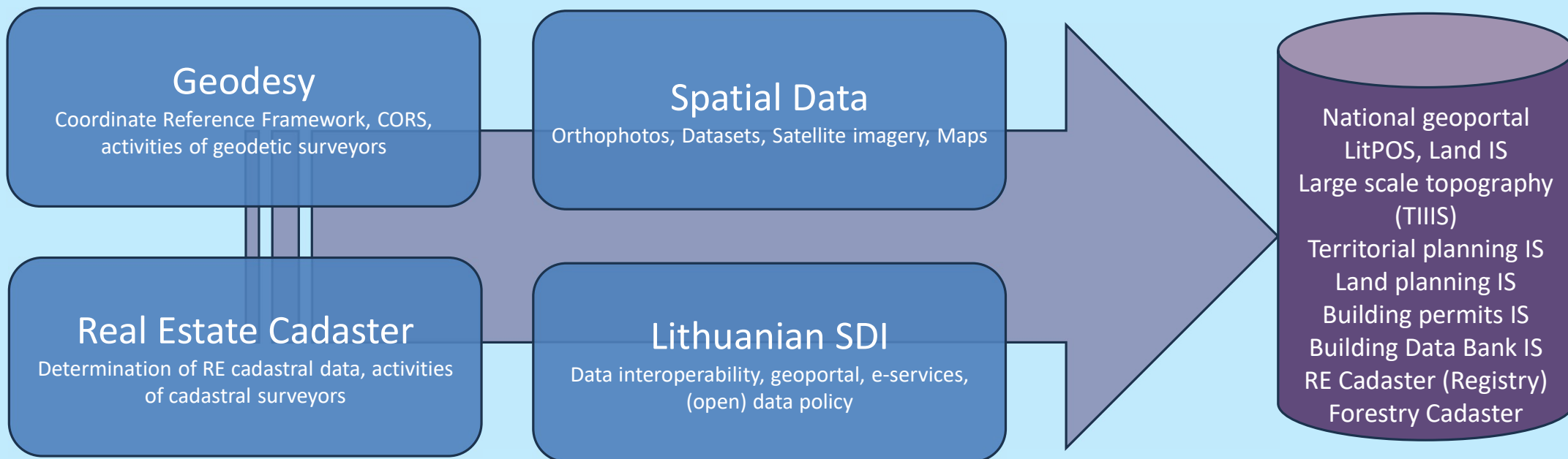


Update on development of national legislation towards geodesy and spatial data

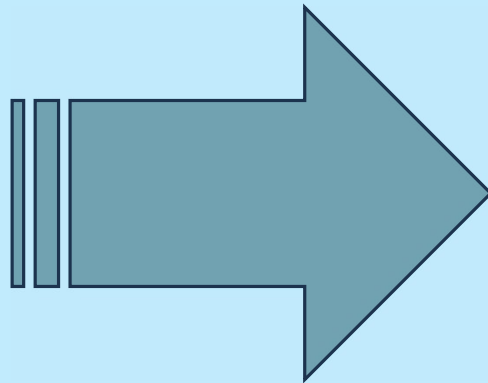
Level of Responsibilities of the Ministry of Environment



