIA

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Present legal framework

- Law on State Survey and Real-Estate Cadastre (1999.)
- Ordinance on Topographic Survey and State Map Production (2001)
- Law on State Survey and Real-Estate Cadastre (2007.)
- Ordinance on Topographic Survey and State Map Production (2008)

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Reference framework

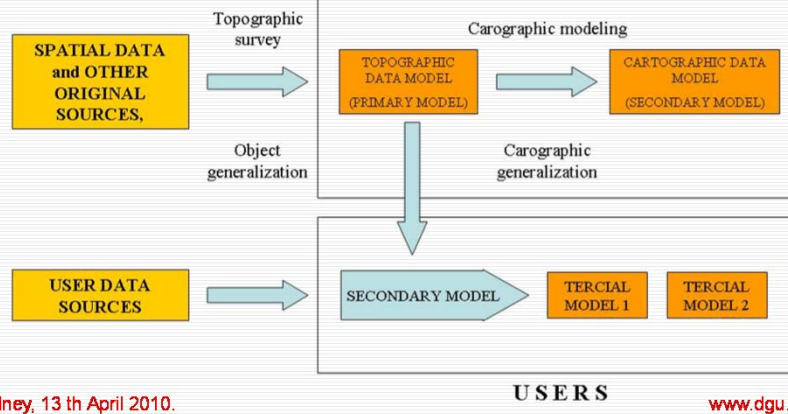
- Many studies produced for SGA in topographic domain in period 1992.-2008.
- STOKIS, CROTIS, Product Specifications
- Reasons for this step:
 - Croatia gaining independence
 - Establishment of modern Spatial system in Croatia
 - Removing obstacles for efficient usage of GIS and IT
 - Creating preconditions for development of Information Society in Croatia

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Reference framework

STOKIS - Official Croatian Topographic - Cartographic Information System (1992)

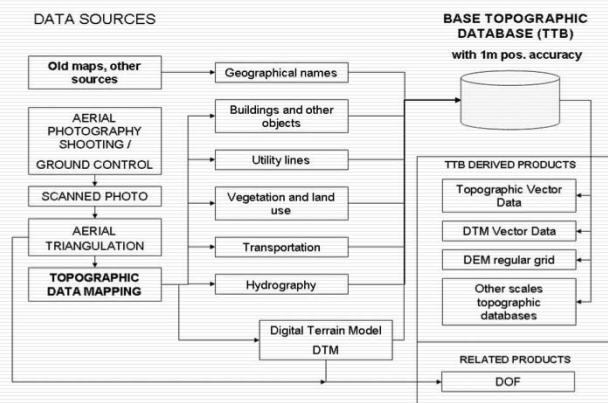


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Reference framework

CROTIS - Croatian topographic information system (1996)



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Reference framework

PRODUCT SPECIFICATIONS – CRONO-GIP, Norwegian – Croatian cooperation



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Institutional setup



- Distribution and standardization
- Clearing and production control
- Financing and transparent procurement
- Distribution to users

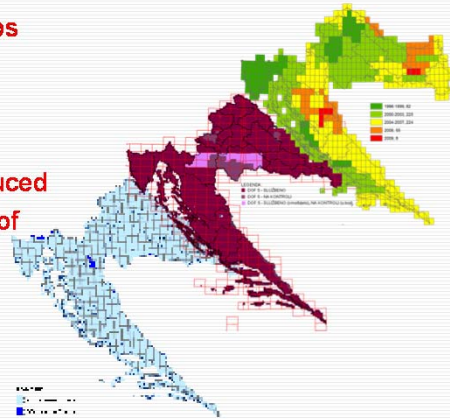
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Official mapping

WHAT IS BEEING DONE ?

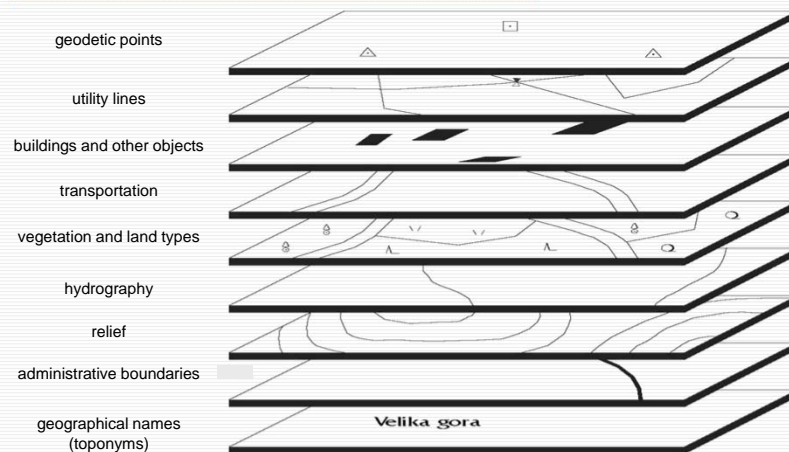
- We produced all Croatian base maps (9802 maps)
- We covered all territory with digital orthophoto
- All maps in scale 1:25000 are produced
- We have topographic data for 70% of RoC



