

Establishment of MOLDPOSa Continuosly Operating Reference Stations Network for Moldova (5663)

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SESSION TS06E -GNSS CORN Infrastructure and Applications II





Summary:

- 1. The Republic of Moldova-general data
- 2. Agency for Land Relations and Cadastre Overview
- $3. \ \ Geodetic\ Datum\ and\ System's\ condition$
- 4. Background to MOLDPOS CORS Net
 - 1.1. Project funding
 - 1.2. Project parties and contractors
 - 1.3. Project outcomes
- ${\bf 4.\ MOLDPOS\ CORS\ Net\ Infrastructure}$
- 5. Current status MOLDPOS Net
- 6. MOLDPOS Services
- 7. MOLDPOS Applications
- 8. Cross border data exchange
- 9. The future direction
- 10. Summary 10. References

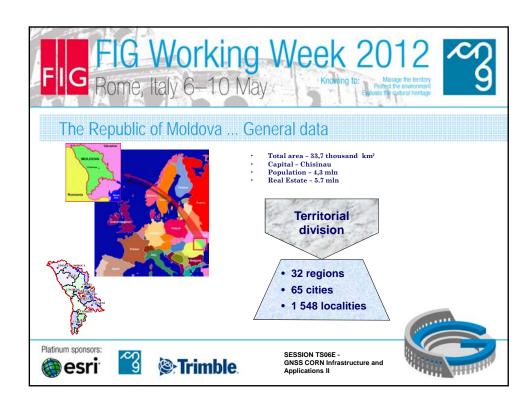














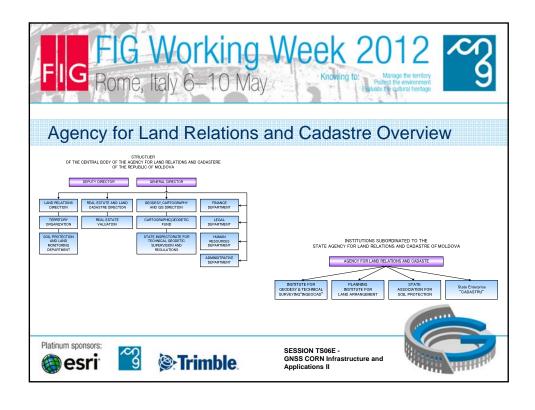
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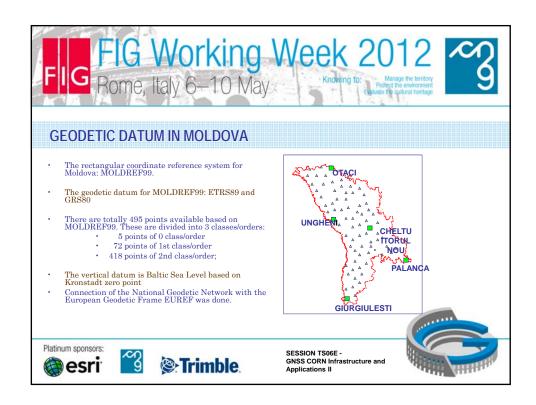
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OBJECTIVES OF MOLDPOS Net

- The main objective Establishment of a system for cost-effective utilization of satellite based (GPS) surveying for ownership registration and other field activities: MOLDPOS;
- To maintain and develop the National coordinate reference system and associated geodetic infrastructure;
- To work closely with international Geodetic GI and GNSS communities;
- To provide a GNSS and Geodesy services to and on behalf of Government;
- To promote the science of geodesy and positioning and its value to policy makers, the scientific community and wider society.







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PROJECT FUNDING

- Norwegian Ministry of Foreign Affairs granted to the project "Moldova - Line Maps for Development: NOK 8 470 000 - to be implemented over 2 years
- 2 main components:
 - i) line maps for 5 000 km²
 - ii) 10 Permanent Reference Stations and Control Centre

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PROJECT PARTIES AND CONTRACTORS

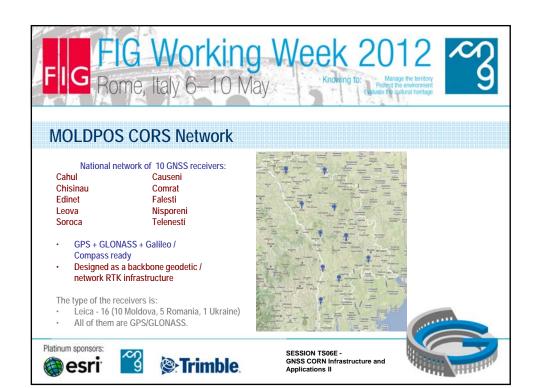
- Norway:
- Norwegian Ministry of Foreign Affairs
- Norwegian Mapping Authority Statens kartverk
- Moldova
- · Agency for Land Relations and Cadastre of Moldova
- · Contractors:
- · Leica Geosystems
- · Servalux Ltd, Moldova
- · MoldTelecom, Moldova
- · Local Public Authority of Moldova