Changes the title of the Law

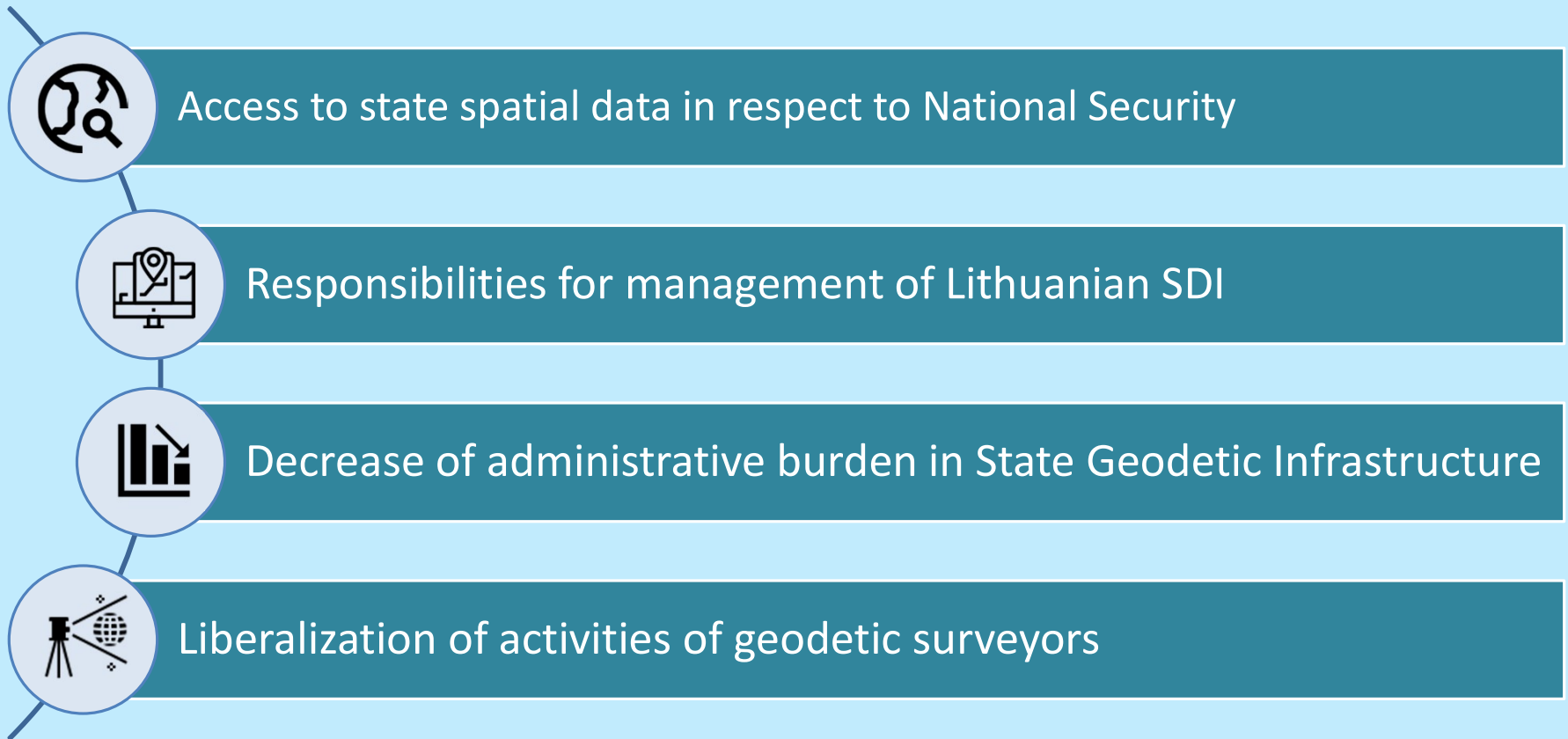


Law on Geodesy
and Cartography

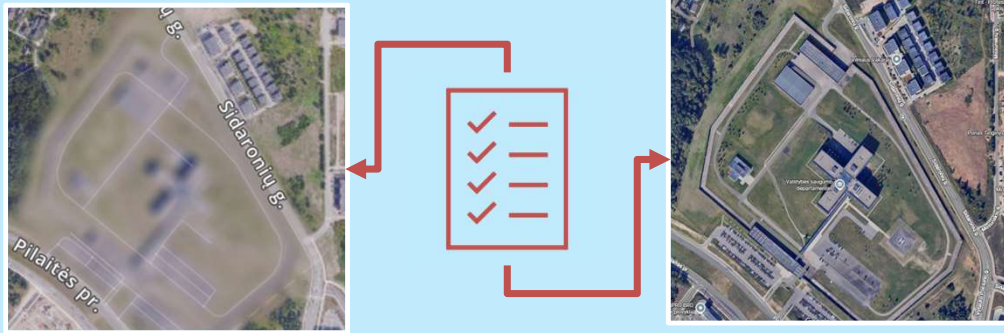


Law on Geodesy
and Spatial Data

Law of Geodesy & Spatial Data: Upcoming changes

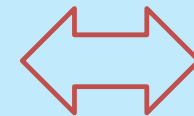


Public access to state spatial data shall respect requirements of national security



- Access and terms of use of **unrestricted content resources** for governmental use

- Restriction on an access to utility networks data shall **apply to all authorities**. Access to utility data are granted only **to authorized and permitted individuals**.

