



State Land Service of the Republic of Latvia

CLGE SEMINAR "COOPERATION OF PUBLIC AND PRIVATE SECTOR IN LAND MANAGEMENT", Riga, 22 September, 2016

From Traditional to E – Cadastre - Experience of Lithuania

Mr. Rimantas Ramanauskas, Deputy Director General, Centre of Registers, Vice-President of The LAS

Mr. Kazys Maksvytis, Head of Real Property Cadastre and Register Department, Centre of Registers, Member of The LAS

Ms. Jolanta Česnauskienė, Deputy Head of the Division on Supervision of Cadastre File Control, Centre of Registers, President of The LAS



CONTENT

Concept of Electronic Real Property Cadastre and Register

Reasons to introduce e-files of real property cadastral data

Solutions adopted and planned in Lithuania (E-Surveyor)

Future process



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.



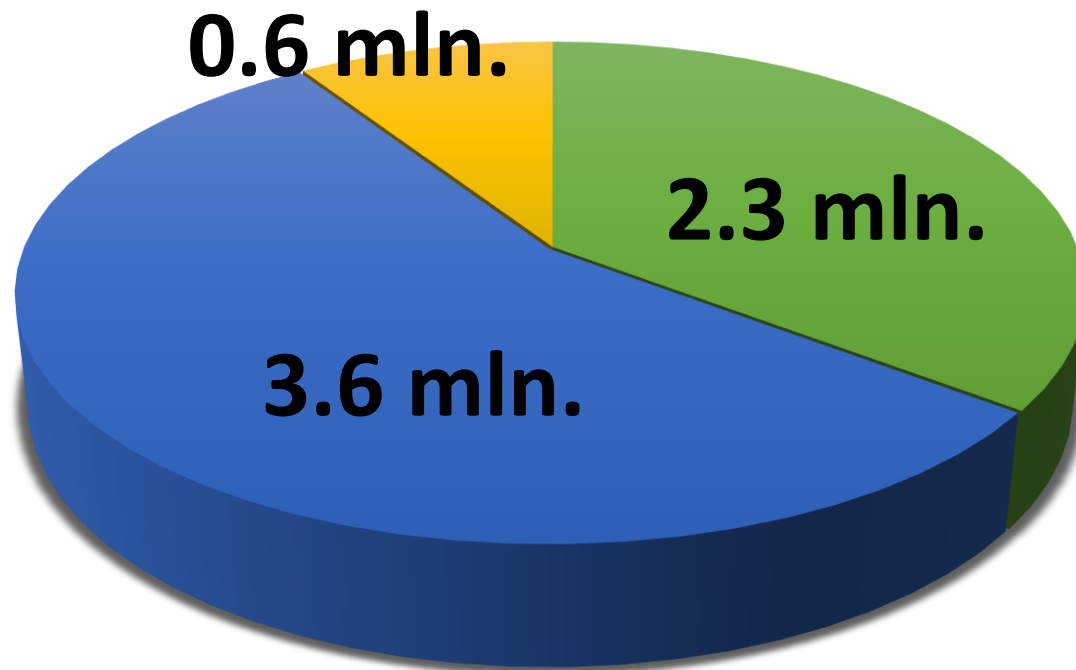
Full e-integration with the base state registers

