



CLGE Mission Report

Subject	CLGE Seminar "Utility Cadastre" Internet link http://www.clge.eu/events/details/181
Date	26th November 2015, (present 25th – 27th)
City / Country Code	Zagreb, Croatia
Invited by	State Geodetic Administration of the Republic of Croatia Danko Markovinovic
Participants	See annexed list
CLGE Delegation	Maurice Barbieri, Danko Markovinovic, Mairolt Kakko

Executive Summary

The goal of the seminar is to exchange experiences at technical level about the activities conducted in the field of utilities cadastre. Participants are coming from the National Agencies of the Balkanise Contrives and from private companies as well as chartered surveyors offices of Croatia

See agenda and program below.



Time	Topics	Chair/Speakers
9:00 – 9:15	Welcome & Opening of the Utility Cadastre Seminar	Danko Markovinović, Director General of the State Geodetic Administration and Vice President CLGE Maurice Barbieri, President CLGE
9:15 – 10:45	<ol style="list-style-type: none">Swiss Public Law Restriction on Private PropertyEstonia Utility Cadastre	<ol style="list-style-type: none">Maurice Barbieri, CLGEMairolt Kakko, Association of Estonian Surveyors
10:45 – 11:00	Discussion	Chair: Sanja Zekušić, State Geodetic Administration Maurice Barbieri, CLGE Danko Markovinović, DG SGA & VP CLGE
11:00 – 11:30	Coffee Break	
11:30 – 13:00	<ol style="list-style-type: none">Results of the Utility Cadastre Study for the Republic of CroatiaUtility Cadastre in SloveniaUtility Cadastre in Serbia	<ol style="list-style-type: none">Marinko Bosiljevac, State Geodetic AdministrationNiko Šarlah, Ministry of the Environment and Spatial Planning, SloveniaBorko Drašković, Veselni Bakić, Đorđe Vuković, Republic Geodetic Authority of the Republic of Serbia
13:00 – 13:15	Discussion	Chair: Sanja Zekušić, State Geodetic Administration Maurice Barbieri, CLGE Danko Markovinović, DG SGA & VP CLGE CLGE
13:30 – 15:00	Lunch at the Restaurant “Batak”	
15:00 – 16:30	<ol style="list-style-type: none">Utility Cadastre in Republic of Srpska, B&HCurrent developments in Kosovo Utility CadasterUtility Cadastre in Albania	<ol style="list-style-type: none">Velibor Vitor, Radenka Milašinić, Republic Authority for Geodetic and Property Affairs of the Republic of SrpskaQemajl Kadiri, Reshat Murati, Kosovo Cadastral AgencyAltin Spaho, Naim Domi, Immovable Property Central Registration Office of the Republic of Albania
16:30 – 17:00	Discussion and Conclusion	Chair: Sanja Zekušić, State Geodetic Administration Maurice Barbieri, CLGE Danko Markovinović, DG SGA & VP CLGE



Report

I. Presentation in the Seminar

Presentations hold by Maurice Barbieri (The Cadastre of Public-law Restrictions on Landownership in Switzerland) and Mairolt Kakko (Estonia utility cadastre).

The intention to organize such seminar was a real situation in many CLGE member countries, where utility, especially underground utility databases are with not good enough conditions due to different reasons. Many countries are struggling with the weak regulations and “to be improved” practice on that field. It has adverse effect also to Surveyors business, as they often need to have adequate data about the existence and location of the utility networks.

Seminar mainly focused on sharing experience between different countries. Although participants were mainly from Balkan region (Croatia, Slovenia, Serbia, Bosnia and Hercegovina, Albania and Kosovo), Switzerland, Estonia and Lithuania were also represented in this Seminar. Number of Countries: 9, number of participants: 60...70.

President of CLGE Mr. Maurice Barbieri (Switzerland) opened the seminar. At the opening words Mr. Barbieri thanked organizers from Croatia, with the leadership of Mr. Danko Markovinovic. He also gave an overview about CLGE organization and activities.



Opening words from CLGE President Mr. Maurice Barbieri. Photo: Author

Then Mr. Barbieri presented situation in Switzerland. Local system is named as PLR (Public Law Restrictions) – Cadastre. Speciality of Switzerland is big differences between Cantons up to the situation where one Kanton maintains with PLR-cadastre utilities on fully municipal

level as another Kanton uses many private surveyors for the same purpose. However, PLR-Cadastre in Switzerland works very well and has good tools for private and professional use. Mr. Barbieri introduced also results of inquiry about PLR-s by European Countries. It has results by Countries, where the Public Restrictions are publicly visible, where not and how many types of restrictions each Country has.

Author of this article represented Estonia. Estonia has insufficient legal basis on this field as Utility Cadastre is divided between two ministries and two registers. Responsibility lies on Utility network owners as two registers are just informative and not in real force yet. Owners are using this weak legal basis in their favour. For example data holding and delivery has been implemented for the commercial purposes of the biggest telecommunication company as well as some other Utility owners. However, Estonian PLR-Register has excellent technical tools built up by Land Board during several Years (<http://xgis.maaamet.ee>).

Croatia has well working Inspire Generic Conceptual Model (GCM). Utility Networks registered in this system have also precision attributes so that location of each utility entity could be updated afterwards, if measured. However, Croatian presentation called out many hot discussions from audience, because for the smaller municipalities this Model could not be achievable.

Serbia has regulations on that field already from 1974! During last year's Serbia had excellent developments and today's keywords are free and precise data, CAD-GIS transformations. The most developed is register in the second biggest City of Novi Sad.

Bosnia and Hercegovina lies partly on Cadastral law of Republic of Serbia. In the field of Utility Cadastre, there are major differences between parts of this Country.

Kosovo and Albania are at the beginning study of Utility Cadastre.

Last presentation was from Slovenia. By the author's opinion, Slovenia has very good legal basis. Together with implementation of thesis "Call before You dig" it minimizes risk to destroy or affect to existing utility networks. Locations are registered with different precision categories. For Surveyors Slovenia has specific rules how to measure utility objects in detail.



CLGE Utility Cadastre Seminar participants, photo: Author

Conclusion of this seminar was that good developments in area of utility networks would need suitable legal basis. Informative registers could be nice, but society needs tools for real estate actions with utility networks and restrictions caused by these. All participants find out this seminar as useful and this topic to be continued as an important theme for Surveyors and the Society.



Seminar participants from CLGE EXBoard: Vice President Mairolt Kakko, Vice President Danko Markovinovic and President Marrice Barbieri, in Danko's office. Photo: Author.

II. Other actions

1. I had a meeting with Vladimir Krupa, President of the Croatian Chamber of the Chartered Surveyors and Judge Mr. Damir Kontrec, legal advisor of the chamber. We spoke about the possible actions in order to modify the project of law on the Chartered Surveyors in Croatia. We will receive an abstract translated in English, in order to prepare some arguments. IG PARLS (C. Kipke) is also involved, as Professor Henssler and Miss Lisa Keddo.

Maurice Barbieri
CLGE President

Mairolt Kakko
CLGE Vice-President