



LATVIJAS VIDES, ĢEOLOĢIJAS
UN METEOROLOĢIJAS CENTRS

Databases development in INSURE

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Main tasks



LEGMC and CAB took part in this activity

1. LEGMC developed new data base for contaminated sites in Latvia, also mobile applications which was connected to data base;
2. CAB work on Sweden data base improvements, education and development. Trainings sessions with municipalities and guidance material

Latvia data base I



Reasons to create a new one:

- Old and not updated information;
- Technically need for improvement;
- Personal data protection EU regulations;
- Old classification was in use (NACE and territory)

<https://www.meteo.lv/lapas/vide/piesarnoto-un-potenciali-piesarnoto-vietu-registrs/piesarnoto-un-potenciali-piesarnoto-vietu-registrs?id=1527&nid=373>

Latvia data base II



Main improvements:

- Electronical data flow;
- Possibility add information about researches and remediation works;
- Information about type;
- Add attachments;
- Connection with land cadastre data;
- Part of Joint Environment Information system (JEIS)
(Maintained by LEGMC).

Latvia data base III



Development and implementation steps:

1. Interviews with stakeholders (Municipalities, Regional Environmental boards);
2. Study visits to Finland, Sweden;
3. Review materials from other countries;
4. Preparation of data base new form;
5. Specification for procurements procedure;
6. Procurement procedure;
7. Decision about winners, contract preparation;
8. Implementation phase. All work was divided in 2 weeks milestones. After each milestone we had meeting and test of deliverables;
9. Acceptance tests. Payments;
10. Data base is public since May 2018;
11. Support from producers in scope JEIS.

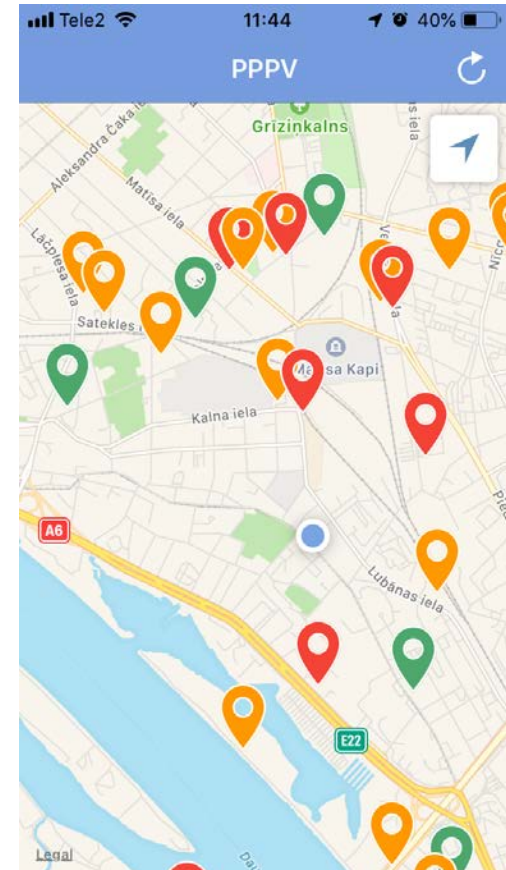
Mobile applications



2 applications types – iOS and Android

Possibility to find Contaminated Site with mobile phone if GPS is available

Applications download from LEGMC website - <https://www.meteo.lv/lapas/vide/piesarnoto-un-potenciali-piesarnoto-vietu-registrs/piesarnoto-un-potenciali-piesarnoto-vietu-registrs?id=1527&nid=373>