Extensive preparation and provision of e-documents to users



STATISTICS OF THE REAL PROPERTY REGISTER IN LITHUANIA

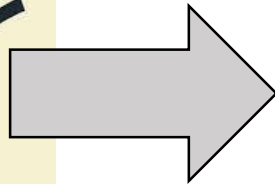
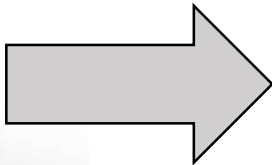
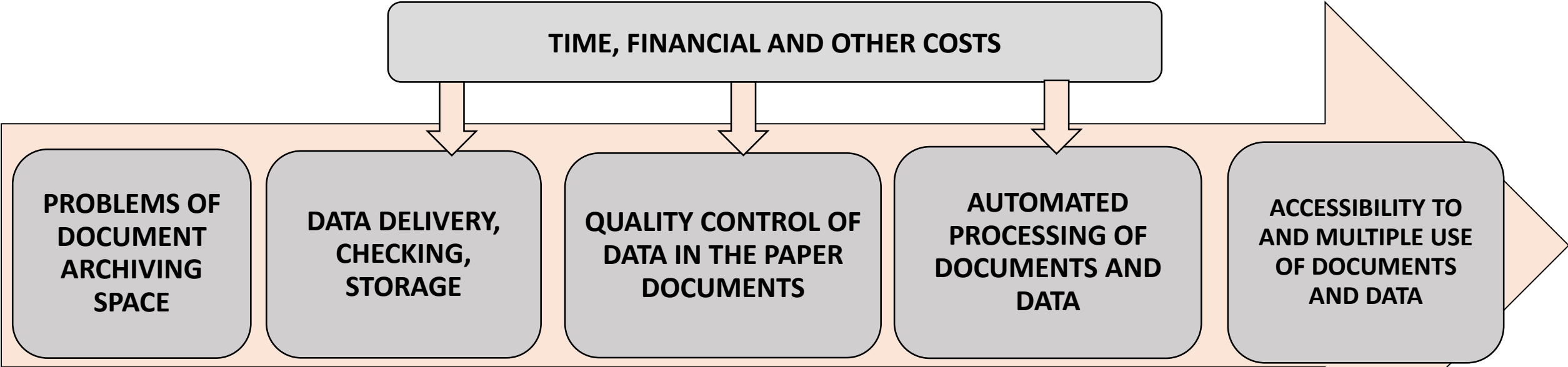
6 524 633 real property objects registered in the Real Property Register on 01-09-2016



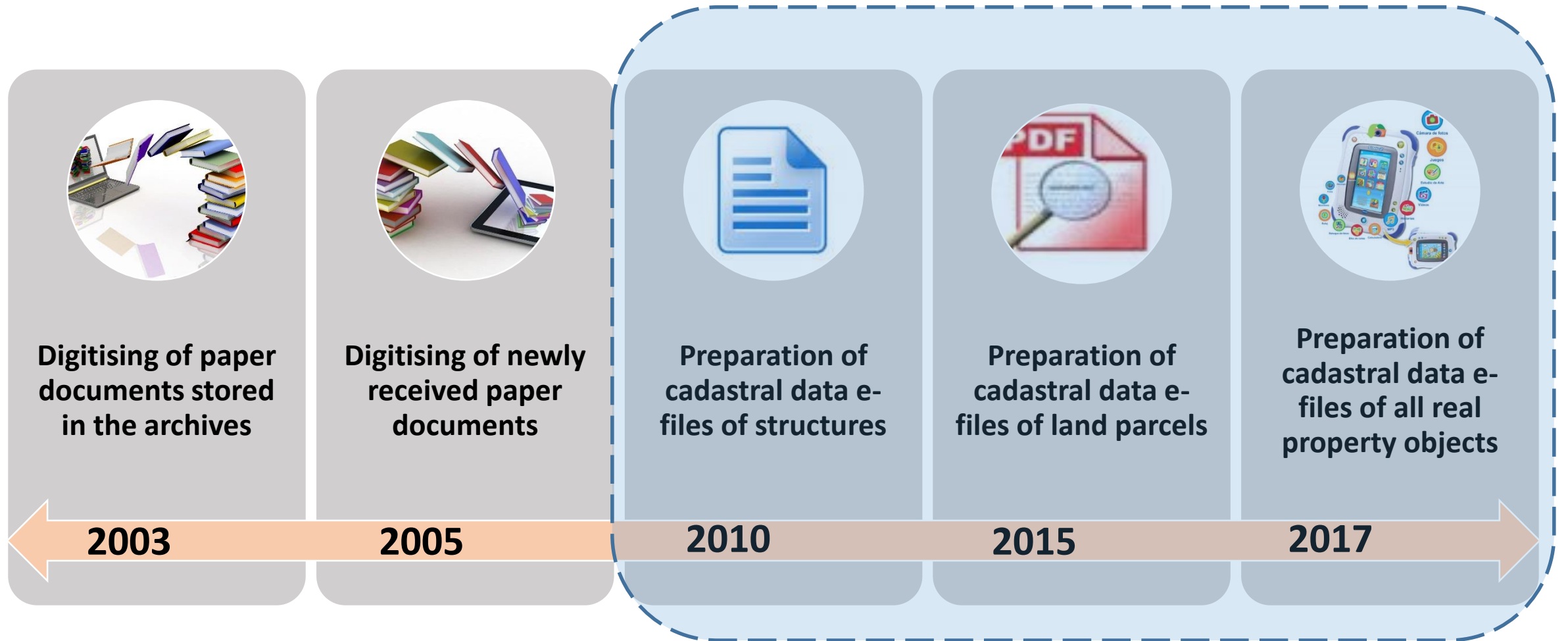
■ Land parcels ■ Buildings and premises (flats) ■ Engineering structures



