Ezeri.lv

Portal ~~~~~~~~~~~

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www.ezeri.lv is an interactive environment where is gathered almost all available information about lakes in Latvia. It's not only a place where you can find most extensive information about lakes - it is a place where you can communicate and participate.

Currently Ezeri.lv database contains 3473 lakes - more than 130 000 information units. Almost all lakes have interactive map, photographies, information about flora and fauna. Active participants who add information to Lakes.lv are lake owners, fishermens, divers and other friends of nature.

"We wanted to create solution that would be usefull and easy to use both for scientists and other people. I think that within these 8 years we have accomplish this task"

Jānis Sprūds, society "Latvian lakes", Member of the Board

Portal modules:

1. Database - broad spectrum of data about lakes with possibility to add comments

2. Blog - collection of articles about lakes

3. Forum - place where to discuss questions regarding lakes

Some comments from our visitors::

"First of all it is interesting to get new information about the lakes I already know as well as about unknown lakes. Second - in summer, planning weekend with family or fishing trip, before I usually take a look at information about the lake in Ezeri.lv"

Trezors

"Thanks to this portal this summer I have spent my holidays at very beautiful lakes, rested and enjoyed fishing. But the main thing of course is nature."

Juris

"This site definitely should be available not only in Latvian but also in English and Russian. English teacher asks from us to prepare presentation about lakes in English. Now I have to translate all by myself. Unfortunately..."

schoolgirl

Database

We have developed our database for 8 years. Information were added from field researches, other environment databases, scientific researches, books as well as form other information sources. The main advantage of our database is virtually unlimited number of parameters. At the moment the database contains about 90% of the current available information about lakes in Latvia. Ezeri.lv is one of the first database in Latvia which use Google Maps for object location.

Use cases

- possibility to virtually visit Latvian lakes
- information for active tourism
- source of information for schools and universities
- information for fishermens, divers
- information for scientists
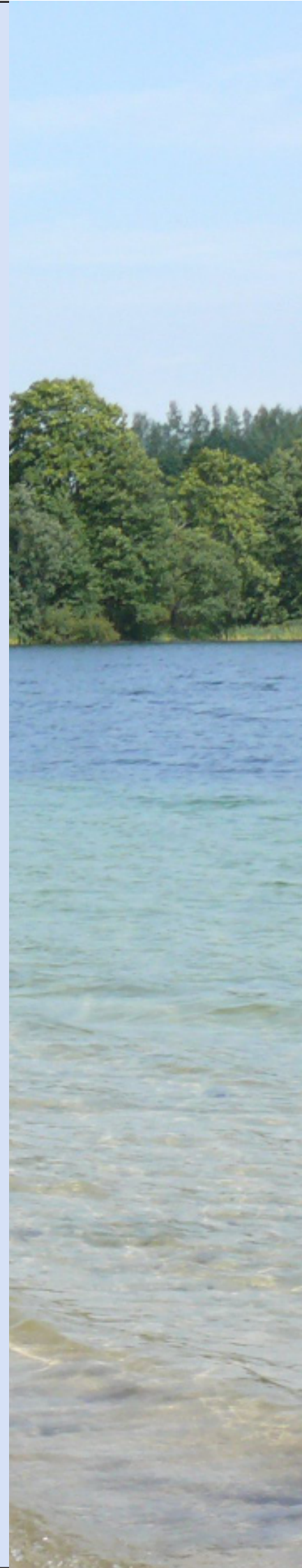
Interesents

- people that like active tourism, fishermens, divers
- people that want to buy or rent immovable at lake
- land, guest house and lake owners
- bibliographics, information centers
- scientists
- governmental and nongovernmental institutions

Technologies

We are using Memcached servers to store the most frequently accessed information. Because of our cache servers, we're able to return information from our huge database in just microseconds. We have also developed an AJAX based "Advanced Search" tool which allows you to search our database and instantly see results to even the most complex search queries.

Information available in database: (as off 19th October, 2007)

Lakes:	3473
Artifical lakes:	1037
Records:	137845
Parameters:	214
Images:	10414
Maps:	781
Comments:	2499

Some of our database users

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1. **Latvian Nature Foundation**

   Ezeri.lv was used as information source in "Lielie kangari" protected area nature protection plan.

2. **Latvian Institute of Hydroecology**

   Ezeri.lv was used as information source in Stradu rural municipality territory plan overview.

3. **University of Daugavpils nature research and environment education center**

   Ezeri.lv was used as information source in Čertoka lake nature protection plan.

4. **Riga district council**

   Ezeri.lv was used as information source in Riga district territory plan.

5. **Daugavpils district council**

   Ezeri.lv was used as information source in Daugavpils district territory plan for year 2006 - 2018.

6. **Travel agency Averoja**

   Ezeri.lv was used as information source in research about tourism possibilities in Riga region.

7. **Višķu rural municipality council**

   Ezeri.lv was used as information source in Višķu rural municipality territory plan for year 2003.-2015.
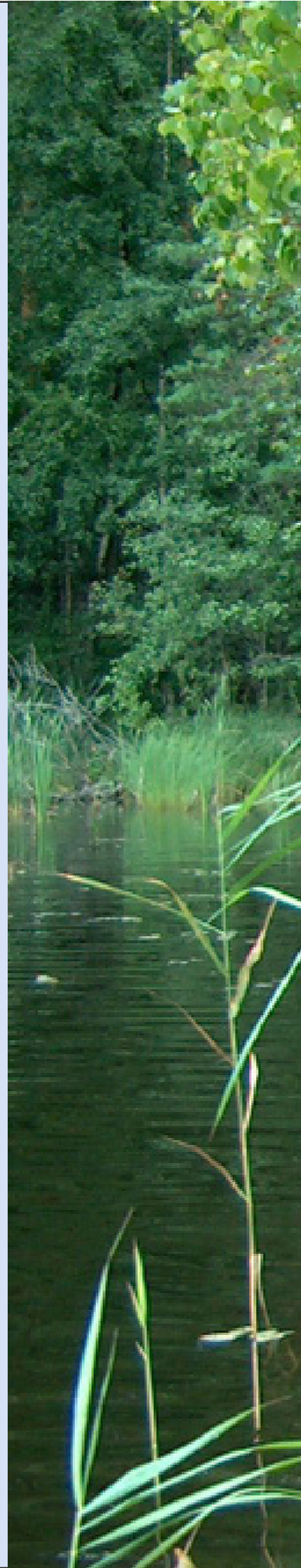
8. **Tumes rural municipality council**

   Ezeri.lv was used as information source for Environment overview in Tumes rural municipality territory plan.

9. **Riebiņu area council**

   Ezeri.lv was used as information source in Riebiņu area territory plan.

10. **Ilūkstes area council**

   Ezeri.lv was used as information source in Ilūkstes area territory plan.

Society "Latvian lakes"

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Ezeri.lv is developed by society "Latvian lakes".

Services of society "Latvian lakes":

- environment database development and maintenance
- development of nature protection plans
- development of lake management rules
- development and support of lake-friendly management approach
- decisions / advices regarding planned activities
- lakes related research

Portal administrators:

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