



OPEKEPE 

PAYMENT AND CONTROL AGENCY FOR GUIDANCE AND GUARANTEE COMMUNITY AID

Technical function of geospatial application in Greece

Department of CwRS and GIS

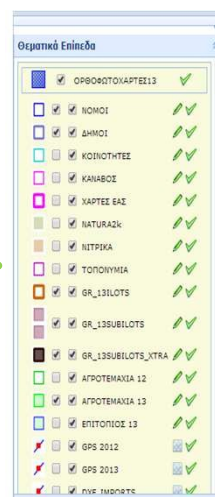


Overview

- Year 2009 : was the first year of parcel digitization in brand new WEB GIS.
- 2009 : 900.000 farmers declared about 6.500.000 parcels
- 2013 : 750.000 farmers declared about 6.200.000 parcels



- Ortho maps
- Grid
- Municipality
- Reference Parcels (ilots)
- Subilots
- Parcels of previous years and present
- OTS
- GPS
- etc



Reference parcel

Greece uses physical blocks as reference parcels

Greece is divided into 1.437.526 RP

RPs are either eligible or ineligible

The Reference Parcels have specific eligible area which derives from the deduction of the ineligible parts (subplots etc)

The spatial cross-check is held on the level of RP and on these terms the total declared area by the farmers cannot exceed the RP's eligible area.



Reference parcel & claims

- Each farmer is obliged to declare and digitize his agricultural parcels inside the RP.
- The process of agricultural parcel claim is simplified, because of the definite borders of the RPs.
- Parcels are digitized under the indication of the farmer who has the total responsibility to determine the position and the size of the parcel.
- A non digitized parcel is considered to be not declared.



Meaning of subilot

Ineligible features inside eligible RP.

Digitized area of the features larger than 100 sq.m

2.100.000 subilots are digitized at national level.

Appears as a different layer in GIS.

In new LPIS UPDATE, subilots will be categorised in natural, artificial, etc.

They might be used for greening.



Claims

In year 2009 claims could be made only through the Farmer Unions (107 in total all over Greece), because of:

First year of combination between alphanumeric and spatial GIS data.

New RPs, subilots, orthomaps which were the bases for the farmers to indicate and digitize their parcels on screen.

Several difficulties were detected, for example, the position of the agricultural parcels.

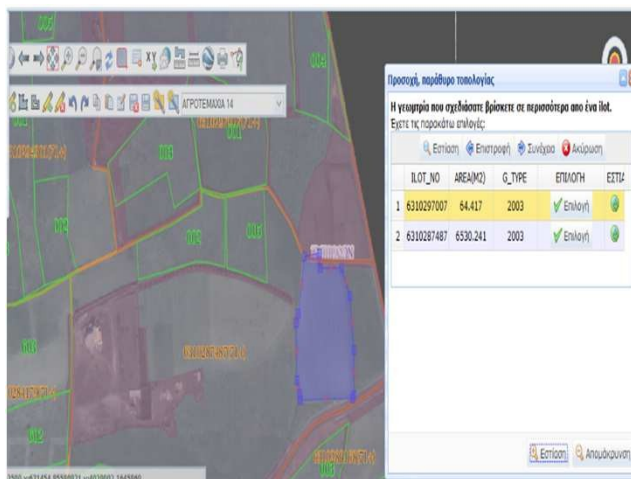
Today the farmers' claims can be made via WEB application.



Digitization

An agricultural parcel cannot be digitized over the limits of two different RPs.

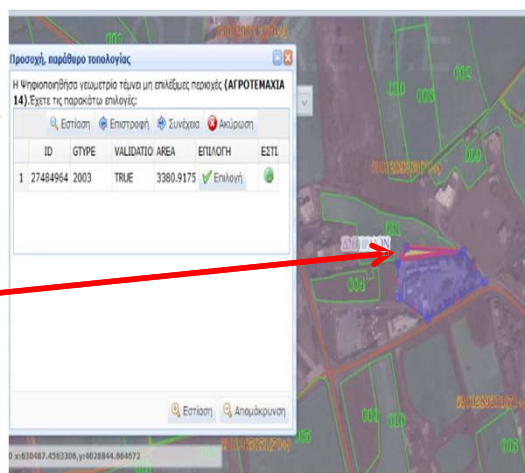
In that case, an agricultural parcel must be separated into two different parts.



Overlap

If an agricultural parcel intersects with another digitized parcel (partially or fully), a warning message appears.

In that case, involved farmers have to determine the correct position - accurate borders of their agricultural parcels.



