



REPUBLIC OF ESTONIA  
**LAND BOARD**

# Estonian Place Names Register – Data Collection and Improvement

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UNGEEN

# Place Names Register

- First established in 1998 as cartographical register

Confirmed as a Place Names Register in 2004  
(edited in 2008)

Since 2008 the authorized processor for the register is Estonian Land Board

- Purpose - collect and register Estonian geographical place names in order to preserve them as national heritage as well as for use in different information systems
- Built-in business rules

# What is actually in it?

**245 administrative and 4673 settlement units** (country, counties, cities, city districts, rural municipalities, rural municipalities districts, towns and small towns, villages and settlements),

**864 other territorial units** (historical administrative or cultural units, national and nature parks, cultural heritage, project areas, etc),

**4 442 relief and terrain** (valleys, mountains, cliffs, plateaus, etc),

**4 859 water bodies** (lakes, rivers, streams, waterfalls, bays etc),

**1 488 islands,**

**1 646 land covers** (parks, beaches, moors, city forests),

**155 land use,**

**25 325 transport** (roads, railroads) – more than 16 000 are street names

# Data quantity

**In total:**

**43 699** Name objects

**46 859** Place names

**2 007** Name object added in 2014

**2 122** Place names added in 2014

# Data Collection

- Adding place names from the Estonian **Basic map**
  - In 2014 over 1200 place names were added
  - Mainly watercourse objects (rivers, creeks etc.)
- New place names are established by Local governments.
- A considerable amount of names come from the **Environmental Register**
- Once the decision has been made, the specialists from Address Data Department (Estonian Land Board) enters them in Place Names Register

# Data Improvement

- Legalizing unofficial place names
- Expert opinions
- Getting schemes to place names, that are established without schemes (mainly street-names).

# Plans

- Connections to different registers
  - MUINAS - State Register of Cultural Monuments (names of places of cultural heritage)
  - ÜTRIS – public transport information system (names of public transport stops)
  - ETAK - Estonian Topographic Database (shapes of name objects)
- Adding names of cadastral parcels.

# Adding cadastral parcels

- Approximately **109 300** new name objects
- Requirements:
  - (3) A land unit is not subject to the naming obligation, if:
    - 1) it is addressed according to the address unit;
    - 2) it is formed for servicing a technical object;
    - 3) no objects which require addressing are located there;
    - 4) it does not form independently used immovable property.



# Demonstration of applications

- Place names register and map service:
  - <http://xgis.maaamet.ee/knravalik/>
  - [http://xgis.maaamet.ee/xGIS/XGis?app\\_id=ADS4&user\\_id=at](http://xgis.maaamet.ee/xGIS/XGis?app_id=ADS4&user_id=at)
- Address data system integrable address search (In-ADS)
  - <http://inaadress.maaamet.ee/inaadress/kaart.html>

# The Search Form in Place Names Register

## SEARCH FROM PLACE NAMES REGISTER

Additional information about the Place Names Register can be obtained: from the web pages of the [Ministry of the Interior](#), the [Place Names Board](#) and the [Land Board](#)

\* X-GIS map window needs Macromedia Flash Player v8.0

\* As a result of Search these place names will be displayed that correspond to all predefined criteria

\* Empty Fields do not limit the selection

Place name or part of name	<input type="text"/>
	starts with <input type="text"/> *
Place name category	<input type="text"/>
Place name status	valid <input type="text"/>
Language	<input type="text"/>
Type of named feature	<input type="text"/>
Additional information (remarks)	<input type="text"/>
County	<input type="text"/>
Local government	<input type="text"/>
Settlement unit	<input type="text"/>
Identifier	<input type="text"/>
<b>Space filter (L-Est coordinate system)</b>	
X-coordinate L-EST (6 300 000-6 700 000)	<input type="text"/>
Y-coordinate L-EST (300 000-800 000)	<input type="text"/>
Extent (m)	<input type="text"/>
Place Names Register	<a href="http://www.maaamet.ee/ry/">http://www.maaamet.ee/ry/</a>

