

HELLENIC REPUBLIC MINISTRY OF ENVIRONMENT & ENERGY



Managing change in the Greek conveyancing ecosystem

Dr. Dimitris Rokos, Director of Planning **Maria Kasapi,** Director of Cadastral Offices Dept.



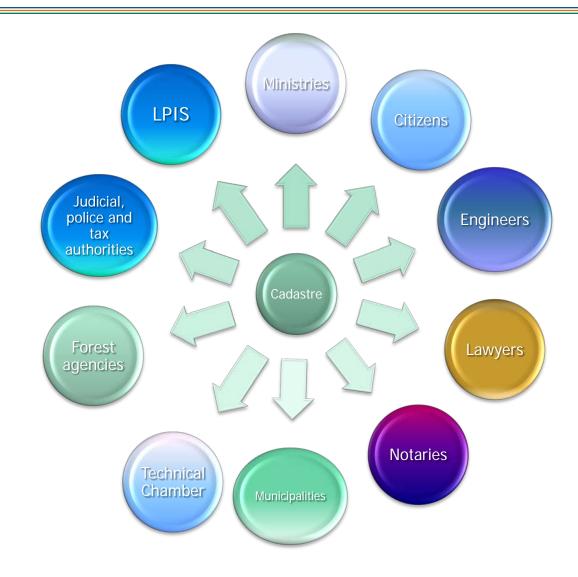


November 2019

Outline

- The Greek conveyancing ecosystem
- Transforming the land administration framework
- Effects of the transformation on the conveyancing ecosystem
- Next steps
- Vision for the future

Stakeholders of Cadastre in Greece



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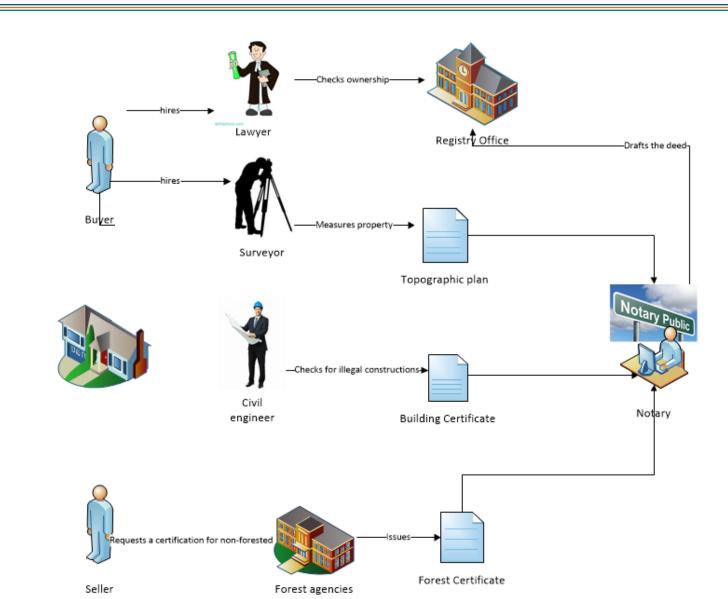
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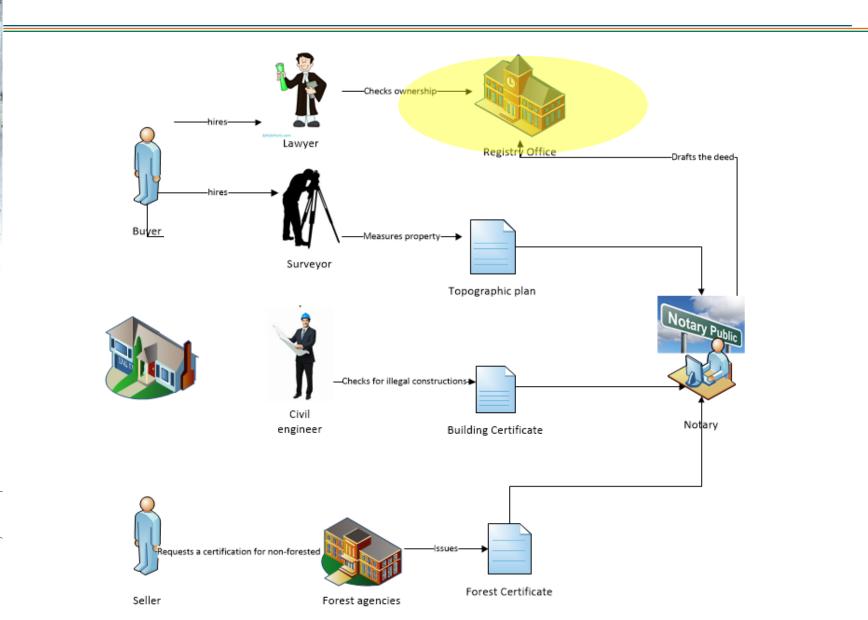
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Current conveyancing framework