REASONS TO MOVE FROM TRADITIONAL REAL PROPERTY CADASTRAL DATA FILES TO E-FILES



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



MAIN LEGAL ACTS (1)

LAW ON E-SIGNATURE — 2000-07-11

Specification requirements for electronic document signed with electronic signature — 2008-10-09

Specification for electronic document signed with electronic signature ADOC-V1.0 — 2009-09-07

Specification for computer readable electronic document signed with electronic signature MDOC-V1.0 — 2010-08-25

Electronic document specification PDF-LT-V1.0 — 2014-08-29

Order No. V-62 of Director of the Centre of Registers as of 28 February 2013 On approval of specification for digital plan of land parcel and digital form of land parcel cadastral data

Rules for inspecting the electronic cadastral data file of land parcel and its preliminary checking in the information system *GeoSurveyor* — Order No. V-82 of Director of the Centre of Registers as of 31 March 2014

Order No. V-85 of Director of the Centre of Registers as of 1 April 2014 On approval of the procedure for delivery of documents for inspection of the electronic file of land parcel cadastral data or its preliminary checking in the information system *GeoSurveyor*



MAIN LEGAL ACTS (2)

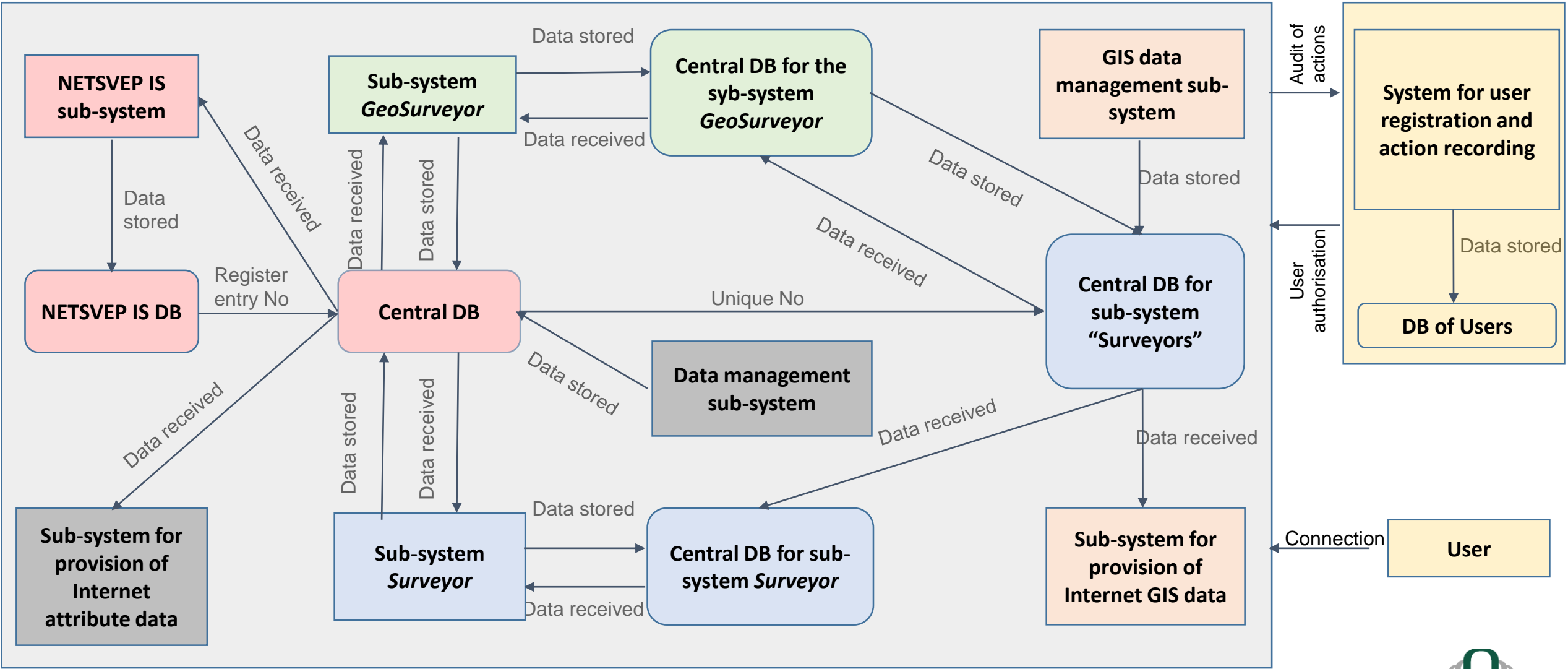
On 2 December 2015 the Government of the Republic of Lithuania passed Resolution No. 1238, which amended the Regulations of the Real Property Cadastre (further the Regulations) and starting from 1 January 2016 obliged surveyor and cadastre keeper to perform the preparation and approval of the file of cadastral data of real property object electronically as well as the recording and revision of real property object cadastral data into the Cadastre electronically .