Find

E-mail

Home

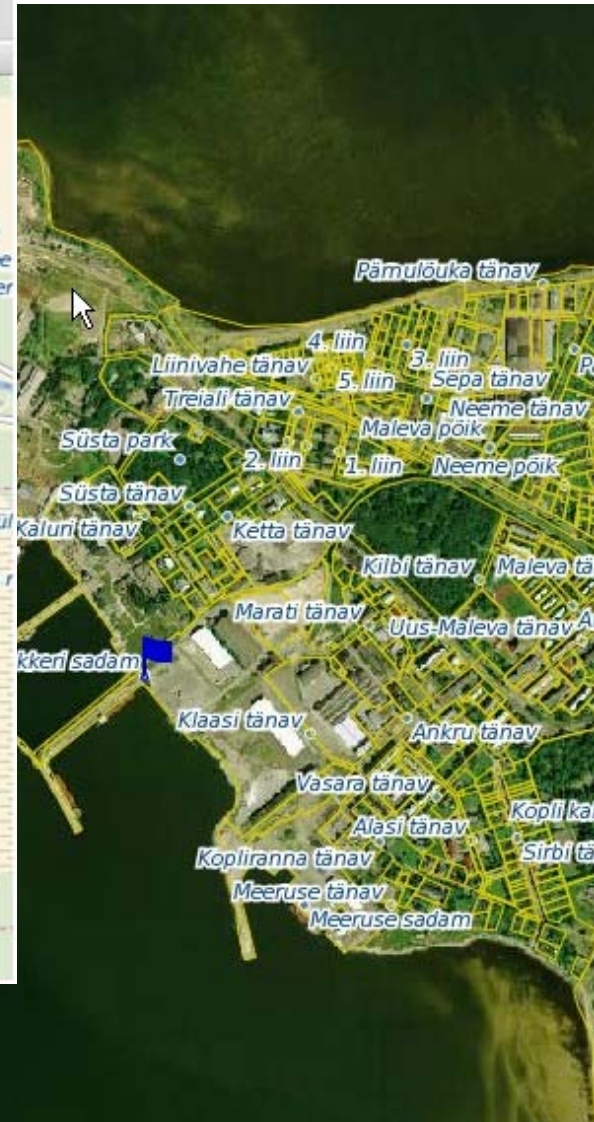