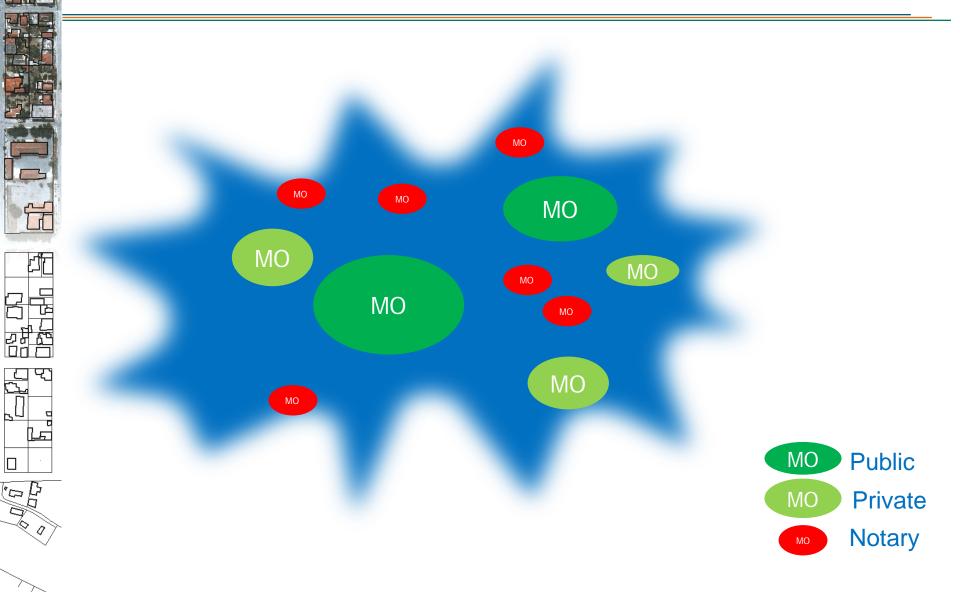


Transforming the land administration framework

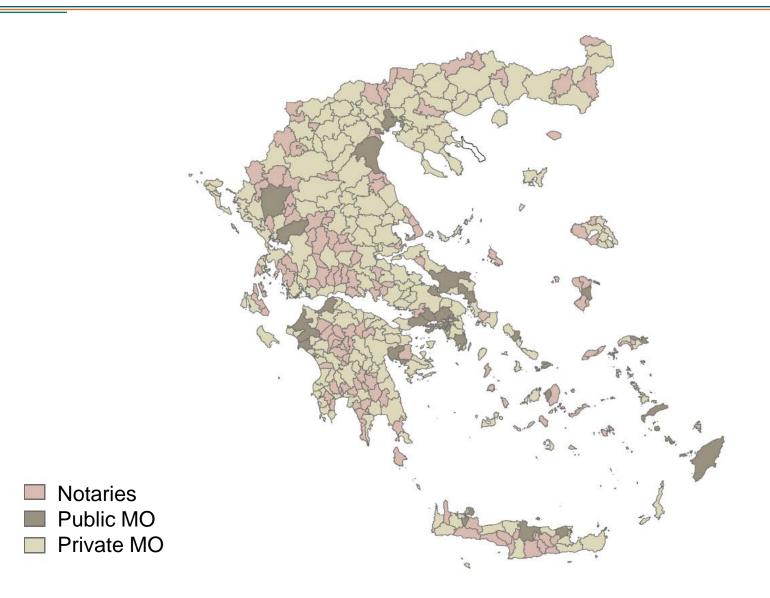


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Types of Registry (Mortgage) Offices



Spatial distribution of Registry Offices - Map



Situation (current status) of the Registry Offices

Independent Offices

- Loose supervision from / by the Ministry of Justice
- Uncoordinated operation
- No service standards

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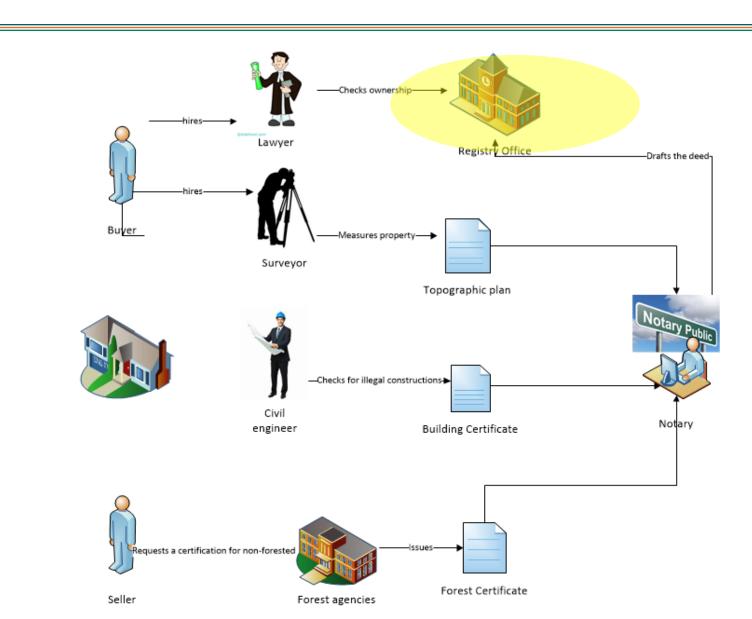
- No cadastral expertise
- **Difficult to correct** cadastral survey errors (unwillingness)
- Many cannot **sustain** their operation **financially** due to the crisis
- **Registrars** retire and get **replaced** "**temporarily**" by notaries (68 from 218 private Registry Offices)
- 139 out of 390 RO have a notary acting as registrar