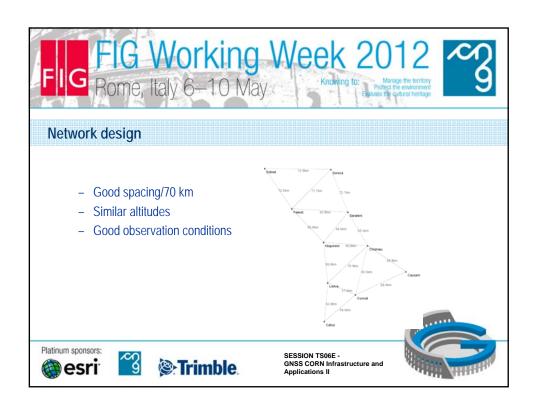


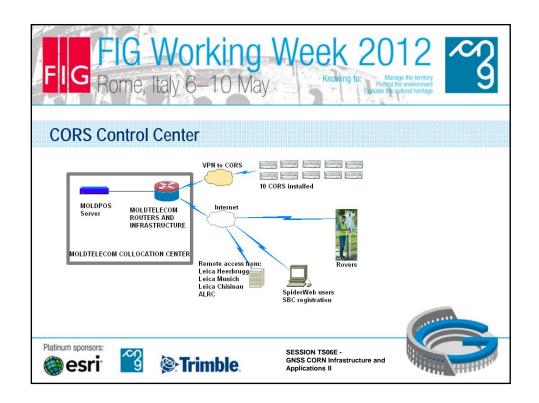


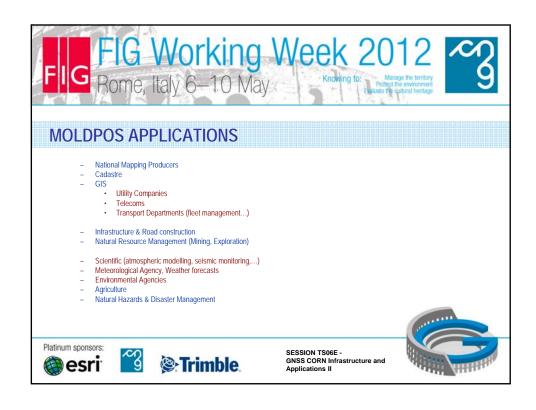


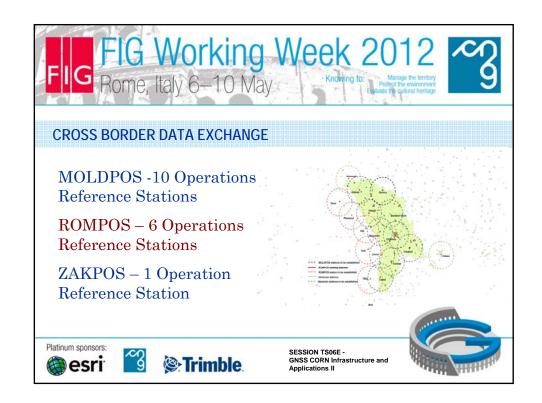


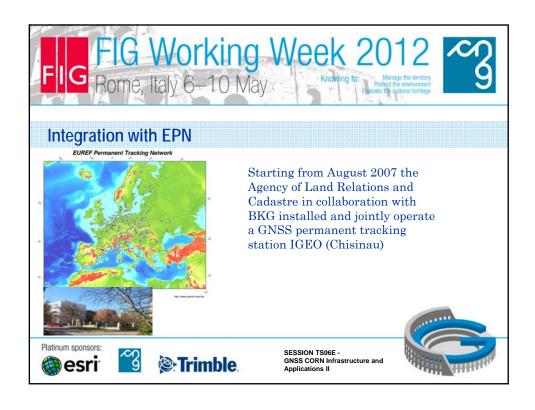


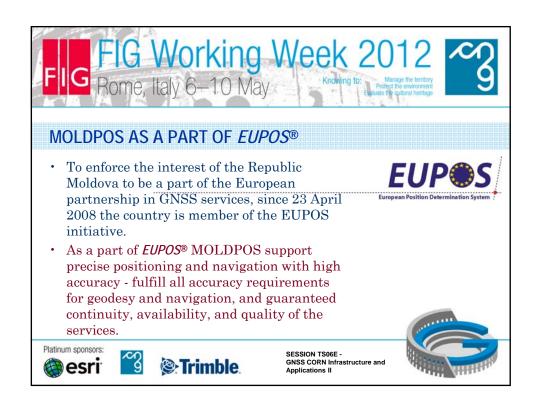


















Summary

- Agency for Land Relations and Cadastre of Moldova have developed a national GNSS infrastructure
- Going forward, there is a need to look outside of our traditional community to those who may need MOLDPOS Net as part of their future requirements







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- Overview of Project Implementation Agenda by Nicolas de MOEGEN, Leica Geosystems, August 24 2010, Chisinau.
- Business plan MOLDPOS, Dr. Ivo MILEV, National Infrastructure Support, Chisinau, 2011.
- GNSS Networks and Reference Stations: MOLDPOS Technical Training I, Leica Geosystem, September 2011, Chisinau.
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