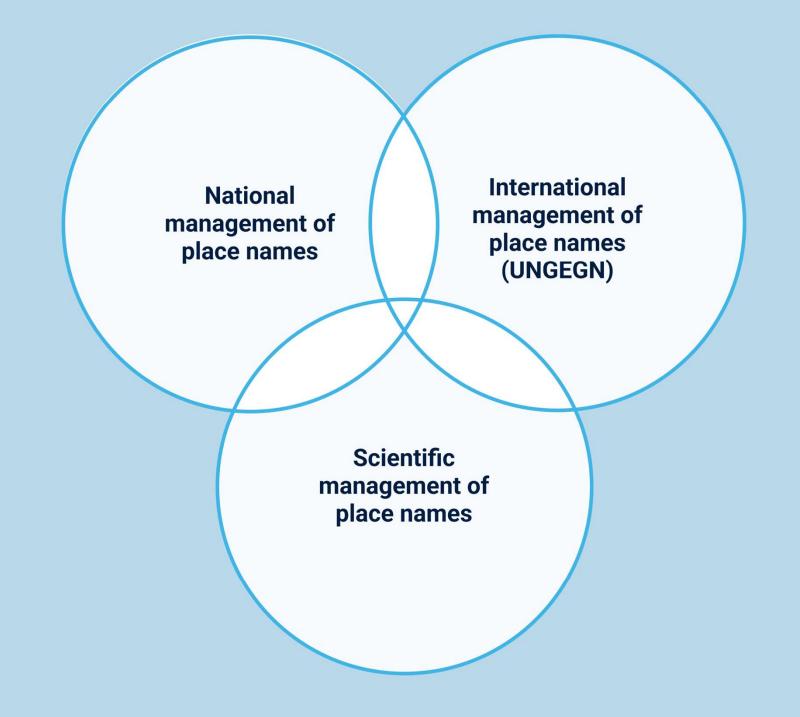


Estonian Place Names Register, legislation and developments

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Legislation

Place Names Act

- regulates the establishment and use of Estonian place names and the exercise of supervision thereover.
- The purpose of this Act is to ensure the harmonized use of Estonian place names and the protection of place names of cultural and historical value.

Place Names Act

Place Names Board

to provide an opinion

National Place Names Register

to record and collect

Place name

Official place name

- established for a named feature by a legal act or
- approved by a resolution of the Place Names Board

Unofficial place name

 has not been established by a legal act

 anyone can make suggestions to determine an unofficial place name

Place name

Place name is **the name of a geographical object** (e.g., settlement, swamp, sea, river, etc.).

Named feature is a natural or man-made geographic entity.

Obligation for place names to be established

Administrative units;

Rural municipality districts and city districts;

Settlement units;

Address units (e.g., street, road, square, address area);

Railway stations, railway stops, other public transport stops, airfields, airports and ports;

Cadastral parcels (with some exceptions)

Data in the Place Names Register

Official place names (principal name and alternative name if available)

Unofficial place names (unofficial preferred name, unofficial other names)

Basic documents of place names

- **Objects** (type of named feature, an identifier in a national database containing a named object, point coordinates)
- **Coordinates of the area** of influence about the named objects whose data are not available in any other national database