Map



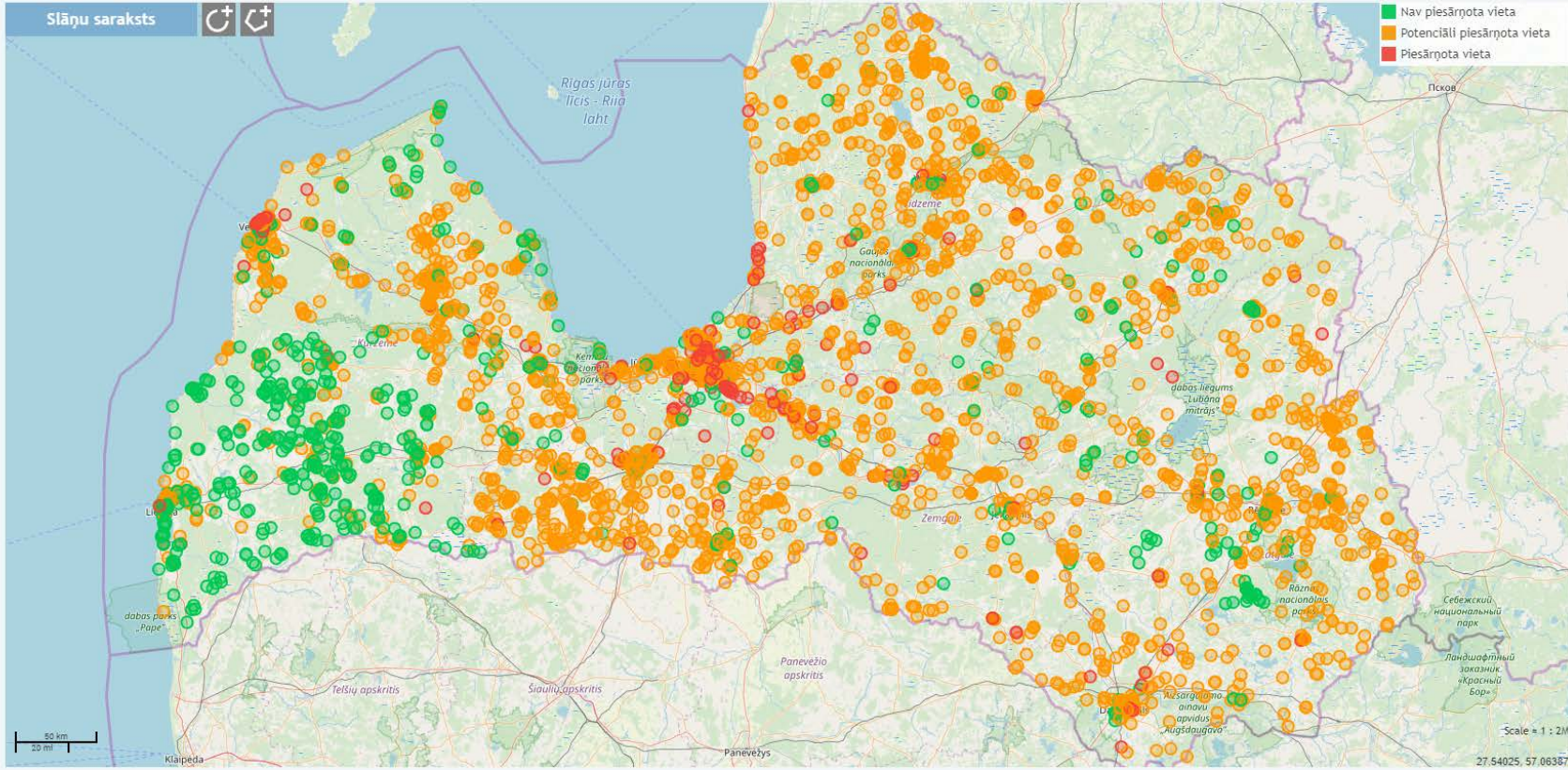
- > Lietotāja galvenā izvēlne
- > Administrācija
- > Objekti
- > APUS pavadzīmes
- > BRAPUS pavadzīmes
- > Lietotāji
- > Organizācijas
- > Pārskati
- > Pārskatu administrēšana
- > Objektu pieprasījumi
- > Publiskās atskaites
- > Ierobežotas pieejamības atskaites
- > E-pasti
- PPPV reģistrs
- Piesārņoto un potenciāli piesārņoto vietu saraksts
- Piesārņoto un potenciāli piesārņoto vietu karte
- > Izstrādei

Sākums x PPPV karte x

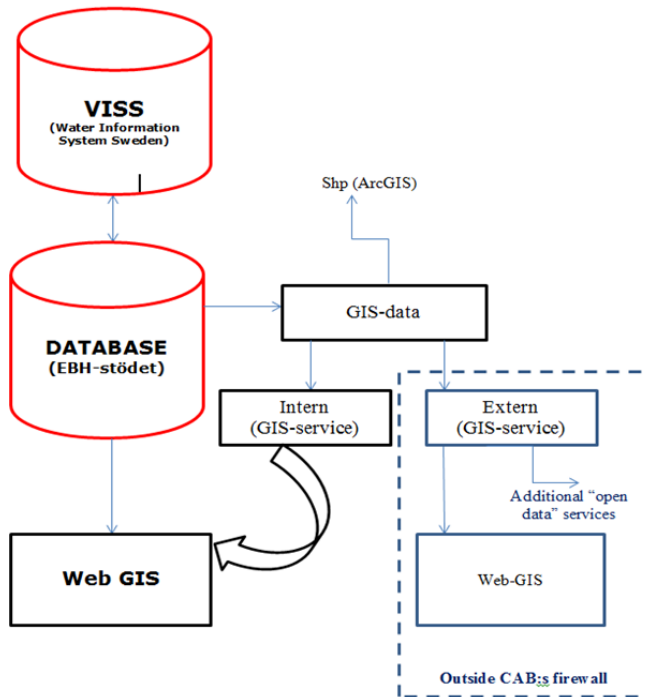
Piesārņoto un potenciāli piesārņoto vietu karte

Meklēšana

Slaņu saraksts



Sweden Database Services and functionality



The database is used in the work with contaminated sites and in the context of remediation

Examples

- Registration and storage of data and documents
- Following up the remediation process
- Visualization – the contaminated sites viewed in maps (Web-GIS)
- Statistics for monitoring (regional and national purpose)

Internal and external services of the system

- Extern service is mainly a map-service (GIS) with limited data available
- The internal part of the system includes data storage, data management and map-service (Web GIS)

Database activities

County Administrative Board (CAB)



Database improvement (D.T3.3.)

Improvement of the data of contaminated sites such as pilot area and several sites in the surroundings. New information about investigation, reports and information in general were added during the project. - Examples of new information: risk classification and the status of the work with the sites.

Database education (A.T3.4)

Training sessions – we visited the 13 municipalities in Östergötland (Sweden) and worked together in the database (EBH-stödet) with updating and other important information of sites (mainly sites classified as very high and high risk). Approximately 350 sites have been discussed and 50 of them have been updated.

Guidance material – an internal report with support and sections for updating and quality for efficient handling of data has been conducted

Communication about databases (A.T3.5)

Partner communication about database structure, functionality and work at web meetings and seminars



Thank You !!!

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