Cadastral data files of land parcels must be delivered only through the information system *GeoSurveyor* in the manner set out in the Order of Director of the Centre of Registers No. V-85 of 1 April 2014 On approval of the procedure for delivery of documents for inspection of the electronic cadastral data file of land parcel or preliminary checking in the information system GeoSurveyor.

From 1 January 2017 cadastral data files of real property objects will be prepared and delivered for inspection and recording electronically including those cadastral data files of land parcels which are currently inspected by local units of the National Land Service.



INTERNAL INFORMATION FLOWS IN THE IS OF THE REAL PROPERTY REGISTER



NATIONAL FORMAT OF ELECTRONIC CADASTRAL DATA FILE

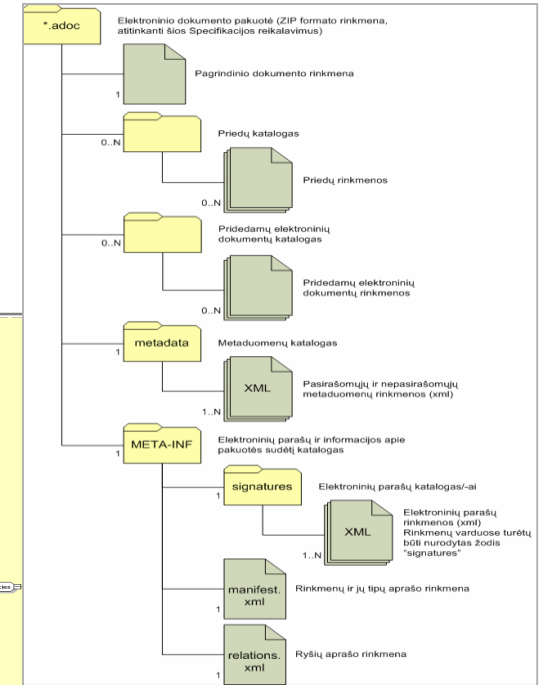
CADASTRAL DATA ELECTRONIC FILE OF REAL PROPERTY OBJECT –
electronic document, the content of which is defined by the Law on Real Property Cadastre, including vector data with digital cadastral data attributes specified by the law

Must be signed by surveyor with e-signature

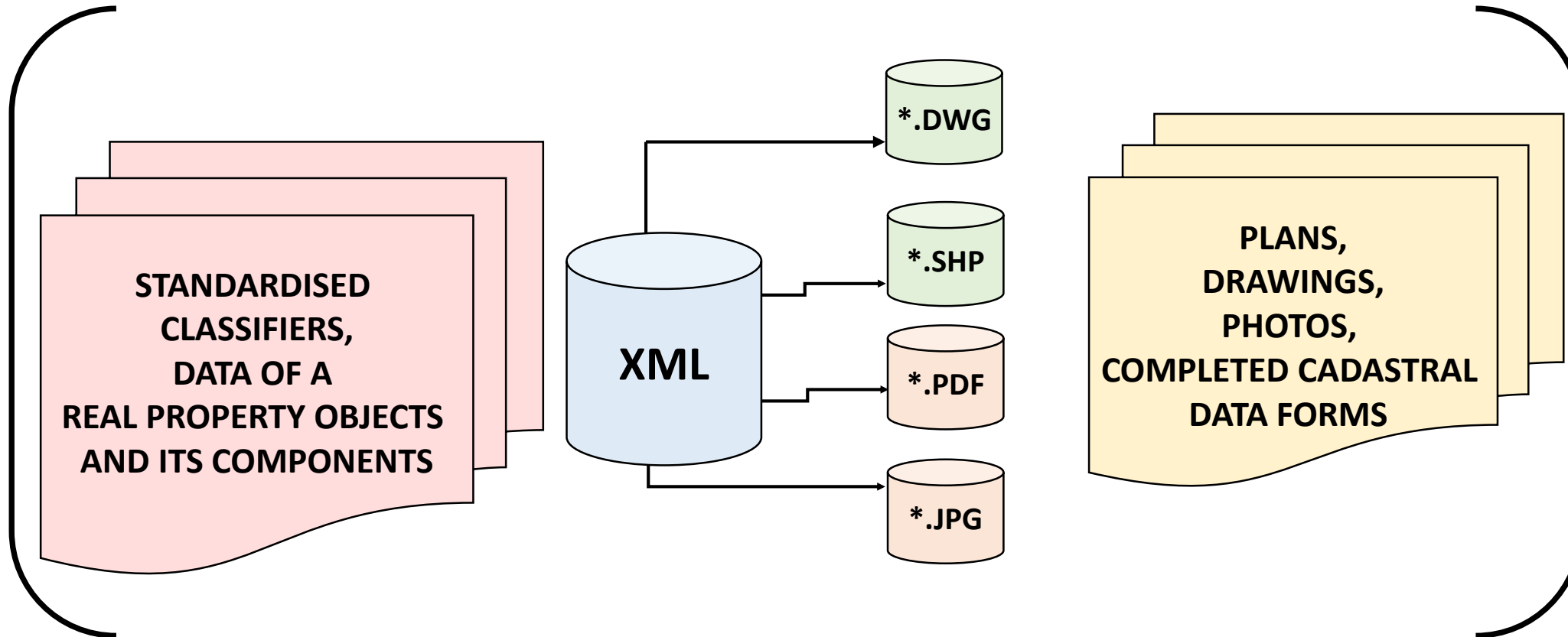
Must be approved by other institutions by e-signatures

