



The **Council** of European Geodetic Surveyors  
*Comité de Liaison des Géomètres Européens*

## **FIG Commission 7 Annual Meeting 2018 and International Seminar “Cadastre in a digital world - Nordic and Global Perspectives”**

*24 - 28 September 2018, Bergen, Norway, Europe*

# Some aspects of the future of the profession of the Surveyor

*Maurice Barbieri, President of CLGE*

*26 September 2018*

**FIG 7 Annual meeting 2018, Bergen**



# The surveyor yesterday and today

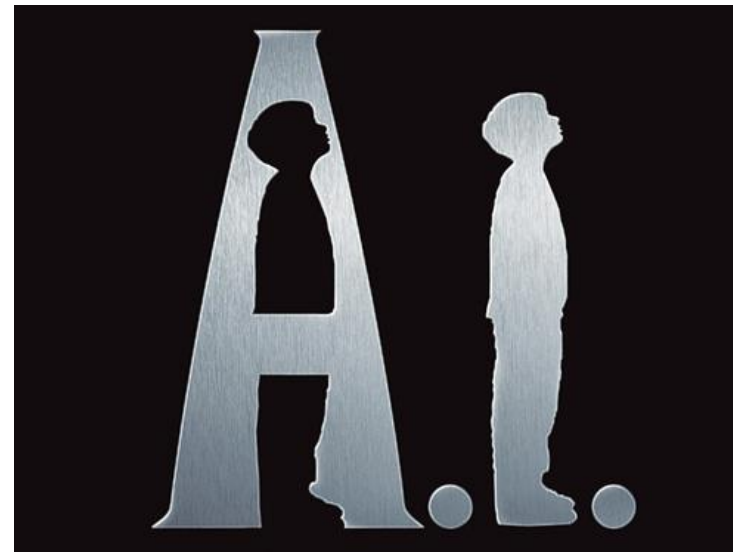
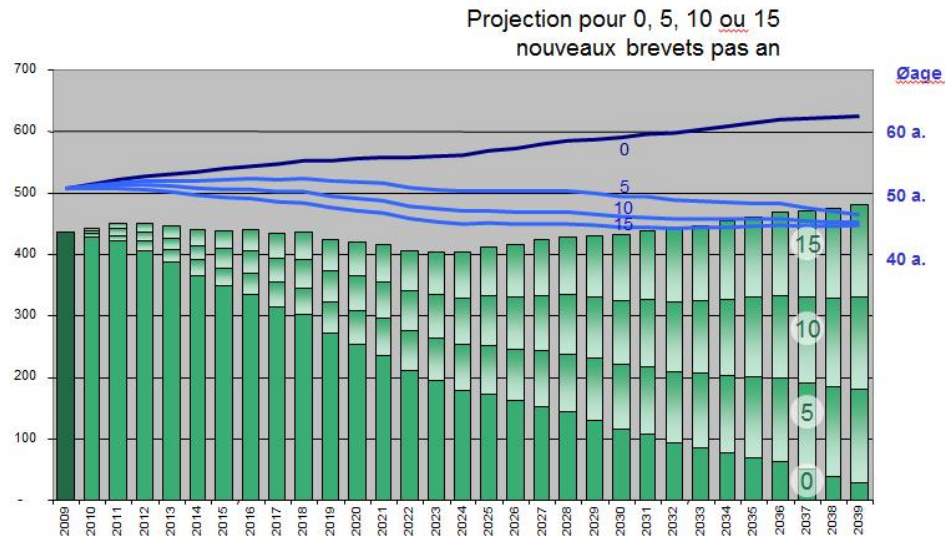
- The technology and the society make us evolve