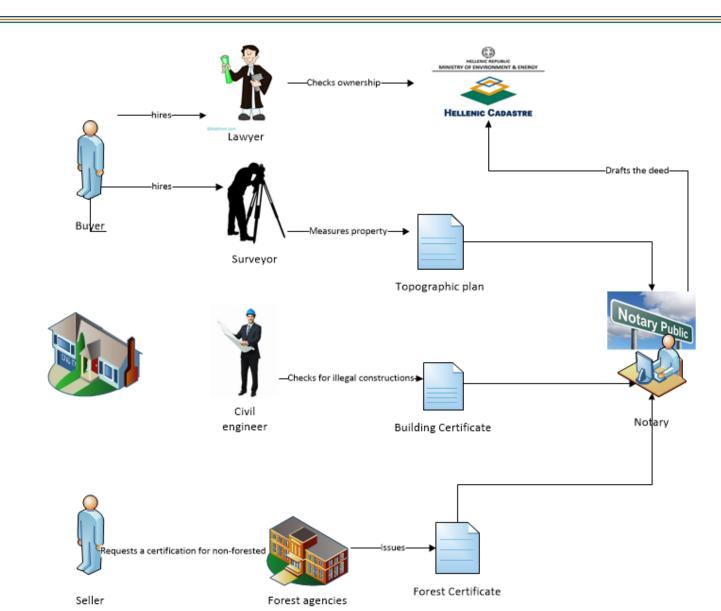
Typical Registry Office



Transforming the land administration framework



Transforming the land administration framework



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Hellenic Cadastre was established with law 4512/2018, as the **sole Public State entity** that is responsible for the development and the **operation of the Cadastre** in Greece, as well as, the **maintenance of the Registrations and Mortgages System** until its complete replacement by the Cadastre.

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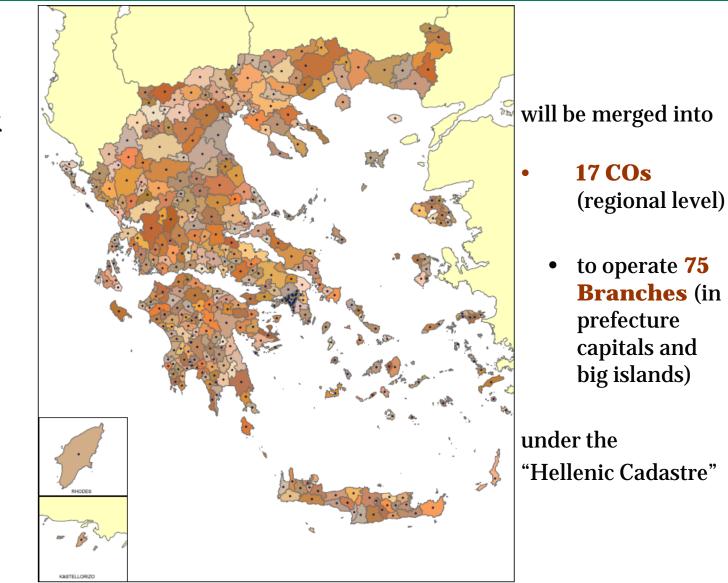
Current structure - Registry Offices

Law provision for the final structure of Cadastre

390 Registry Offices

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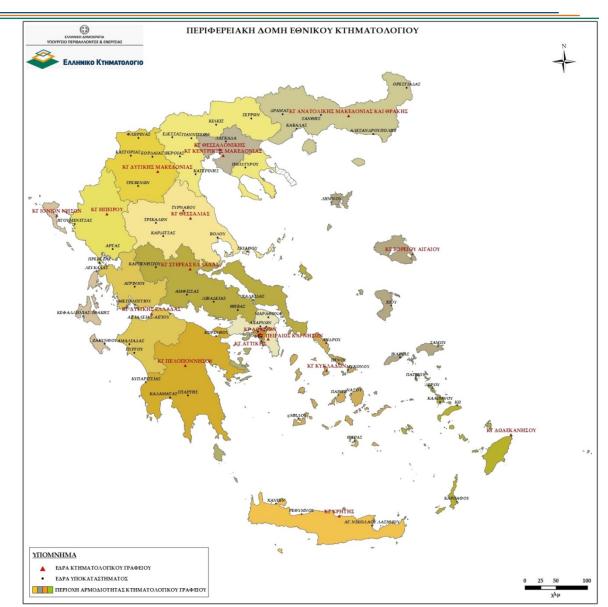