Data submitters

Data requesters

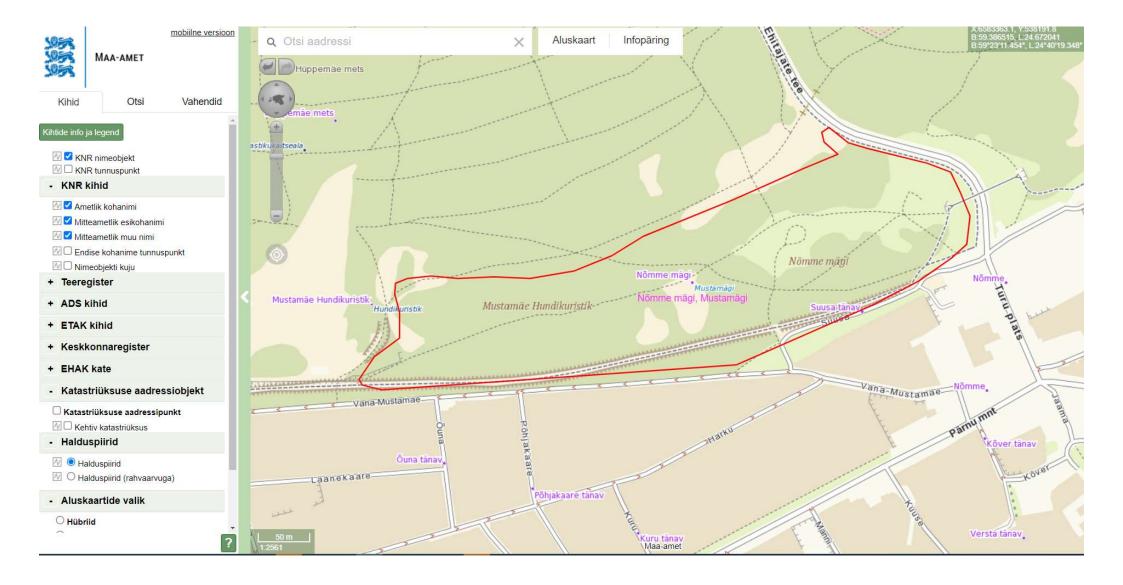
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registritega: <vali register> V Tunnus:

	Liik	Algus	Lõpp	Alusdokument
Seotud menetlused:	haldaja tehniline andmekorrastus	21.02.2020	21.02.2020	
	ametliku kohanime menetlus	17.05.2019	17.05.2019	Tallinna Linnavalitsuse 29.04.2019 korraldus nr 574-k

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Place Names Register (KNR)

The Place Names Register **was established in 1998** as a place names list of the national cartographic database.

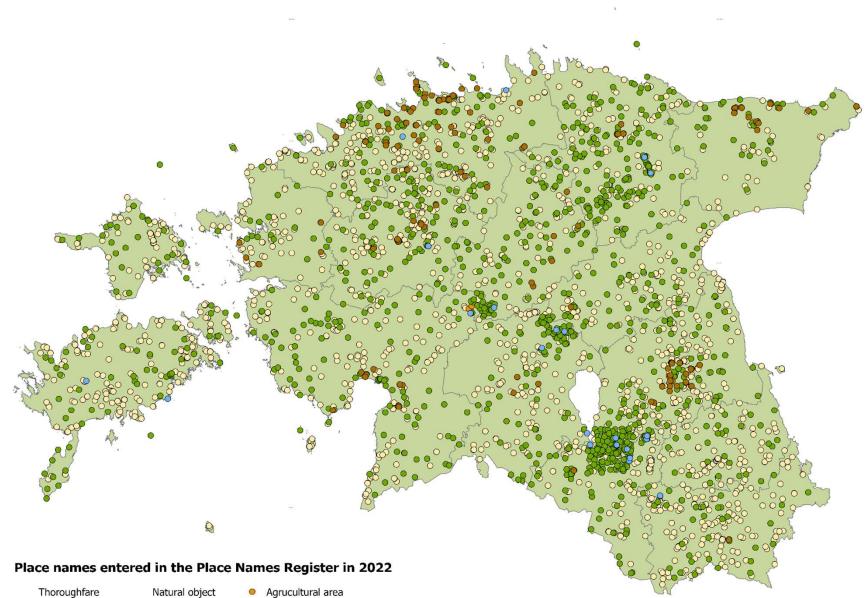
The Land Board is **the controller of the register** since December 1, 2020.

Place Names Register (KNR) Total 352 546 objects (without cadastral parcels with name – 69 683 place name objects). Some objects used in POI data as well (for

example public transport stops).

