### eData – from Surveying to Registration

### **LITHUANIA**



#### **REAL PROPERTY E-CADASTRE & REGISTER CONCEPT**

Only digital data of cadastre and register have legal power



No paper documents within the system





Full integration of graphical, attribute and visual data and possibility to provide them to users.



Full e-integration with the base state registers

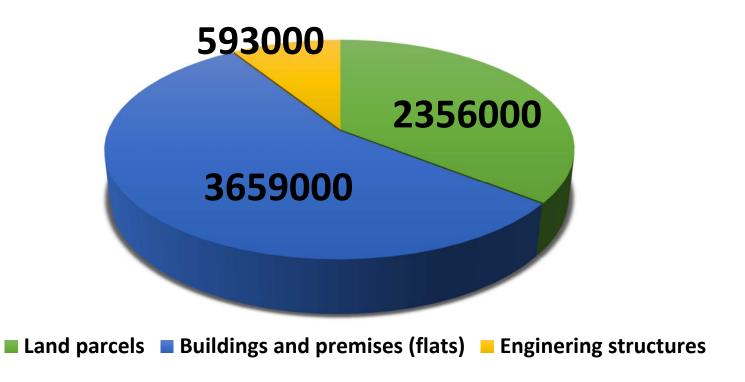
Extensive preparation and provision of e-documents to users