NOT A PAPER FILE COPY (SCANNED)

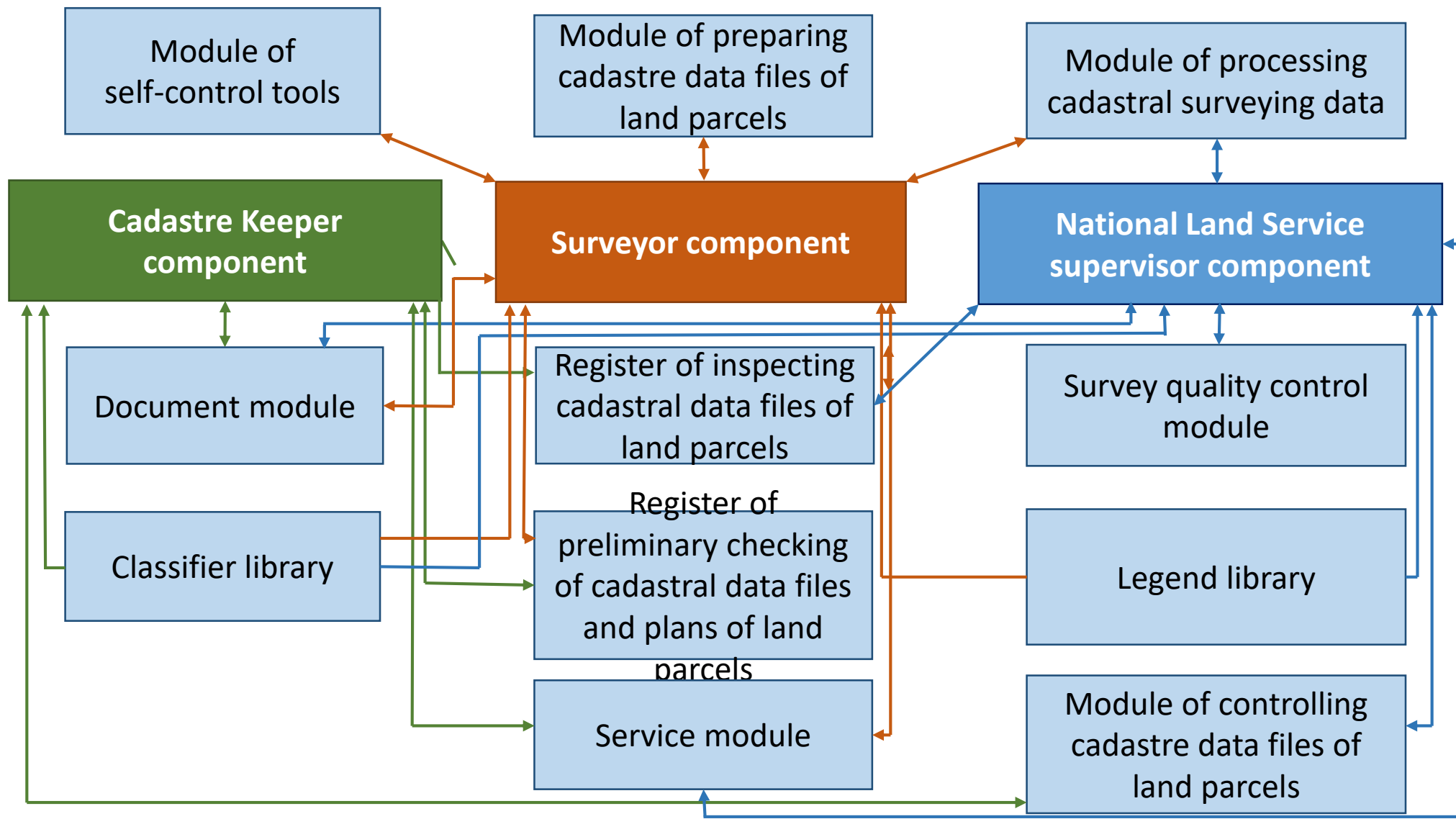
E-SIGNATURE WITH TIME STAMP