New Regional structure of the Hellenic Cadastre

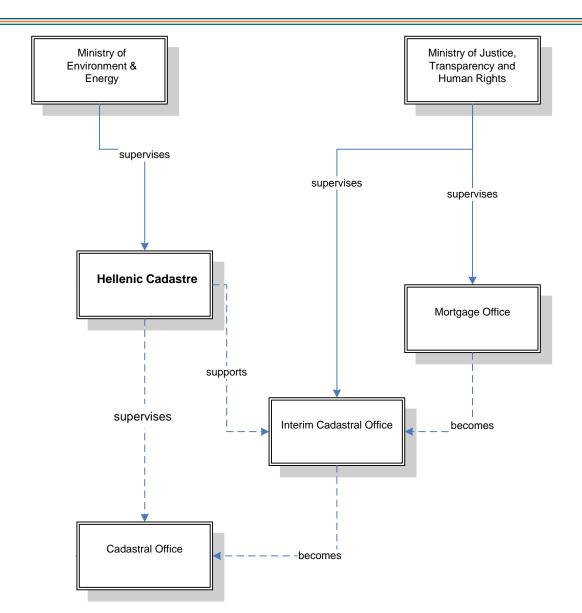
The COs have the responsibility for the operation of Cadastre

Branches provide local services and the maintenance of the old registry system

➢As of today 1 CO and 3 Branches are in operation

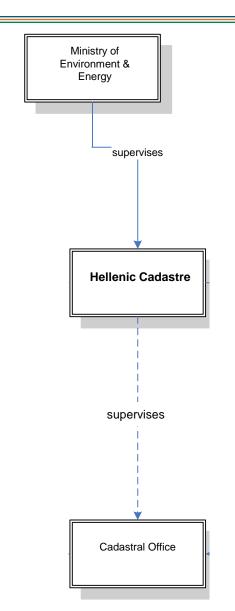


Administration Structure – current status



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Administration Structure – final status



Managing expectations of the stakeholders

Stakeholders	Lack of understanding	Opposing	Neutral	Supportive	Leading
Ministry of Finance			C	D	
Ministry of Environment				С	D
Ministry of Justice			C	D	
Ministry of Public Administration			С	D	
NCMA SA					C D
Notary Associations				C D	
Technical Chamber				C D	
Association of Surveyors				C D	
Laywer Associations				C D	
Unsalaried Registrars		С		D	
Salaried Registrars			C	D	
Employees of unsalaried Registry Offices				C D	
Employees of salaried Registry Offices		С		D	
Regions	С			D	
Municipalities	С			D	
Local societies	С			D	
Judicial authorities	С			D	

D= Desired disposition

Outline

- The Greek conveyancing ecosystem
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- Effects of the transformation on the conveyancing ecosystem
- Next steps

• Vision for the future

Benefits of the new reform

- One land administration agency for the whole country
- One Ministry responsible

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- Cadastre development and operation by the same agency
- Utilises the experience and expertise of NCMA S.A. and the mortgage offices
- Central control and management of the real property registrations throughout the country
- Uniform service provision standards
- More cost effective regional structure
- More effective use of human resources
- Vision for the future for the benefit of the public

Challenges of the reform

- Integrate staff
- Merge offices
- Manage a huge archive (digitization and maintenance)
- Set up common service standards
- Improve transparency and accountability
 - ...through e-services

Changes to be managed

before	after
Ministry of Justice	Ministry of Environment Hellenic Cadastre
390 Registry Offices	92 Cadastral Offices & Branches (LR& Cadaster functions)
Paper based operation	Digital operation, e-services
Paper archive	Digital archive + digitization
Payment by cash	E-banking
Registrar freelancer Staff –private sector	Public servants
Fees go to Registrars and State	Fees go to the Hellenic Cadastre
Operation and infrastructure according to each registrar	Typical office layout and Unified Operation according to regulations and guidelines
Loose supervision	Systematic supervision and support

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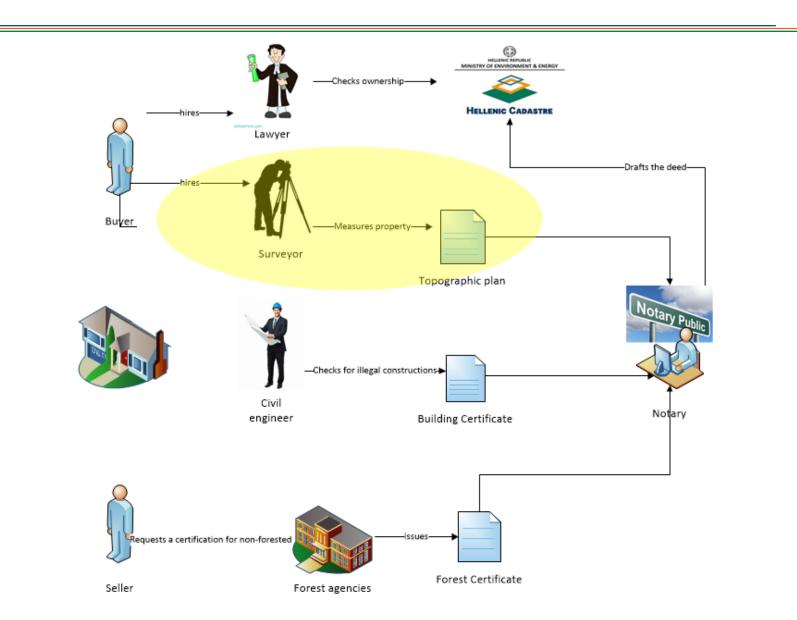
Set up a minimum IT environment for managing incoming petitions

- New cadastral offices and their branches manage both Cadastre and Land Registry
- Cadastre function has a IT system for managing all steps of the registration procedure except payments
- Develop a **new central IT system for the Land Registry function** that registers all petitions for registrations and certificates/abstracts/copies
- Adopt exclusively electronic payments for both Cadastre and Land Registry transactions:
 - ✓ POS

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✓ e-banking

Digitizing the interaction with surveyors



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Digitizing the interaction with surveyors

- New service since 2018 to **submit** to the cadastre **digitally signed topographic plans** in the context of real property transactions (mandatory).
- Topographic plans in dxf format and their metadata are uploaded to a database in order to be directly used in cadastre updating
- **Each** submitted **topographic plan** gets a **unique ID** through which one can access the certificate of submittal

The surveyor now takes the cadastral extract in digital form.