The pressure of technological development is driving social change





# The surveyor tomorrow?





# What is our future?

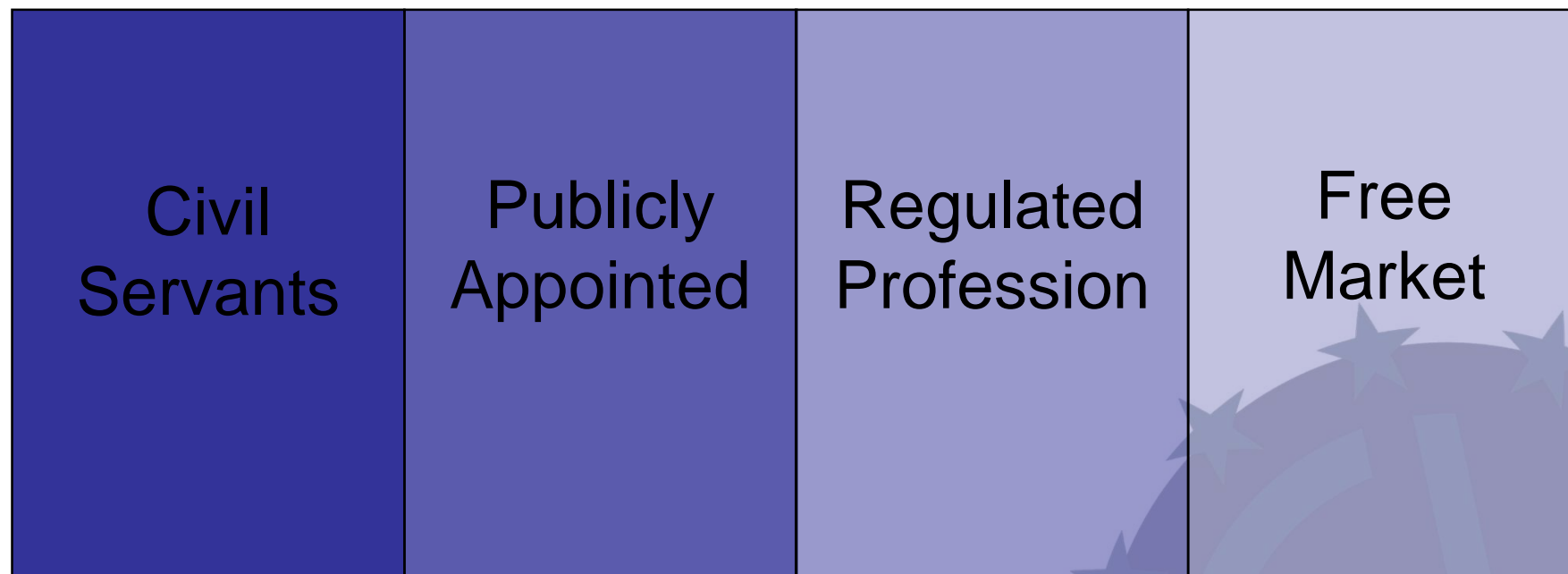
- The base of the digital revolution: the data
  - A new science is born
  - We have to adapt our education urgently (e-learning, CPD)
- The meta-platforms are the future
  - The apps will replace the traditional consultation
  - Virtual reality and the connected citizen exist already
- The new technologies will bring a (r)evolution in the traditional operations and in the registers
  - Blockchains will replace gradually the traditional operations
  - We have to improve some aspects (energy, hosting, sustainability, guaranty,...)
  - We must be ready to set up a collaboration between the public and the private sectors



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# One Profession





# “Code of Professional Qualification for Property Surveyors”

**News** [RSS](#) [RSS News feed](#)

## A new Code of Professional Qualifications is available now




Clemens Kiepke (DE), Chairman of the Interest Group of Publicly Appointed and Regulated Surveyors has all the reasons to be pleased. Eventually the former "Accord Multilatéral" launched in 2005 by IG-PARLS' predecessor Geometer Europas, has been replaced by the **Code of Professional Qualifications for Property Surveyors**.

The Solemn signature took place during INTERGEO in Stuttgart on 15 September 2015.

The documents are available hereafter. Actually the whole initiative consists of three separate documents:

- [The actual code](#)
- A iterative [report](#) made of national contributions
- A [letter of intent](#) to be signed by all who would like to follow the code

**Our Members**



May 20  
No events this month

**Euro Glob Sate Age**



Code of professional qualifications

## Ver. 1.0 20150316 Code of professional qualifications for Property Surveyors

(The "Code of professional qualifications of Property Surveyors" renews and replaces "Multilateral Accord" issued by GE (Geometer Europas) in 2004 and adapted by CLGE/IG-PARLS by the merger of CLGE and GE in 2010.)

The topics covered by this Code are related to legal regulated cadastral work (in the field of real property formation, modification and registration), property and land management activities to ensure reliable cadastral systems and land registers and to secure and protect property rights. These basic systems and registers are fundamental infrastructural elements in every society in order to secure the rights and ownership of property. It is imperative, that all questions related to property are considered trustworthy and treated reliably.