Gives street names and address area names data to ADS (Address Data System).

Needs development first, as **technical infrastructure is outdated**.



- Thoroughfare
 (street name), address area, road, social area
- Water body
- Natural object (landscape, individual protected natural objects, upland, protected area, hill, valley, ...)

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- Cultural, archaeological area; burial place Cadastral parcel
 - County

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KNR

Тüüp	Type name	Count
liikluspind	Street name (used in addresses)	17896
tee, ringtee	Road name	8373
bussi-, trammi-, trolli-, taksopeatus	Public transport stop	8321
mägi, oos, voor, rannavall, luide	Montain, hill	4617
küla	Village	4481
järvistu, järv, lais, laugas	Lake	3201
soo (soostik, soo, raba, soo-osa)	Swamp, bog	1673
matmispaik (kalmistu, surnuaed, üksikhaud)	Cemetery	1530
tehisveekogu (veehoidla, paisjärv, tiik)	Artificial water body	1478
puittaimestikuga ala (mets, puisniit)	Forest	1396

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Local Government

The setter (enforcers, changers and cancelers) of place-addresses

Address Data System

Private and public sector registries and information systems that consume address data

for example: Population Register, Business Register, Land Register, Agricultural Registers and Information Board, Traffic Register, Estonian Rescue Board, Emergency Response Centre, registers of local governments, Omniva, Eesti Energia, Telia, Elisa, Eesti Gaas etc.

National building register

Buildings

Parts of the building (dwellings and parts of buildings not directly intended for living)

Estonian topography database (ETAK)

National Place Names Register

Place names

Land cadastre

Cadastral parcels Administrative units Settlement units

The Environmental Portal

Water bodies

The Road Register

National roads Local roads Private roads Forest roads

National Public Transport Register (ÜTRIS)

Stop names of public transport

The State Port Register

Ports

Address Data System (ADS)

is a framework of **organizational**, **technical** and **legal means** that

- ensures a uniform identification of address objects both in their location and in different data sets (registers),
- and a uniform organization of place-address assignment and address data processing.

Address Data

The Estonian Address Data System (ADS) contains

- addresses of cadastral parcels,
- buildings and parts of the building (with house/apartment numbers and/or place names, etc.),
- addresses of address objects that are used for addressing (e.g., thoroughfare, settlement units, municipalities and counties).

Address objects in ADS

Object	Number of objects
Cadastral parcel	~765 000
Residential building	~304 000
Non-Residential building	~684 000
Dwelling / flat	~555 000
Other part of building	~67 000
TOTAL	~2 375 000

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K ▼ Object type ▼ ADS-	OID Version ID Origin	D V Full address V	Unique aadress vrequirement	Version status	Links with other registers i	K clear map
Settlement unit AY000	005973 7717952 5973	Saare maakond, Saaremaa vald, Panga küla		(valid 24.10.20		● VIEW 🛓 JSON 🔗 LINK 🕑 show on map

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POI (Point of Interest)