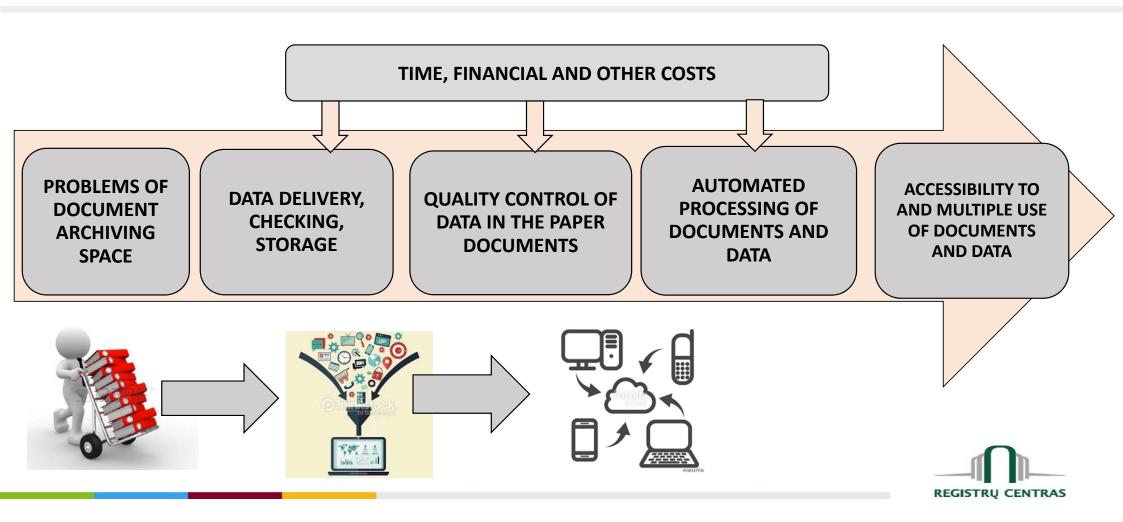
#### STATISTICS OF THE REAL PROPERTY REGISTER IN LITHUANIA

6 608 000 real property objects registered in the Real Property Register





### REASONS TO MOVE FROM PAPER REAL PROPERTY CADASTRAL DATA FILES TO E-FILES



# FROM PAPER CADASTRAL DATA FILE TO E-FILE: START, IMPLEMENTATION AND FUNCIONALITY



Digitising of paper documents stored in the archives

2003



Digitising of newly received paper documents

2005