# Trends in Europe

- Towards a European Surveyor?
  - The real estate needs secure land tenure
  - We can reach that goal together with our partners (cadastral agencies, notaries,...)
  - There is a need of regulation and homogenization
  - There is a need of publicly appointed surveyors





# The new technologies / trends

We have to be ready to deal with:

- Blockchains
- Digital society
- Increasing of use of social media
- Instrumental measurement / artificial intelligence
- Involvement of the land owners, “Citizen cadastre”
- Crowdsourcing







# Land consolidation / re-allotment



## Role of the surveyor :

- Leader of the [multidisciplinary WG](#)
- Secretary of the classification commission
- Responsible for the re-allotment and the legal aspects
- Liaison between the administrations and the land owners



### Chisinau Declaration

Rural areas are caught between the impact of growing deregulation in agricultural markets, the changing structure of agriculture, the rising scarcity of resources and the demands of an increasingly urban population. The deregulation of markets and technical progress are leading to a further drop in the number of jobs available in traditional agricultural production. At the same time, diversification into activities directly associated with farming and secondary incomes are gaining importance.

In order to maintain the vitality of rural areas, the CLGE has decided to help the member countries to reach that goal through Land Re-allotment and Land Consolidation works, done by the surveyors in the public and/or the private sectors.





# Common declaration CLGE UINL



UINL-CCNI



Based on the Declaration of the

**FIRST EUROPEAN ROUND TABLE OF SURVEYORS AND NOTARIES**

**organized in Stuttgart, Germany, on Tuesday 15<sup>th</sup> September 2015**

*"The Round Table of Surveyors and Notaries, gathered in Stuttgart, Germany, on the 15<sup>th</sup> September on the initiative of CLGE and UINL-CCNI, engages for a trustworthy immovable property system as a fundament of modern society.*

*The Round Table participants are convinced that this requires a structural guarantee of the state provided through public registers based on clear regulations.*

*To reach this goal there is an essential need of a strong cooperation in this process between Surveyors and Notaries.*

*It also requires a strong education and qualification as well as an organized continued development for both Surveyors and Notaries.*

*By signing this declaration, the participants recommend and support that the associations of Notaries and Surveyors will cooperate at Global, European and National level. They suggest to draw up and sign a "Memorandum of Understanding" as a roadmap for future collaboration."*

**the two leading European Associations CNUE and CLGE, solemnly confirm**

**this intentions in presence of UINL, as witness,**

*Riga, 23rd of September 2016*

*Michel Merlotti*

Michel Merlotti  
UINL-CCNI President

*Paolo Pasqualis*

Paolo Pasqualis  
CNUE President

*Maurice Barbieri*

Maurice Barbieri  
CLGE President





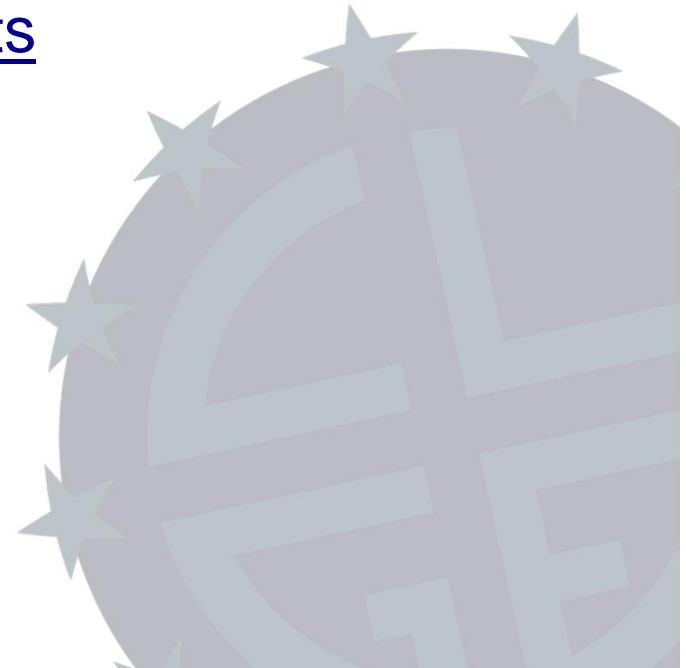
# The surveyor and the buildings

## Regulation:

- Condominiums
- Construction authorisations
- [Reguralisation of informal settlements](#)
- Restrictions
- [Standards](#)
- Buildings valuation

## New technologies:

- 3D measurement
- BIM





# CLGE seminar in Pristina



## Program of the Seminar

### Opening :

Murat Hoxha – KAS President  
Chryssy Potsiou – FIG President  
Maurice Barbieri – CLGE President

### Regional Presentations :

- Greece, Chryssy Potsiou
- Slovenia, Edvard Mivsek, Branko Lužević
- Croatia, Branko Kleković, Vladimir Krupa, Robert
- Bulgaria, Angel Yanakiev
- Macedonia, Sonja Dimova, Zoranco Mukanov, Zoran  
Nikola Ribaroski
- Albania, Bledi Stefa
- Kosovo: Murat Meha
- Kosovo, Fisnik Loshi, Murat Hoxha