Submittal of topographic plans

- Submittal by **authorized users only** through the collaboration with the Technical Chamber of Greece
- New **standardized format** with specific layers for different types of information
- This format is being discussed to be extended to cover also the needs of the plans for the issuance of building permits

Digitizing the interaction with surveyors

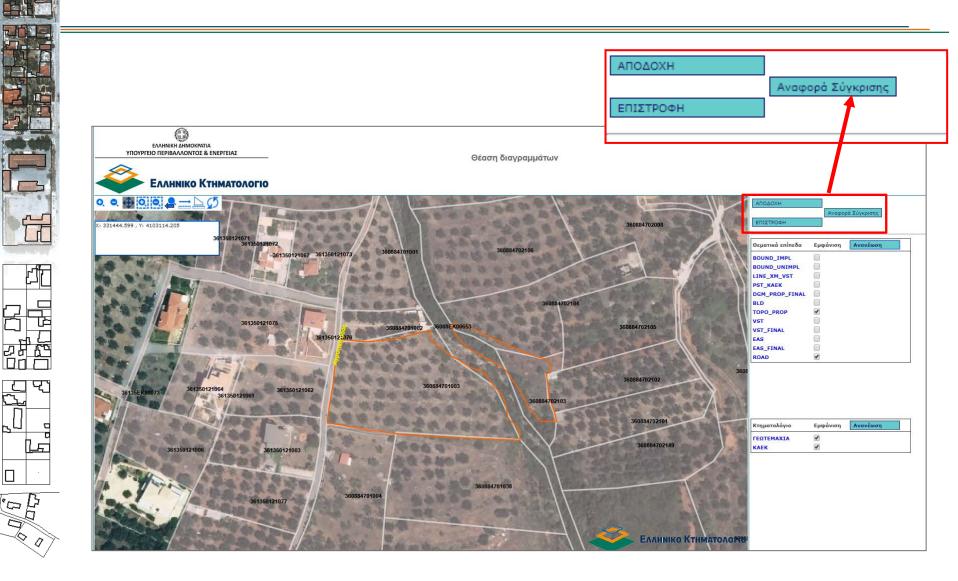
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Digitizing the interaction with surveyors

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~	233	test_06_05_16	ΔΓΜ_ΤΕΣΤ1	Διάγραμμα Γεωμετρικών Μεταβολών	03/05/201	6	06/05/2016	Μη ελεγμένο αρχείο		
	224	test 19_04_15	topo_valid	Τοπογραφικό	01/04/201	6	19/04/2016	Έγκυρο αρχείο		

Comparing topographic plans to cadastral data



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Comparing topographic plans to cadastral data

Προεπισκόπηση σύγκρισης των γεωμετρικών στοιχείων του εισαχθέντος ηλεκτρονικού διαγράμματος με την τρέχουσα κτηματολογική βάση.

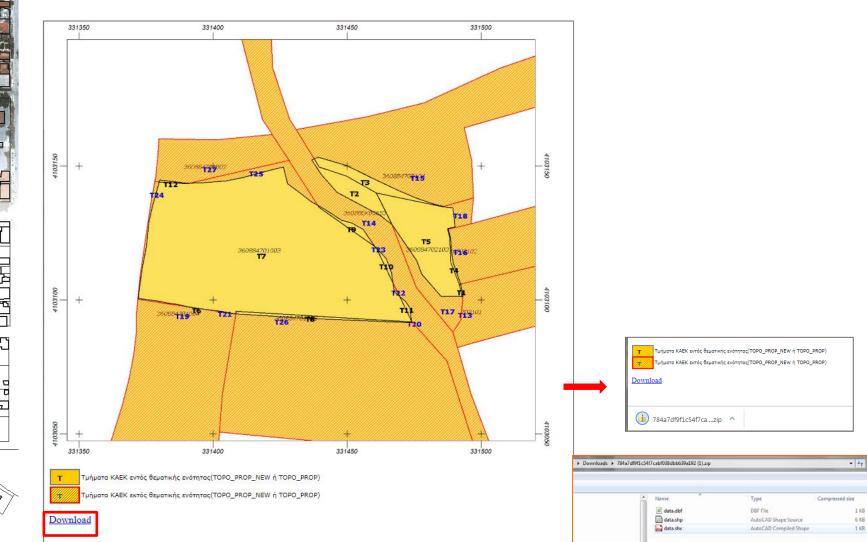
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Στοιχεία σύγκρισης για την θεματική ενότητα: TOPO_PROP_NEW ή TOPO_PROP με τα γεωτεμάχια του Κτηματολογίου