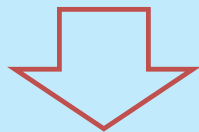


Decrease of administrative burden in State Geodetic Infrastructure

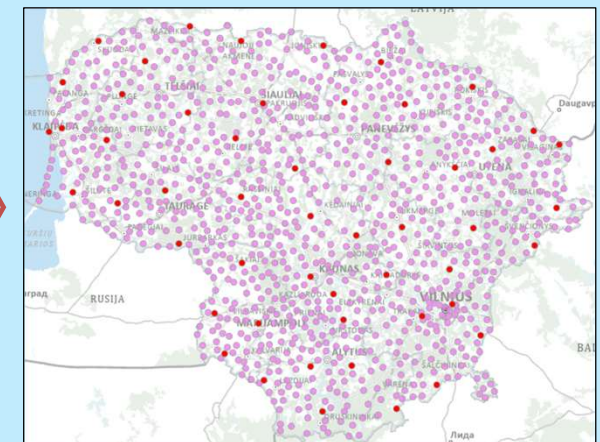
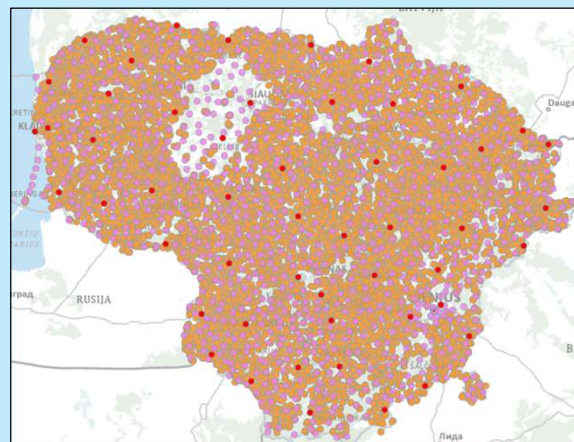


Removal of the requirement to maintain and restore the state GNSS III class ground control points, since their positional accuracy is lower than any point, connected to the LitPOS network/

GNSS class	Accuracy	No of points
0-I	5 mm	53
II	10 mm.	1 029
III	30 mm.	10 129
<i>LitPOS network</i>		
Stations	10 mm	34



Economical benefit of not further maintaining GNSS III class ground control points – about **289 000 Eur.**



Responsibilities of geodetic surveyors



Current regulation

for an uncorrected minor violation, the validity of the **certificate was suspended for 2 or 3 months**.

For an **uncorrected minor violation**, the validity of the **certificate was suspended for 3 months**, and for a **repeated** minor violation, the validity of the **certificate was terminated**.

For a gross violation, the **validity of the certificate shall be immediately terminated**.