### Discussion and conclusions





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IPMS Coalition

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[www.eureal.eu](http://www.eureal.eu)

ILMS Coalition

MEASUREMENT CODE  
FOR THE FLOOR AREA OF BUILDINGS

The European Real Estate Area Label

v1.0 Hanover (Germany), 11 October 2012  
A visionary cross border tool for transparency



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# Sustainable Fit for Purpose

29<sup>th</sup> 01 2018, round table in Paris

40 Participants  
15 Countries





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# Sustainable Fit for Purpose



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**Land Governance in an  
 Interconnected World**

ANNUAL WORLD BANK CONFERENCE ON LAND AND POVERTY  
 WASHINGTON DC, MARCH 19-23, 2018



The Surveyor at the heart of  
 planning  
 Towards the concept  
 « *Sustainable Fit for Purpose* »



XXVI FIG Congress 2018

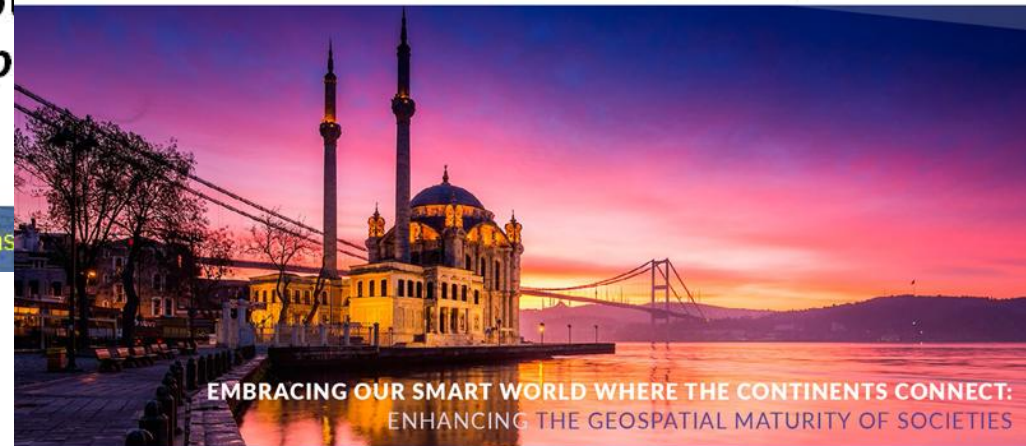
6-11 May 2018  
 ISTANBUL

21 March 2018

World Bank - Washington



**THE WORLD BANK**



EMBRACING OUR SMART WORLD WHERE THE CONTINENTS CONNECT:  
 ENHANCING THE GEOSPATIAL MATURITY OF SOCIETIES

ORGANISED BY



MAIN SUPPORTERS



PLATINUM SPONSORS





# Sustainable Fit for Purpose

## Some conclusions:

- Train the trainer
- Define the roles of professional partners
- Prevent rather than correct
- Integrate technological developments wisely
- Promote the of 3D registration, with the importance of urban land management
- Sell guaranteed titles rather than our profession
- Speak the same language, understand each other
- Foster human and friendly professional relationships
- Promote ethics
- Strengthen the tandem Notary –Geodetic Surveyor





# Sustainable Fit for Purpose

Some conclusions:

- No miracle recipe ... find and promote consensual solutions!





# What can we do?

- Be present with new projects / ideas
- Increase interest for our profession / deal with youngsters
- Be present on the social media
- Be more visible
- Be present as one profession :
  - Code of Conduct
  - Code of professional qualifications
  - Digital professional knowledge base DPKB
- Increase out network with sister organisations :
  - International Measurement Standards Coalitions
  - FGF code of ethics and standards



## What can we do?

- Bring our knowledge
- Develop new projects



EU-Transparency Register of interest representatives - 530083511941-24

### QUESTIONNAIRE ON MARINE CADASTRE



In June 2014, a joint project between CLGE (Council of European Geodetic Surveyors) and PCC (Permanent Committee on Cadastre) was launched. Other associations such as Eurogeographics, EULIS and ELRA also joined this project.

The output will be to create a case study about Marine Cadastre. Other European associations joined this project which could give useful guidelines for European Countries that intend to create a marine cadastre. By highlighting key aspects, such as the need for standards and to share best practice the intention is to enable national level projects to be compatible with each other and inter-operable across Europe.