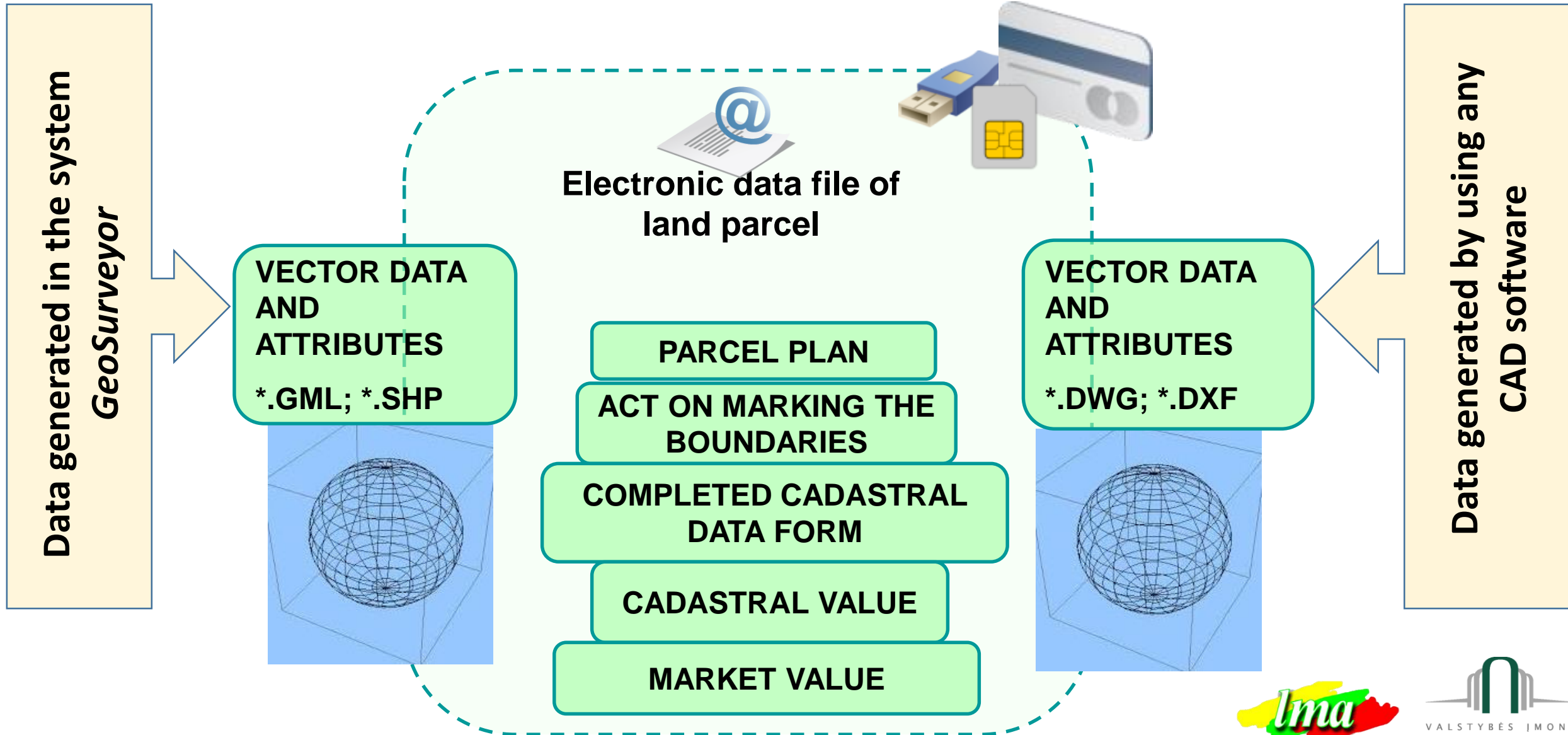
STRUCTURE OF THE DIGITAL PACKAGE OF CADASTRAL DATA