KAEK	ΕΜΒΑΔΑ ΑΡΧΙΚΩΝ ΚΑΕΚ	ΝΕΑ ΠΟΛΥΓΩΝΑ	ΕΜΒΑΔΑ ΤΕΛΙΚΩΝ ΠΟΛΥΓΩΝΩΝ	ΚΑΕΚ ΠΡΟΕΛΕΥΣΗΣ	ZHMEIO ENTORIZMOY
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360884702104	2621,53				
360884702102	1680,62				
360884702103	867.34				
360884701004	2632,99				
360884701003	4135.60				
360884701038	3950,48				
360884701002	640,77				
				360884702101 - [T1] (2,04)	331492.70 , 4103103.6
				36088EK00653 - [T2] (169,11)	331452.75 , 4103140.4
		D1	918,29	360884702104 - [T3] (137,33)	331456.72 , 4103144.7
				360884702102 - [T4] (11,21)	331490.00 , 4103111.7
				360884702103 - [T5] (598.60)	331479.55 , 4103122.5
				360884701004 - [T6] (0.30)	331393.92 , 4103096.0
				360884701003 - [T7] (3969.12)	31418.05 / 4103117.3
				260884701038 - [T8] (50,37)	331436.25 / 4103093.5
		Π2	4081,97	36088EK00653 - [T9] (34,50)	331451.76 , 4103127.0
				36088EK00653 - [T10] (13,91)	331464.61 , 4103113.1
				36088EK00653 - [T11] (9,26)	331472.38 , 4103096.9
				360884701002 - [T12] (4.52)	331384.26 , 4103143.9
		T13	1790.19	360884702101	331493.01 , 4103095.0
		T14	18485,18	36088EK00653	331457.14 , 4103129.5
		T15	2484.20	360884702104	331475.32 . 4103146.2
		T16	1669.41	360884702102	331491.35 , 4103118.4
		T17	201,60	360884702103	331486.60 , 4103096.4
		T18	67.14	360884702103	331491.34 , 4103132.3
		T19	2632,69	360884701004	331387.58 , 4103094.6
		T20	0.03	360884701003	331474.15 . 4103091.8
		T21	1,08	360884701003	331403.51 , 4103095.5
		T22	2.89	360884701003	331468.23 , 4103103.4
		T23	0.03	360884701003	331460.80 , 4103119.5
		T24	33,66	360884701003	331378.12 , 4103139.9
		T25	128.80	360884701003	331415.17 . 4103147.8
		T26	3900.11	360884701038	331424.60 , 4103092.6
		T27	636.25	360884701002	331397.84 , 4103149.4

Comparing topographic plans to cadastral data



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- **First step** towards digitizing the conveyancing procedure
- Topographic plans are drafted only by appropriately qualified engineers
- **Speeds up updating** of the cadastral maps
- **Reduces** the possibility of **error**
- Automated check of the compatibility of the topographic plan with the cadastral data and the effects of a mutation
- **Online archive** of the topographic plans for each surveyor
- No more paper diagrams in CO

Delivery of cadastral extracts in digital form

		>>	Υπολογισμός τελών και δικαιωμάτων
ΑΑΔΕ Ανεξάρτητη Αρχή Δημοσίων Εσόδων	еліс	АН	Διανυσματικό αρχείο Κτηματογραφικού Διαγράμματος
ΚΑΛΩΣ ΗΛΘΑΤΕ ΣΊ	ΗΝ ΣΕΛΙΔΑ ΕΙΣΟΔΟΥ ΤΩΝ ΥΠΗΡΕΣΙΩΝ WEB. ΚΩΔΙΚΟΥΣ ΤΑΧΙ\$ΝΕΤ ΓΙΑ ΤΗΝ ΕΙΣΟΔΟ ΣΑΣ ΣΤΟ ΣΥ	ΑΑΔΕ Ανεξόρτητη Αρκή Δημοσίων Εσόδων	
	me: WW877		ΑλΔΕ - ΚΑΛΩΣ ΗΛΘΑΤΕ ΣΤΙΣ ΥΠΗΡΕΣΙΕΣ WEB ΑλΔΕ - ΚΑΛΩΣ ΗΛΘΑΤΕ ΣΤΙΣ ΥΠΗΡΕΣΙΕΣ WEB Παρακαλούψε επιβεβαιώστε: Κηματολόπο Α.Ε. να προσπλάσει τα στογεία μου (ΑΦΑΟ που προύνται στην ΑλΔΕ
	Είσοδος Reset	υυσιοδότηση	
ανυσματικό αρχείο Κτηματογραφι	κού Διαγράμματος		
Από την υπηρεσία αυτή, διατίθεται η ψηφιακή	μορφή (dxf) των γεωτεμαχίων που περιέχει το Κτηματογρ	αφικό Διάγραμμα	α το οποίο έχει εκδοθεί από το αρμόδιο Κτηματολογικό Γραφείο.
> Για τη διάθεση του αρχείου dxf, συμπληρώστε	το μοναδικό κωδικό που φαίνεται κάτω από τον Α.Π. του	εντύπου, στο πεδ	io «ΚΩΔΙΚΟΣ» και πατήστε [Εμφάνιση Αρχείου DXF].