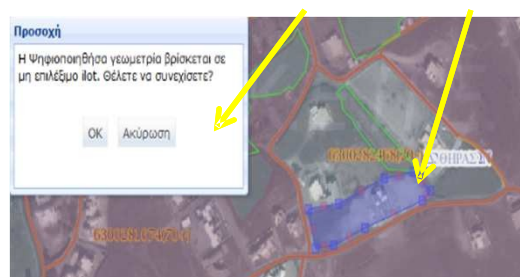
Overlap result

If the problem of the intersection of the agricultural parcels cannot be solved between the farmers, the common part of the parcels is not being calculated during the cross check for the final payment



Claim parcel in non eligible RPs

In case of agricultural parcels claimed inside non eligible RPs, a warning message is received on screen



If the farmers persist on their claims, the agricultural parcel is excluded from the final area to be paid.

Penalties can come as a result of this fact




Parcel claim inside subilot

Προσοχή, παράθυρο τοπολογίας

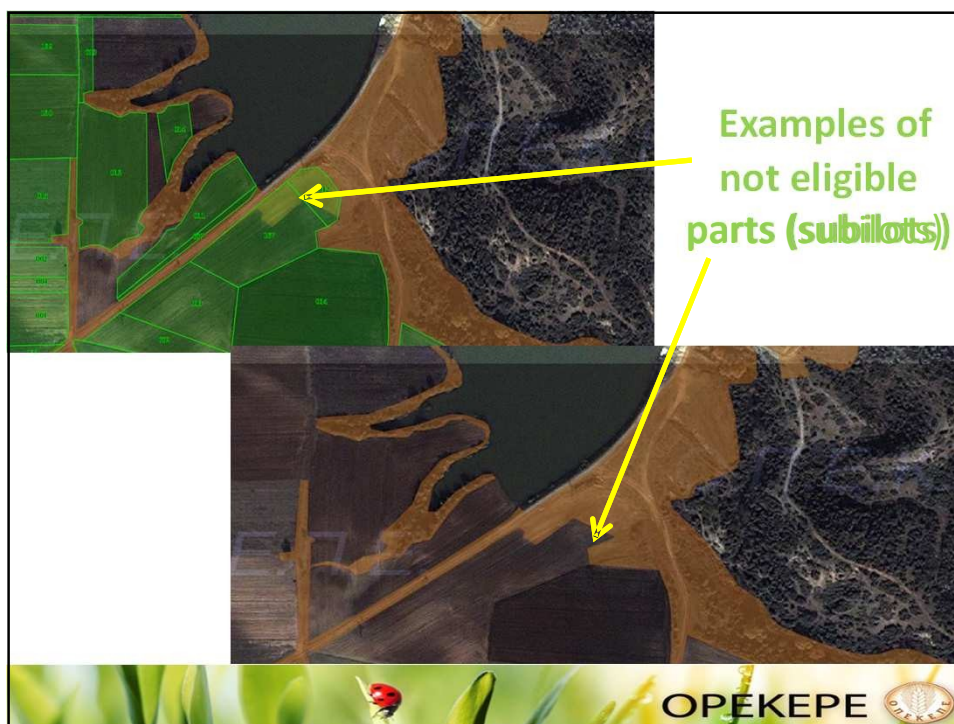
Η Ψηφιοποιηθήσα γεωμετρία τέμνει μη επιλέξιμες περιοχές (GR_14SUBILOTS)
με ΑΑ:(1). Έχετε τις παρακάτω επιλογές:

Εστίαση Επιστροφή Συνέχεια Ακύρωση

	AA_SUB	GTYPE	VALIDATIO	AREA	ΕΠΙΛΟΓΗ	ΕΣΤΙ
1	1	2003	TRUE	3964.0262	✓ Επιλογή	



Area exclusion from final payment and penalties can appear in cases of agricultural parcel claims inside subilots



Spatial cross check functions

- Agricultural parcels which are digitized in not eligible RPs, are excluded from the final area to be paid.
- Agricultural parcels which are digitized on subplots, get reduced area at the final payment due to the ineligible part.
- The final eligible area of an agricultural parcel is determined after the deduction of :
 - Subplots
 - Overlapped parts



- Πραγματοποιείται σε επίπεδο ΡΠ

Spatial cross check functions

- The sum determined area of the agricultural parcels inside a RP cannot exceed the total eligible area of a RP
- Buffer tolerance is not applied at RP level, only at agricultural parcel level



Error codes of spatial cross check

CODE ERROR	DESCRIPTION
51001	Non-digitized agricultural parcel
53101	Agricultural parcel which is overlapped with another parcel.
54101	Non eligible agricultural parcel.
54301	Agricultural parcel within protected zone.
54302	Agricultural parcel within technical task expropriation zone.
54304	Agricultural parcel within forest area.
54306	Agricultural parcel within archaeological site.
57101	Agricultural parcel with digitized area which is less than the declared tolerance limits.
59001	Overshoot of Reference Parcel eligible area.
59004	Agricultural parcel wrongly located after OTC



Thank you for your attention!