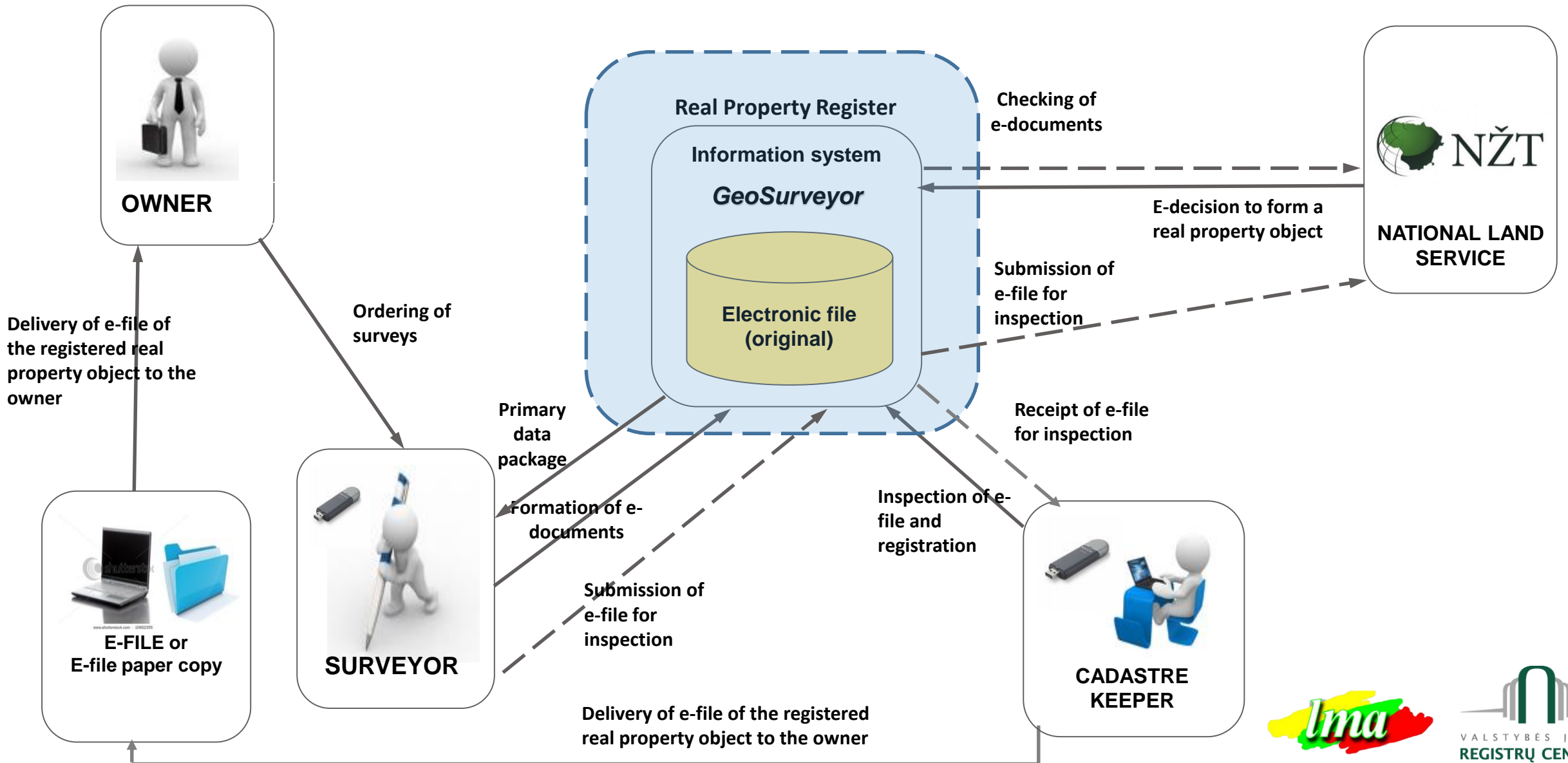
INTERNAL INFORMATION FLOWS IN THE REAL PROPERTY REGISTER SUB-SYSTEM *GeoSurveyor*