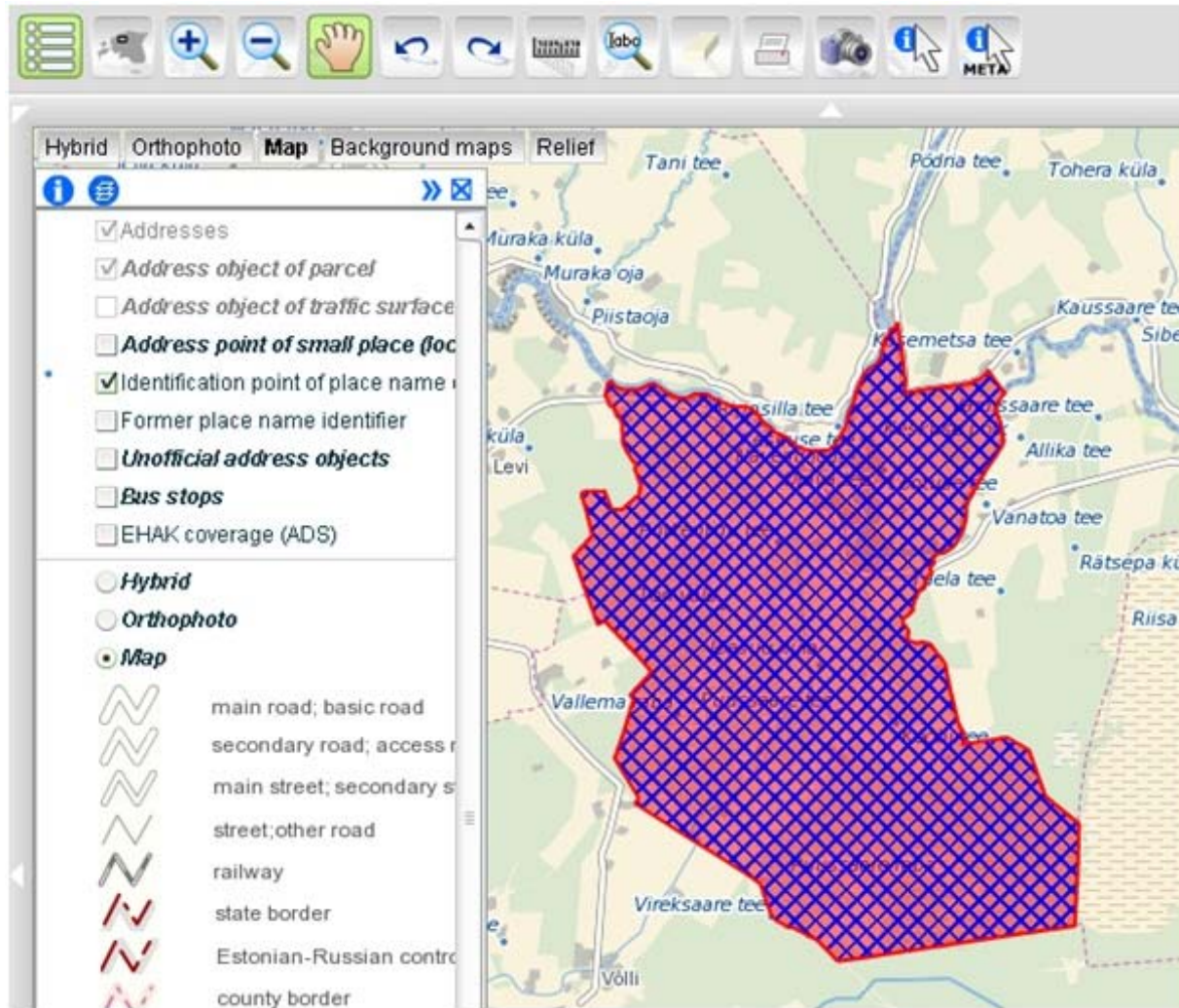
# Open Data