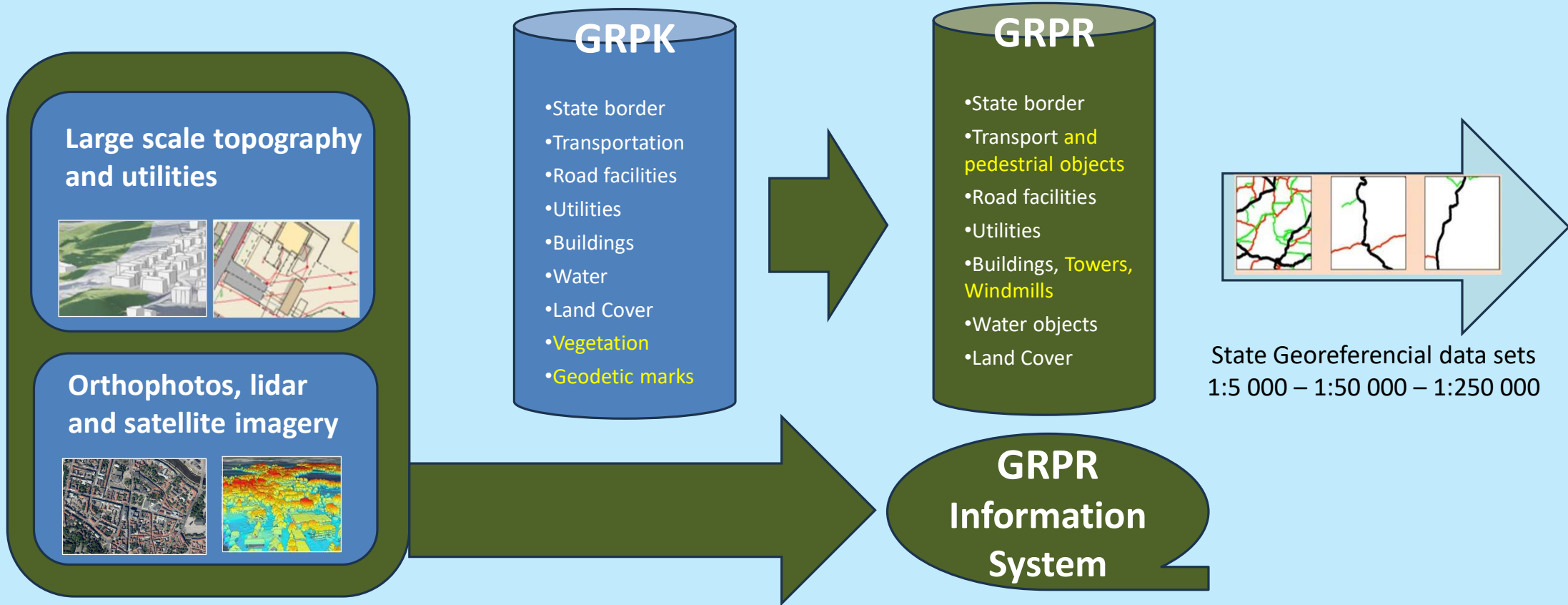
Proposed regulation

An oral remark for minor violation (Code of Administrative Offences (COO) - crime a low-risk act with the characteristics of an administrative offence).

For a minor violation - **a fine** according to the COO, and only when such a violation is not corrected - the **certificate is suspended for 2 months**. For **repeated non-gross violations**, the **fine is doubled**, but the sanction does not increase.

for a gross violation - **a fine according to the COO**, and the validity of the **certificate is terminated only in the case when the surveyor does not correct such a violation or commits it repeatedly**.