Preparation of cadastral data efiles of structures

2010



Preparation of cadastral data efiles of land parcels

2015

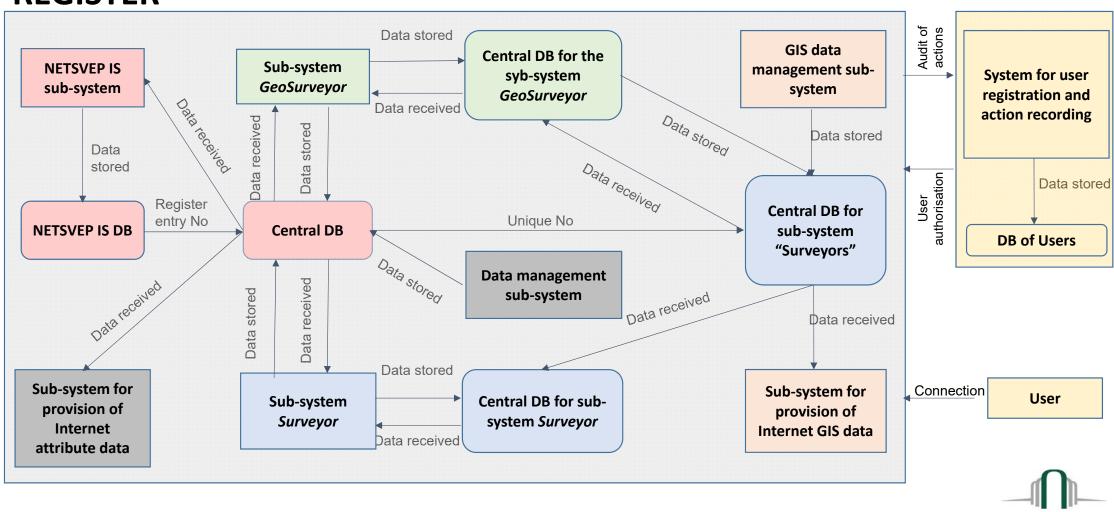


Preparation of cadastral data efiles of all real property objects

2017

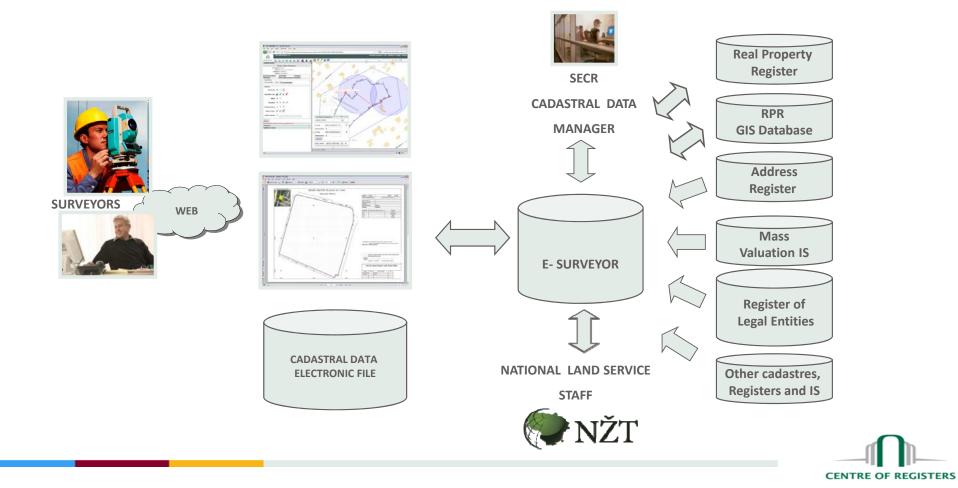


## INTERNAL INFORMATION FLOWS IN THE IS OF THE REAL PROPERTY REGISTER

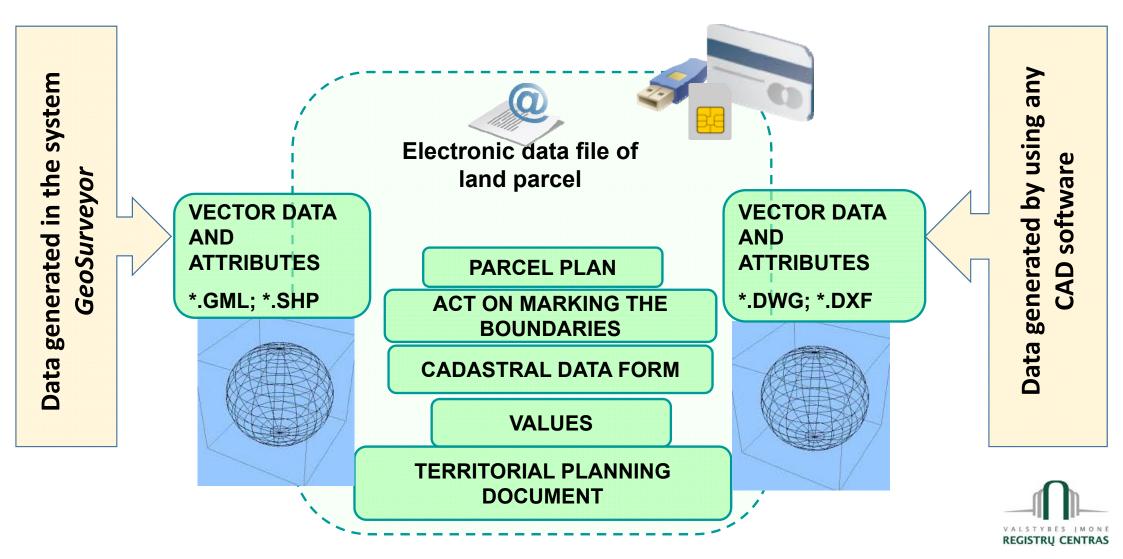


REGISTRŲ CENTRAS

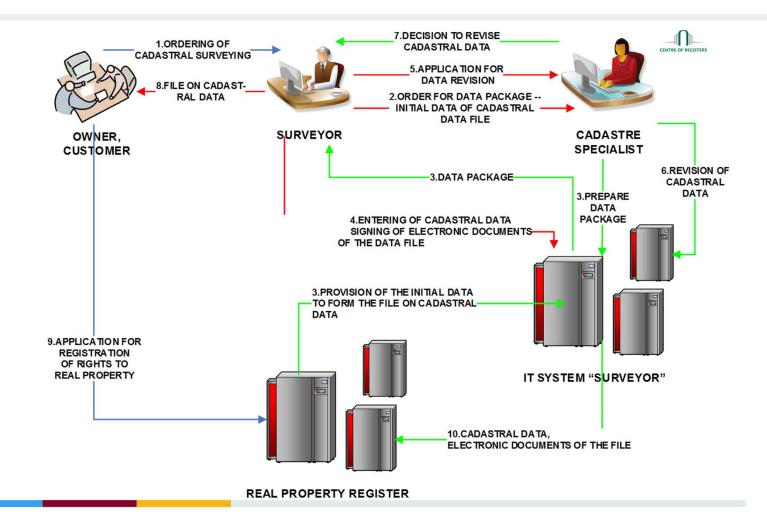
#### SUBSYSTEM "GeoSURVEYOR". OPERATIONAL PROCESS