irnu maakond, Tori vald	6488808.94	548473.52	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>
irnu maakond, Tori vald	6480968.09	544380.9	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>
irnu maakond, Tori vald	6488507.7	552535.56	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>
irnu maakond, Tori vald	6479832.06	547153.82	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>
irnu maakond, Tori vald	6483139.81	554740.65	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>
irnu maakond, Tori vald	6480358.61	557394.58	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>
irnu maakond, Tori vald	6486617.28	546487.64	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>
irnu maakond, Tori vald	6478738.25	545049.74	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>
irnu maakond, Tori vald	6486598.52	555572.82	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>
irnu maakond, Tori vald	6476665.2	543307.87	<a href="#">Center</a>	<a href="#">Spatial figure</a>	<a href="#">EKI LINK</a>	<a href="#">Record</a>

101...	121...	141...	All
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[Export CSV](#)

# On the map



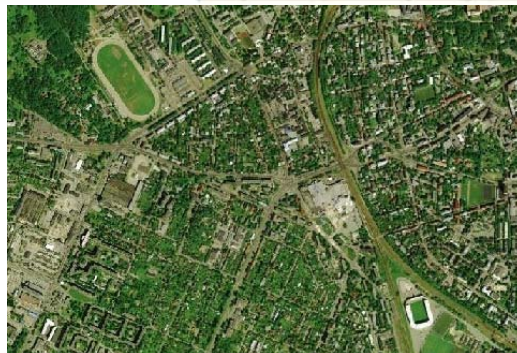
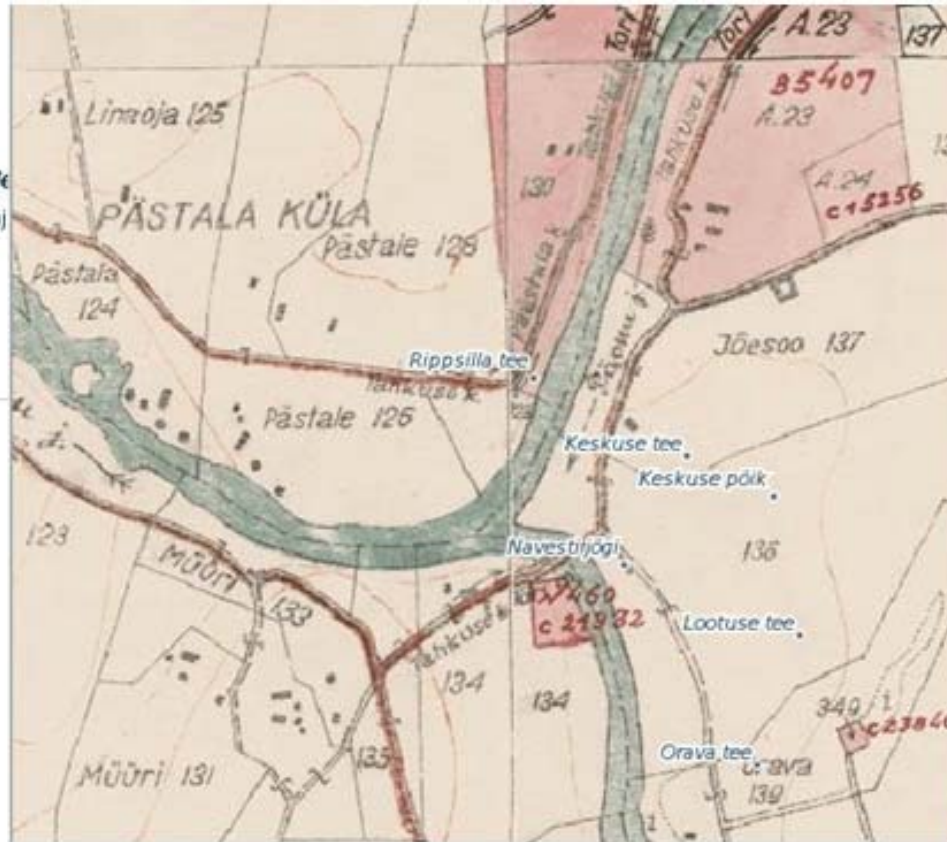


# Background maps

- Address object of parcel
  - Address point of parcel
  - Valid cadastral parcel
- Address object of traffic surface
- Address point of small place (focal)
- Identification point of place name obj
- Former place name identifier
- Unofficial address objects
- Bus stops
- EHAK coverage (ADS)

- Hybrid
- Orthophoto
- Map

- Background maps
  - Cadastral map (1930-)
  - Cadastral map (1978-)
  - Cadastral map (1930-)
  - Verst Map
  - Estonian Republic (19
  - Soviet military maps



# More information

- Estonian Land Board: <http://www.maaamet.ee/>
- [Spatial Data Act](#)
- [Government of the Republic Regulation No. 251 of 20 December 2007 “Address Data System”](#)
- National Place Names Register in English:  
<http://xgis.maaamet.ee/knravalik/knr?LANG=EN>
- Estonian Land Board Geoportal:  
<http://geoportaal.maaamet.ee/eng/>
- Public Service of the Address Data System:  
<http://xgis.maaamet.ee/adsavalik/ads>
- Address Data Handbook (only in Estonian)  
<http://ads.maaamet.ee/>



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# Thank You!

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