Georeference Base Cadastre is reorganized to Georeference Base Registry



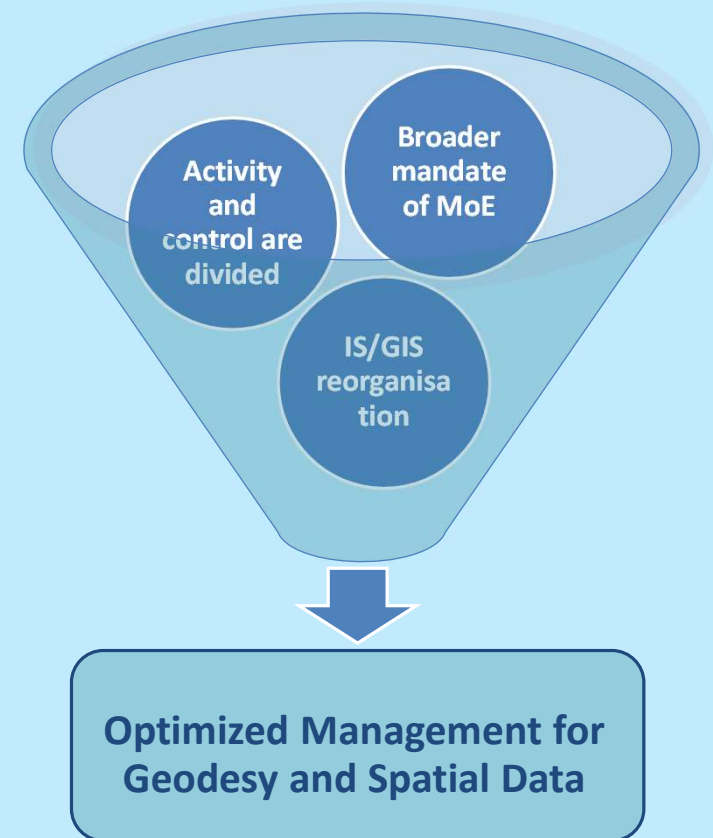
Geodesy and spatial data management



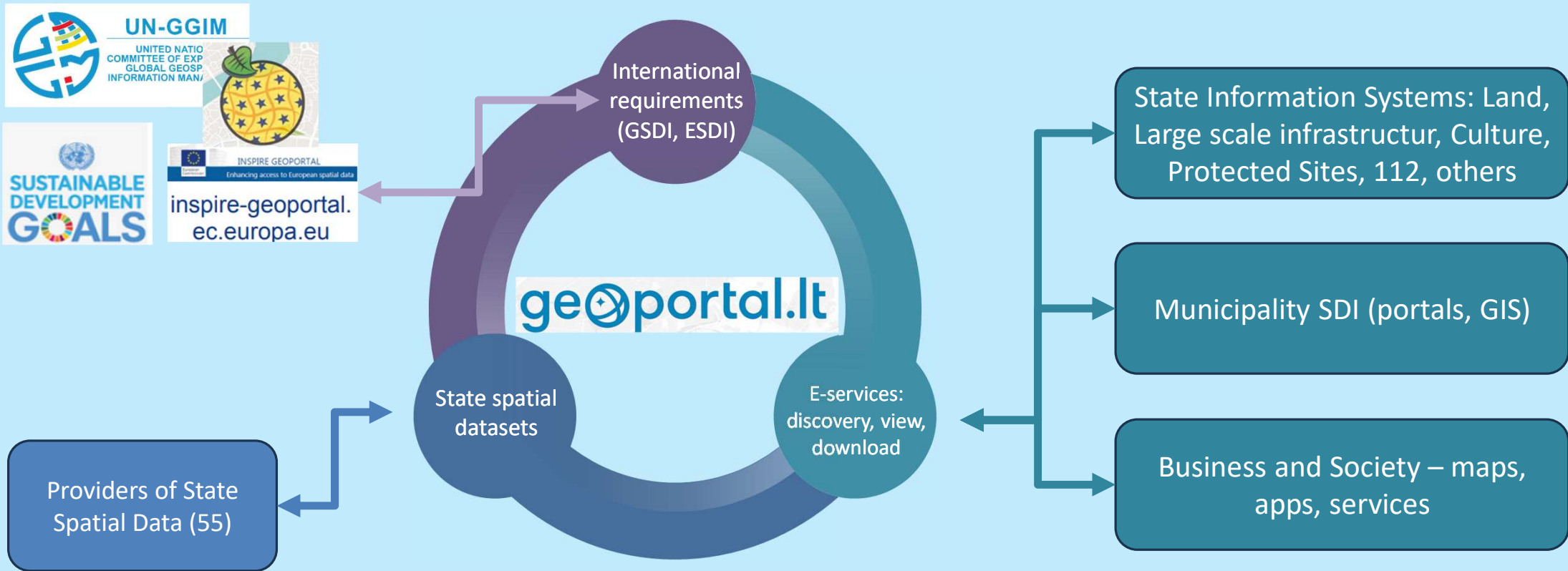
- Ministry of Environment is granted the right to approve legislative acts related to geodesy and spatial data

- NLS provides certificates to geodetic surveyors, while control is performed by the Territorial planning and Construction Inspection

- Consolidation of requirements toward activities in geodesy, spatial data, NSDI and geoportal operations