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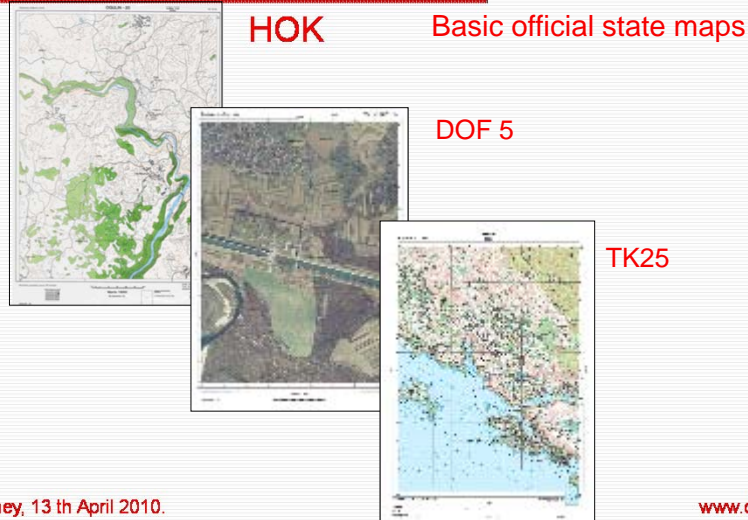
Official mapping



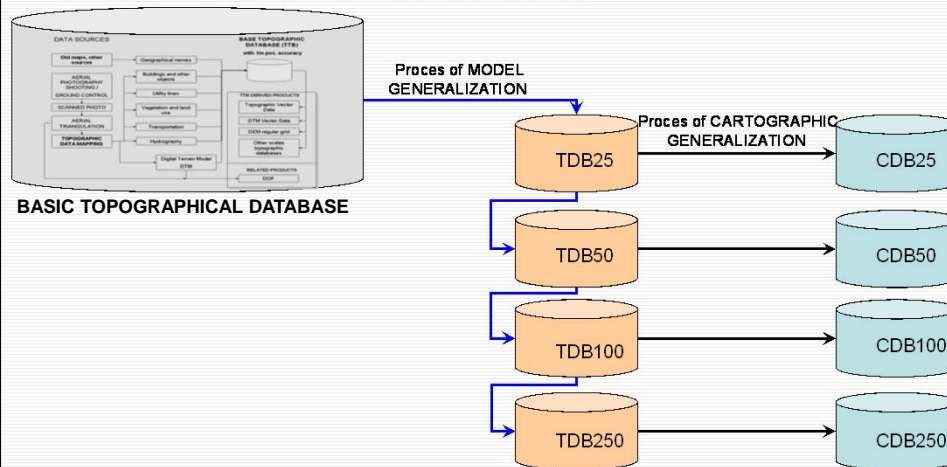
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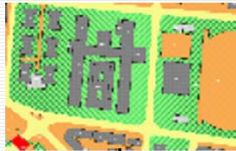
Official mapping



Official mapping



Official mapping



During the model generalisation procedure, there are **no object displacements**, so that the required accuracy of topographic data isn't spoiled



Proces of CARTOGRAPHIC GENERALIZATION



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Official mapping

WHAT IS NEXT ?

- production of maps in other scales (1:50000, 1:100000, 1:250000)
- updating of existing digital topographic data sets
- establishment of topographic and cartographic data bases for all "official scales"
- establishing effective updating procedures

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SGA vision

- Open market for sharing geoinformation with increased offer and usage of spatial data
- Open spatial network through integration of NSDI in E-administration
- State – private – academic consensus driven partnership
- Decision support for government, citizens and private companies

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Concluzion

- ***Croatia is on its way to Information Society.***
- ***Policy, technical standards and production will be in accordance with European standards***
- ***Spatial data is considered as economic resource that has to be produced and integrated in value system and exchange***
- ***Market mechanisms will be used for coordination of production and demand - related to spatial data.***
- ***NSDI will be the way for development of Croatian spatial data market.***
- ***That will lower the prices of transactions for provision and usage of spatial data and in the end, drastically increase the data utilization.***
- ***It will motivate not only the spatial data market, but also all aspects of economy that depend on availability of reliable spatial data sources.***

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Thank you for your attention!

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