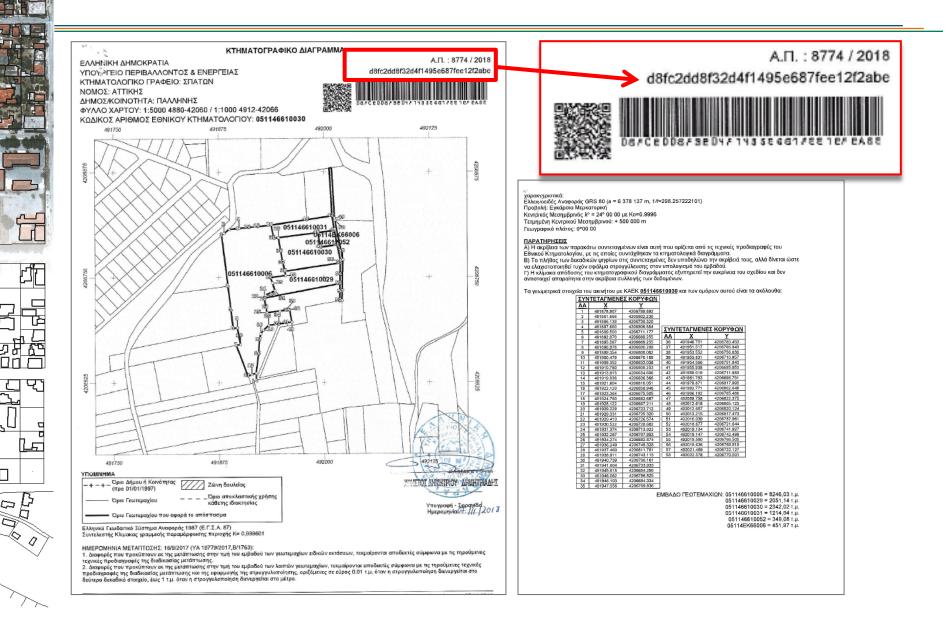
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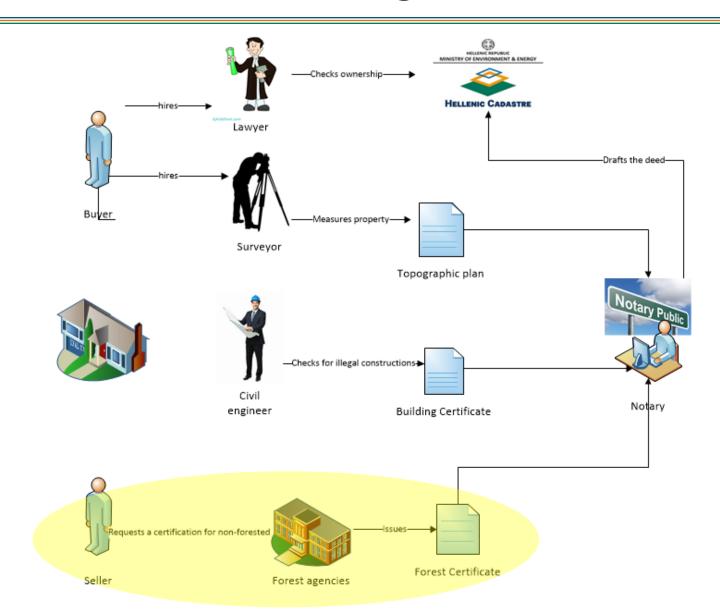
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Delivery of cadastral extracts in digital form



Transforming the interaction of citizens with forest agencies



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Transforming the interaction of citizens with forest agencies

<u>Currently</u>

- **Citizens had to request** a specific **certificate** from the local forest service to verify that the property to be transferred does not fall in a protected forested area.
- Long delays,
- Decisions often not consistent,
- Cause for **frustration**, wasting of time and money, loss of investments

Forest maps

Forest maps is the **tool to officially delineate areas to be protected due to their forested nature**.

Hellenic Cadastre produces forest maps:

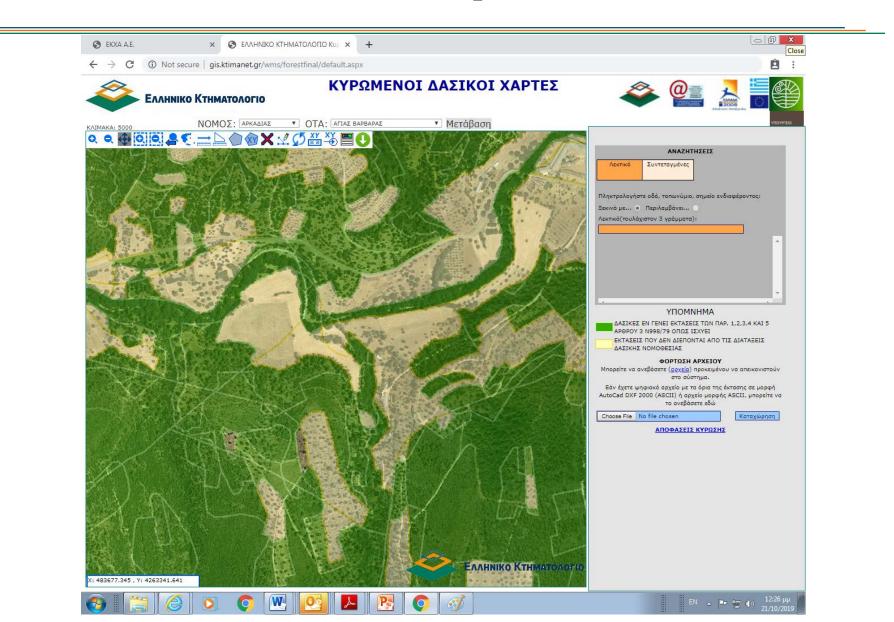
• Open procedure

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- Transparent decisions based on actual evidence
- Citizen participation through webservices

The result is the **ratified forest map** publicly available for viewing and download through the website of the Hellenic Cadastre.

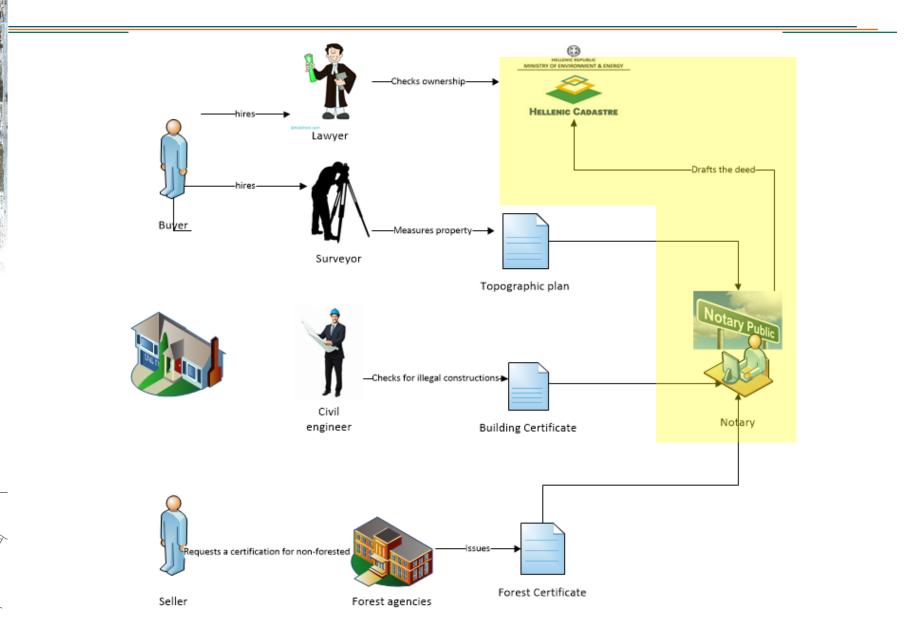
Forest maps



Transforming the interaction of citizens with forest agencies

- During the preparation of a transfer deed, a topographic plan has to be drafted.
- The surveyor can **download** the part of the ratified forest map that covers the property in question.
- The surveyor has the responsibility to **officially declare** – based on the ratified forest map – whether the property falls or not on a forested area on the topographic plan.
- Reduce the administrative burden for the citizens No forest certificate is needed anymore.

Digitizing the submission of deeds



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For the cadastral function of the offices:

- **Currently** all applications for registration have to be delivered on paper to the local registry office.
- Each deed is accompanied by:
 - an application for registration
 - a summary of the deed
 - a topographic plan/ diagram
 - other documents that are requested by law to be submitted to verify the legality of the transaction

A **new web application** is being **developed** for the new regional offices of the Hellenic Cadastre that **enables notaries** to:

- Type in a form the basic information of the deed
- Automatically produce the application for registration and the summary of the deed
- Submit deeds in digital form digitally signed

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- Make just a reference to the ID of the topographic plan in the deed instead of submitting it
- Receive by the system the estimation of the **fees** that must be payed to register the deed
- Request the necessary certificates from the registration of the deed
- Pay by electronic means (e-banking, credit card)

Digitizing the submission of deeds

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Benefits

- Reduce the need to go to the local office
- **Save time** and **money** for the citizen to register the deed
- **Eliminate** typing **errors** from the cadastral office staff
- Save time and money for the cadastral office
- **Improve** the **quality of service** irrespective of the number of the regional offices

Outline

- The Greek conveyancing ecosystem
- Transforming the land administration framework
- Effects of the transformation on the conveyancing ecosystem
- Next steps

• Vision for the future

- **Digital submission** of **notarial deeds** (under testing)
- Digital submission **of other registrable acts** (by lawyers and bailiffs) (under testing)
- Digital submission of applications for certain certificates (under development) and issuance of digital certificates
- **Remote search** of the cadastral database
- Licensed surveyors

- Provide modern services with state-of-art technology from any part of the country to any other
- Ensure uniformity in the operation, level of services and infrastructure throughout the country
- ✓ increase transparency and security in the procedure of registration
- ✓ improve the quality of the registrations

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- ✓ Introduce paperless procedures and provide reliable eservices to professionals and citizens
- ✓ make more efficient use of the regional structure and the resources of the Agency



Thank you for your attention!