#### E-FILE OF CADASTRAL DATA OF LAND PARCEL

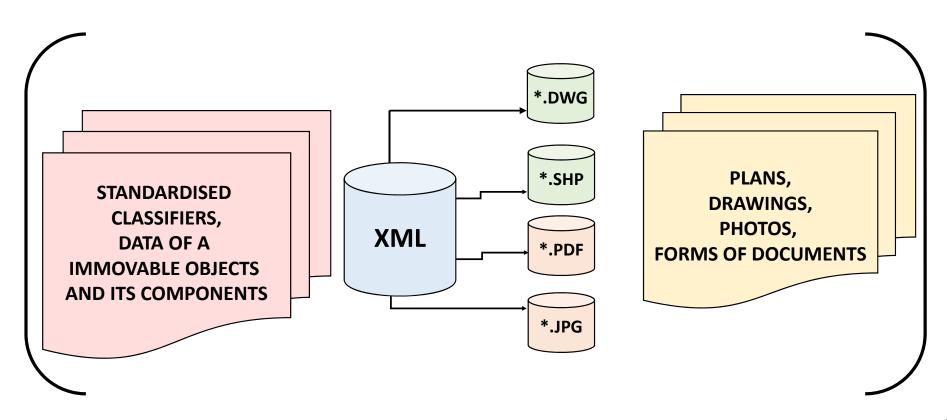


#### SUBSYSTEM "SURVEYOR". OPERATIONAL PROCESS



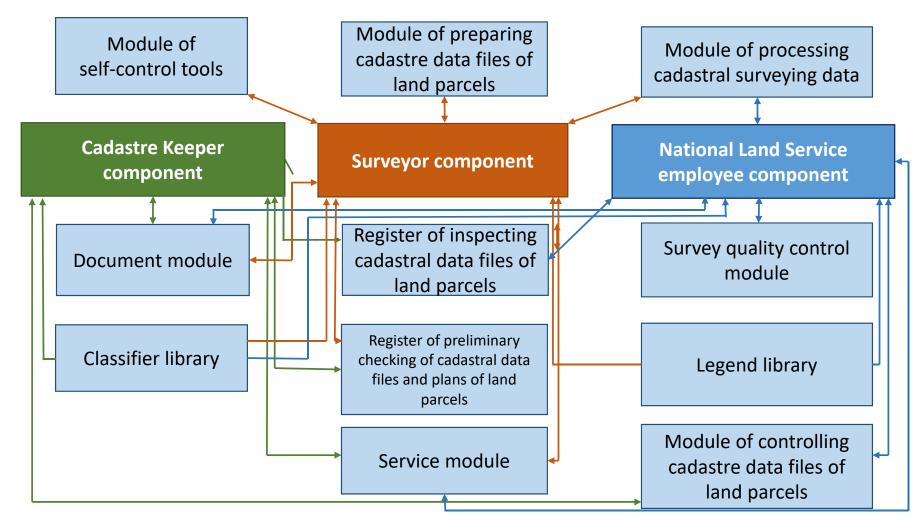


#### STRUCTURE OF THE DIGITAL PACKAGE OF CADASTRAL DATA





#### INTERNAL INFORMATION FLOWS IN THE REAL PROPERTY REGISTER SUB-SYSTEM GeoSurveyor





E-FILE FORMATION AND REAL PROPERTY OBJECT REGISTRATION IN VIRTUAL **ENVIRONMENT Checking of** e-documents **Real Property Register** E-decision to form a real property object **NATIONAL LAND** Subsystem **SERVICE OWNER** Submission of E-Surveyor e-file for inspection **Municipality** Ordering of Delivery of e-file of surveys **State Construction Electronic file** the registered real **Inspectorate** property object to the (original) owner Primary Receipt of e-file **Information system** for inspection data package INFO STATYBA Inspection of e-Formation of efile and documents registration **Submission of** ✓ e-file for E-FILE or inspection E-file paper copy **SURVEYOR CADASTRE KEEPER** Delivery of e-file of the registered

real property object to the owner

REGISTRŲ CENTRAS

#### NATIONAL FORMAT OF ELECTRONIC CADASTRAL DATA FILE

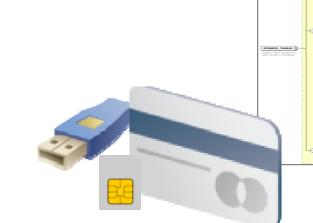
cadastral data electronic document, the content of which is defined by the Law on Real Property Cadastre, including vector data with digital cadastral data attributes specified by the Law on E-document

Must be signed by surveyor with e-signature

iviust be signed by surveyor with e-signature

Must be approved by other institutions by e-signatures

**NOT A PAPER FILE COPY (SCANNED)** 





**E-SIGNATURE WITH TIME STAMP** 



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