There are four stages to the project:

1. To collate the different texts, documents, directives etc. from the European Union which deal with the subject of Marine Cadastre.
2. To issue a questionnaire to interested parties and expert groups.
3. To analyse the responses to the consultation with a view to define the most important issues that will need to be addressed in the creation of a Marine Cadastre e.g. data themes, data quality, data currency/maintenance, formats, coordinate systems, understanding the user community/customer, choice of platform (technology, tools, functionality, support for devices etc.), business models etc.



## What can we do?

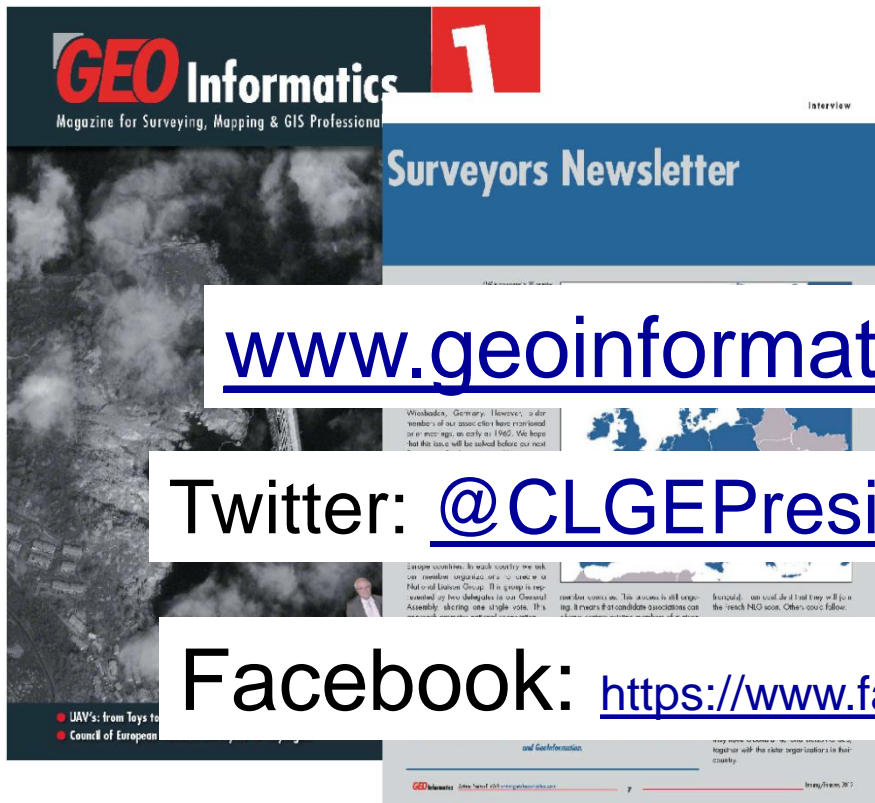
- The bring our experience to the education
- Enlarge our network with youngsters
- Motivate our students





## What can we do?

- Be present on the medias and social medias



[www.geoinformatics.com/CLGE](http://www.geoinformatics.com/CLGE)

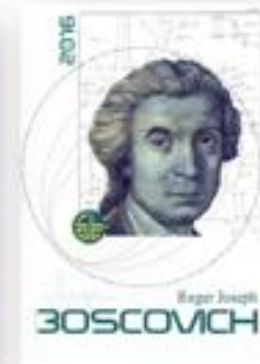
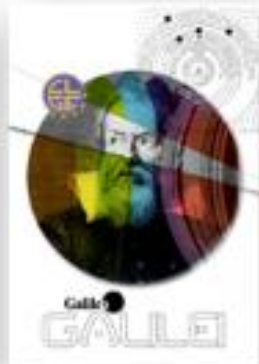
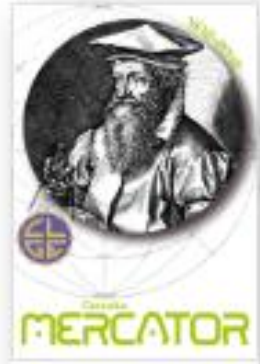
Twitter: [@CLGEPresident](https://twitter.com/CLGEPresident) and [@CLGE](https://twitter.com/CLGE)

Facebook: <https://www.facebook.com/CLGE.HESGI>



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# European Surveyor of the year





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# 2018 : Carl Ritter von Ghega





# New from 2018 onwards

- 21 March of each year

**Global Surveyors Day!!!**







## What can we do?

- Enlarge our [network](#)





# Surveyor : one profession; several activities