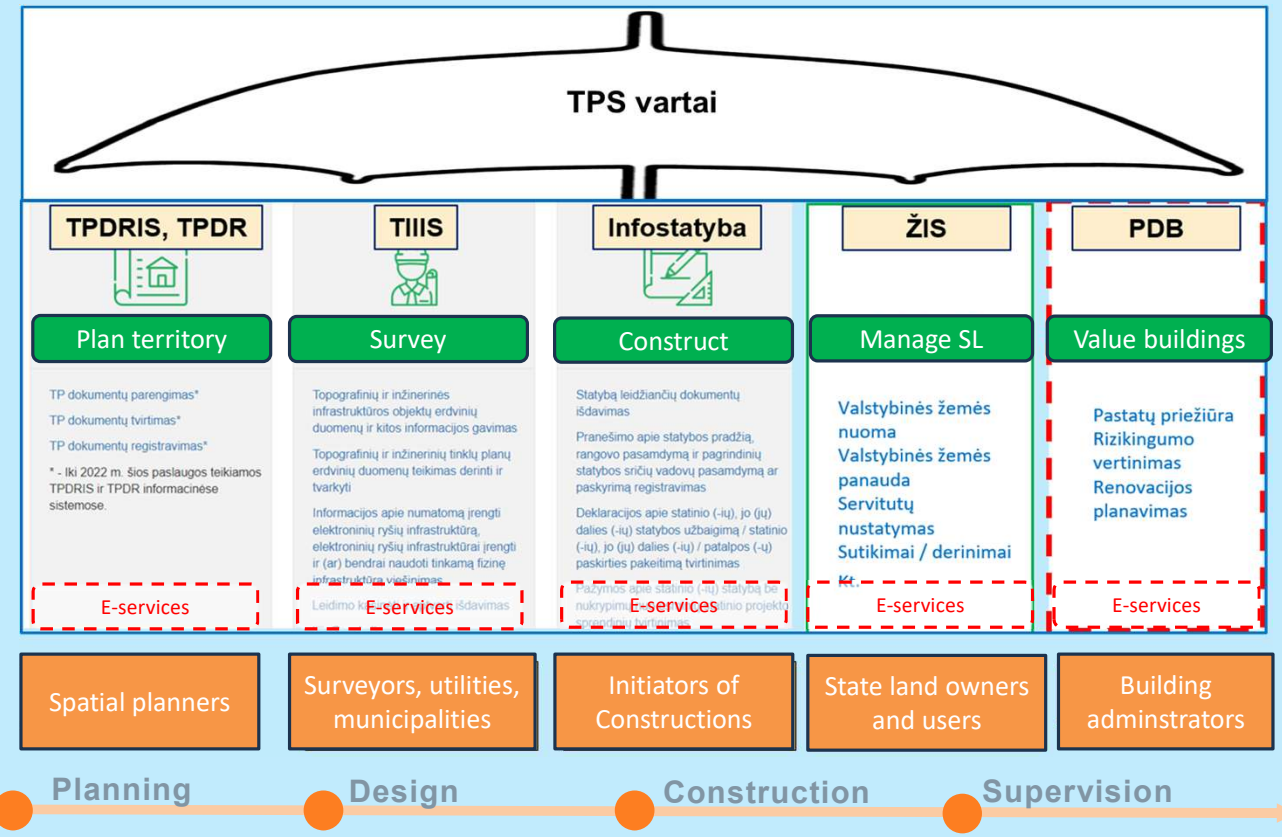
Lithuanian Spatial Data Infrastructure



Territorial planning and Construction Gate www.planuojustatau.lt



- State Spatial Data:
- GRPR
 - Address registry,
 - RE Cadastre
 - Forest Cadastre,
 - other



3 years cycle for Laser scanning and Aerial photography



Whole territory

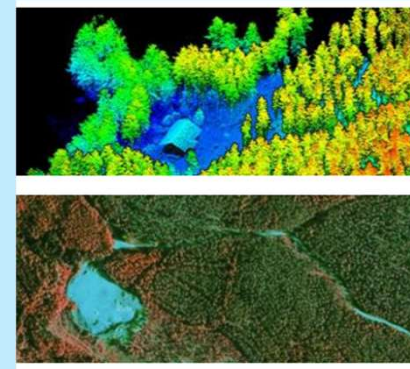
- *Laser scanning, aerial photography*

- Ortophotos: **0,2 m**, RGB, NIR.
- Lidar point cloud, 5 classes, 20 point / sq. m

Urban areas

- *Laser scanning, aerial photography*

- True ortophotos: **0,1 m**, RGB, NIR.
- Lidar point cloud, 5 classes, 20 point / sq. m