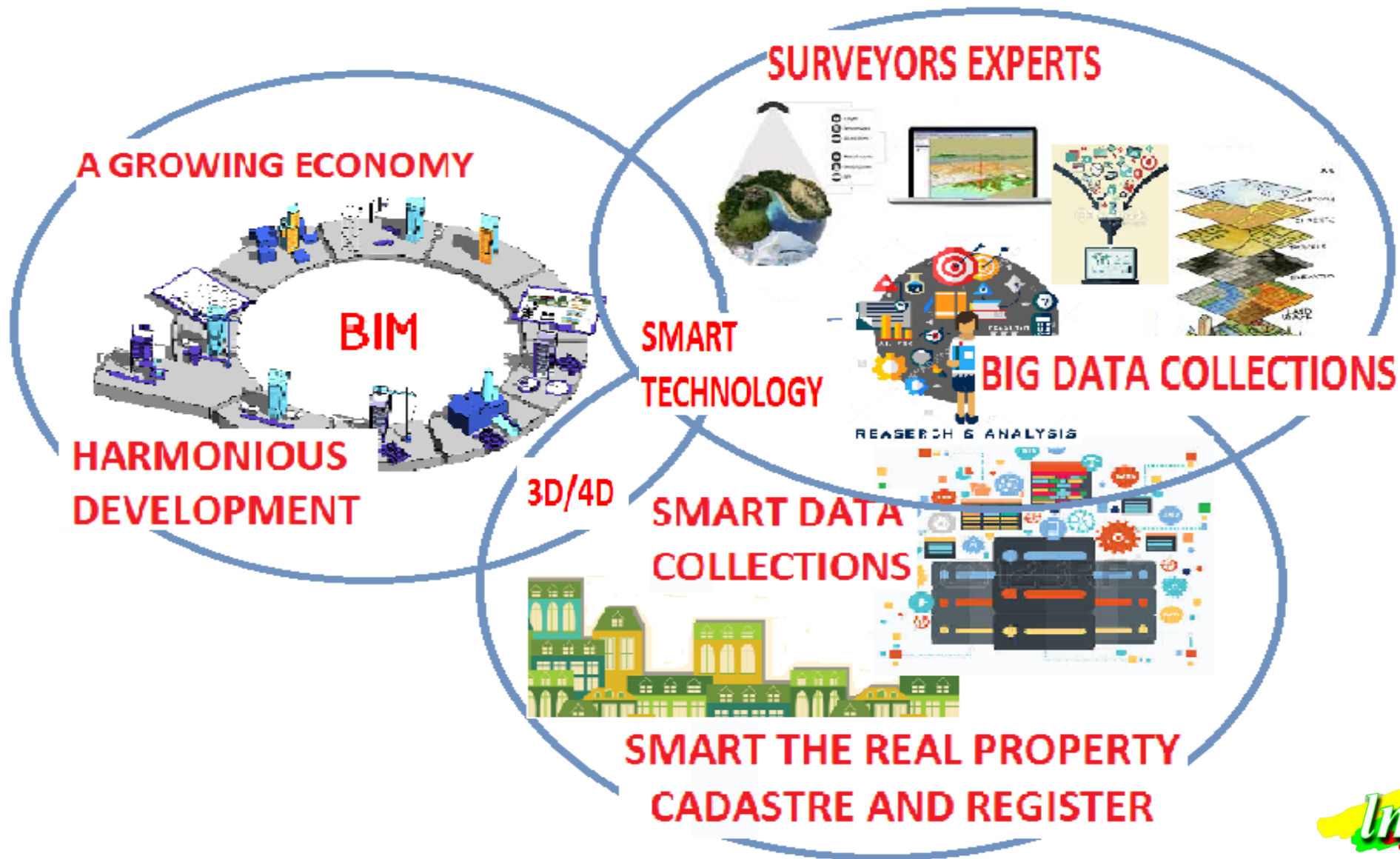
E-FILE OF CADASTRAL DATA OF LAND PARCEL IN THE GEOSURVEYOR



E-FILE FORMATION AND REAL PROPERTY OBJECT REGISTRATION IN VIRTUAL ENVIRONMENT



FUTURE PROCESS





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THANK YOU FOR YOUR ATTENTION