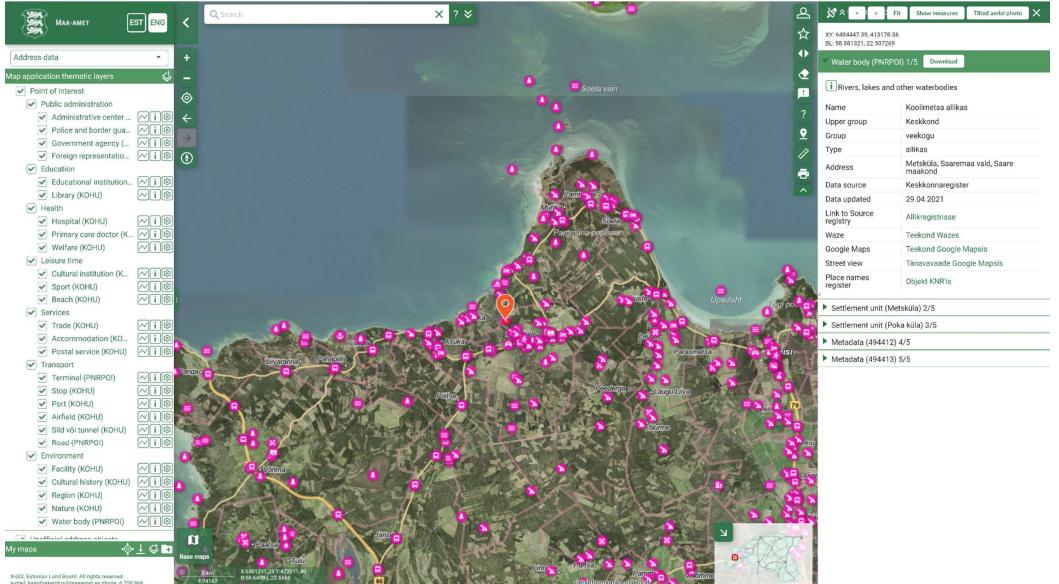
- At the moment mainly collected by Geoinformatics department from different state registers
- Mainly **used by Rescue Department** (to find correct locations of incidents).
- Some POI objects **used in ADS and public address searches** (also in In-ADS) as well – **16 473** POI objects.
- Total in POI system 84 325 POI objects.

POI

Тüüр	Type name	Count
huvikool	Interest school	2329
mõisa asukoht	Location of manor	1474
välispalliväljak	Sports field	1172
võimla, spordihall, spordisaal	Sport hall	895
koolieelne lasteasutus	Kindergarten	786
muu vabas õhus asuv spordiobjekt	Outside sports object	681
mõisa peahoone	Main building of manor house	626
põhikool või gümnaasium	Schools	620
kirik	Churches	563
raamatukogu	Library	547

POI (technical objects, or low data quality, only in POI)

Тüüр	Type name	Count
hüdrant	Fire hydrant	17 008
bussipeatus	bus stop	15 203
sild	bridge	2 524
veevõtukoht	water extraction site	2 110
kauplus	shop	1 817
määratlemata tüübiga peatus	stop with unspecified type	1 473
järv	lake	1 356
täienduskoolitusasutus	Institution offering trainings	1287
sidemast	Communication mast	1 194
parkla	parking lot	1 117
oja	creek	1000



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Future plans - AKS

Combines 3 existing registers:

- Address Data System
- Place Names Register (Kohanimeregister)
- Points of Interest

AKS - Address data and place names system

AKS

Reasons:

- Current Place Names Register is outdated
- To stop using Oracle as platform for ADS
- To give legal status to collection of POI-s

The project is currently in business analysis and will be developed for the next 3-4 years.



More information:

Address Data (Land Board website): <u>https://geoportaal.maaamet.ee/eng/Spatial-Data/Address-Data-p313.html</u>

ADS interfacing manual: https://geoportaal.maaamet.ee/docs/aadress/ADS_interfacing_manual.pdf

Spatial Data Act: https://www.riigiteataja.ee/en/eli/ee/526102020002/consolide/current

Place Names Act: https://www.riigiteataja.ee/en/eli/516112020001/consolide

Address Data System - Minister of the Environment Regulation No. 32 of July 1, 2021:

https://www.riigiteataja.ee/akt/118062021032

National Place Names Register in English: <u>https://xgis.maaamet.ee/knravalik/knr</u>

Estonian Land Board Geoportal: http://geoportaal.maaamet.ee/eng/

Public Service of the Address Data System: <u>http://xgis.maaamet.ee/adsavalik/ads</u>

Address Data Handbook (only in Estonian): <u>http://ads.maaamet.ee/</u>

Data Exchange Layer X-Road: <u>https://www.ria.ee/en/state-information-system/data-exchange-</u>platforms/data-exchange-layer-x-tee

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