Forest inventory



Cartography



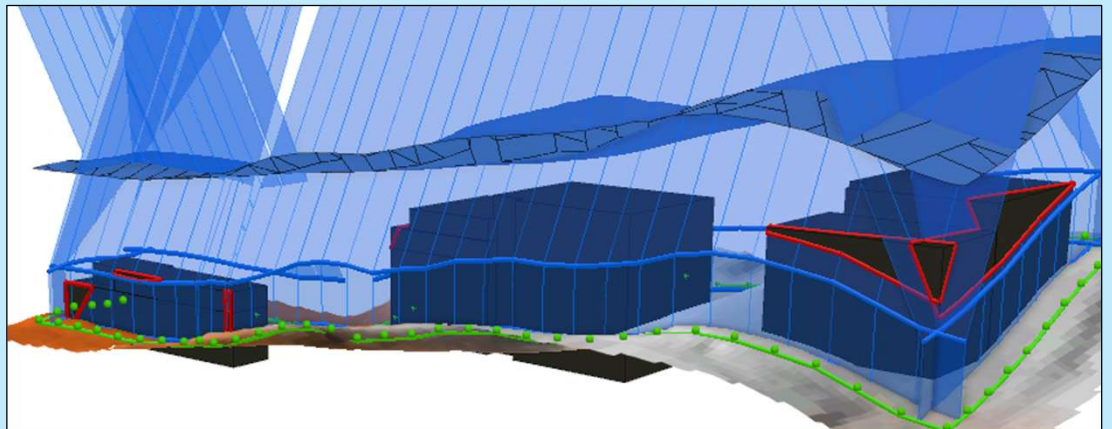
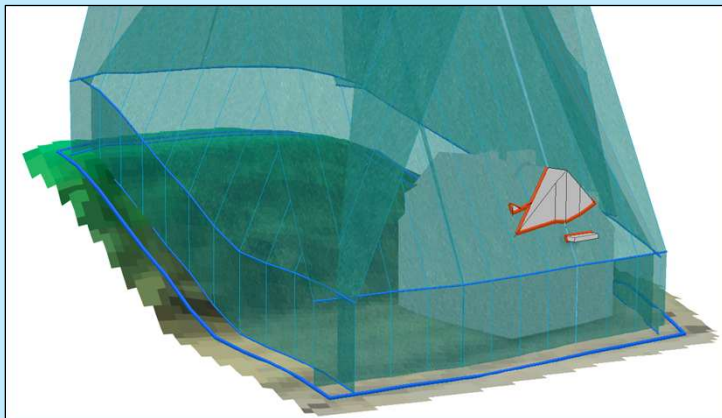
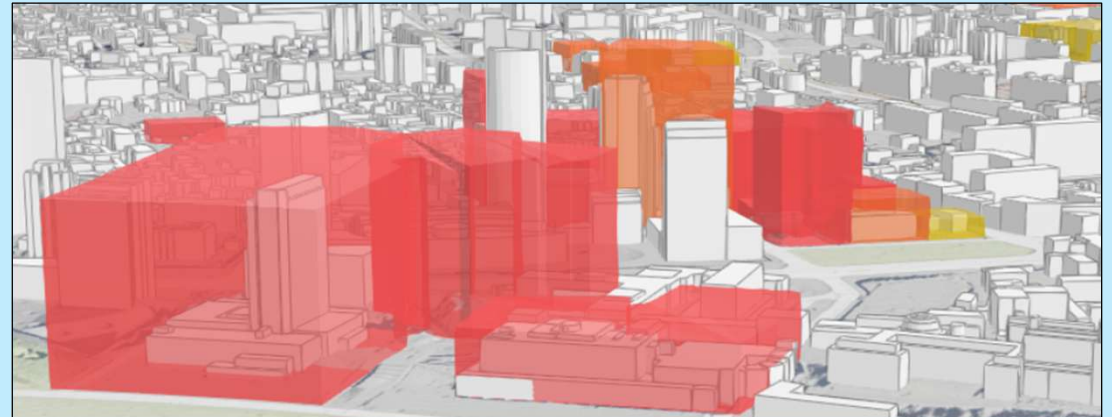
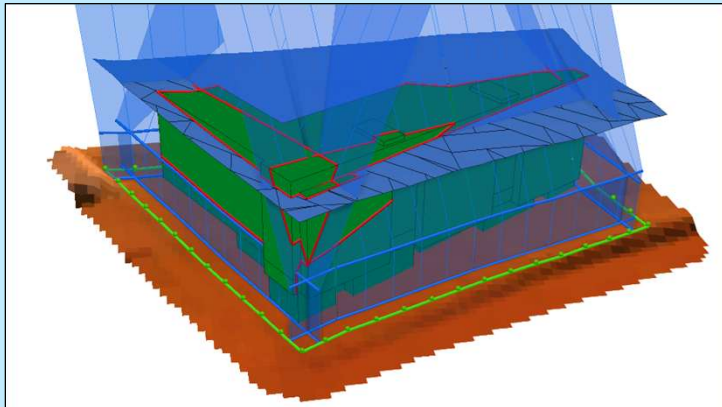
Parcel declaration

Land fund statistics

Water and Flood analysis

- Greenery inventory
- 3D modelling
- Control of Constructions
- Building height control
- Inventory of city parks and spontaneous vegetation

Control and validation of new buildings: 2D / 3D



Thank you for the attention