Peeter Väling
Estonian Maritime Administration

Main focus is on INSPIRE.

The project is officially lead by Estonian Land Board (further ELB)

(www.pnacemet.ee). They are responsible for development and maintenance of relevant data portals, also they have rights to demand INSPIRE-related spatial data from other governmental agencies.

In Estonia spatial data management is regulated by the Spatial Data Act and Public Information Act, Implementing Rules of the INSPIRE Directive and different regulations, development plans and framework documents.

There is one common coordinate system in Estonia

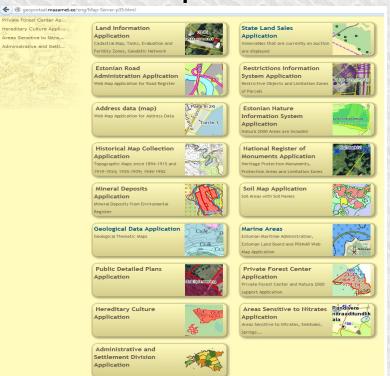
(ETRS89 datum with Lambert CC projection: EPSG 3301) and one vertical reference system as well (BNC 1977).

Both are mandatory for any kind of spatial data in Estonia.

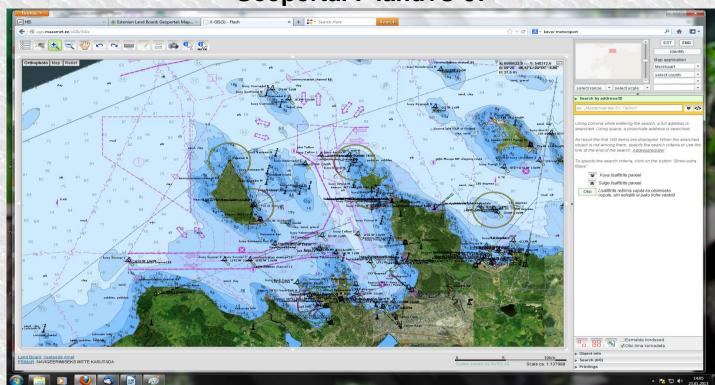
The VRS will however change after some years (could be 2014 or 2015) to common European height system based on Amsterdam 0.

ELB hosts two data portals:

- Geoportal () is intended for viewing many different web mapping applications. They are mostly about features and charts on land. One application combines land maps with S-57 sea cells from PRIMAR.
- It is possible to order some licensed digital data sets paying some fee (for example elevation data).
- There is also public WMS service available about land maps (for example
- Geoportal is not related to INSPIRE or SDI, but nevertheless makes possible very comprehensive data viewing services.



SDI status in Estonia Geoportal: land+S-57



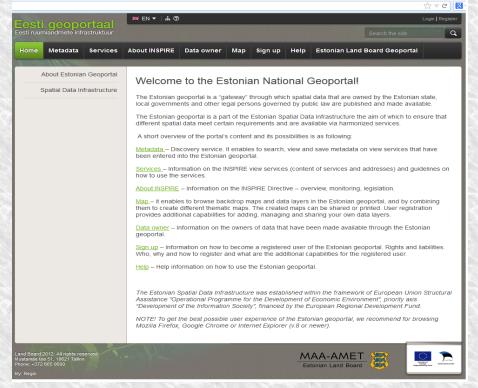
ELB hosts two data portals:

Geoportal (INSPIRE) is as the name states the Estonian INSPIRE portal (http://inspire.maaatuct.ee/).

According to official opinion of ELB the geoportal is a part of the Estonian SDI, which in turn is a part of the INSPIRE.

According to INSPIRE the geoportal has search and discovery services for both data and the relevant metadata and also WMS services for many data types.

SDI status in Estonia Geoportal (INSPIRE)



Currently most of the data available through the geoportals are maintained by ELB itself.

Some data are from Environmental registry.

Estonian Maritime Administration (further EMA) is contributing with S-57 cells via PRIMAR.

Some additional data from S-57 cells related to INSPIRE technological networks are under preparation for adding to INSPIRE portal.

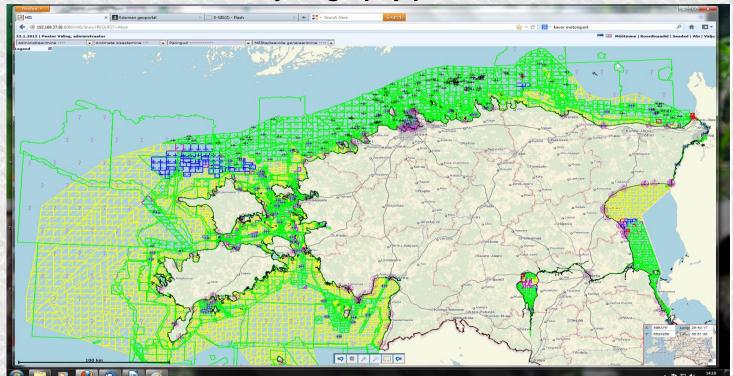
Data about navaids and harbours are at the same status as well.

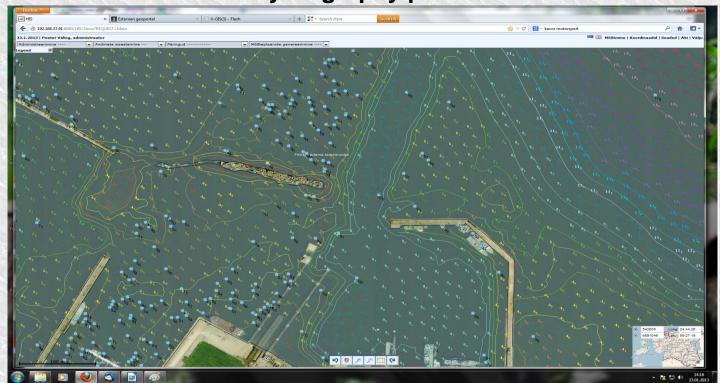
EMA has also operational Hydrographic data portal which makes available data about survey areas, depths, contours and underwater objects (rocks,wrecks obstructions).

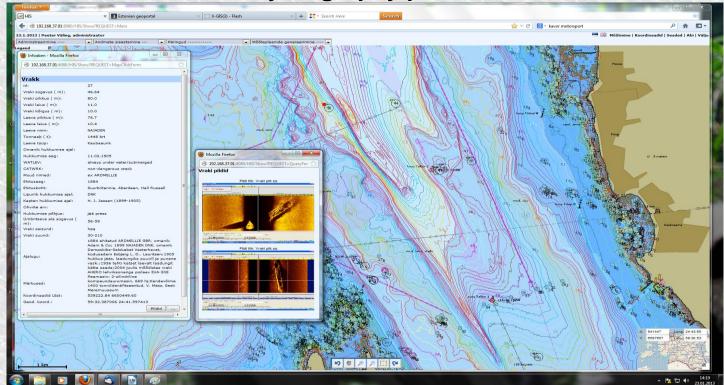
They can be viewed and queried in lots of different ways, also downloadable as files in different types and as WMS service.

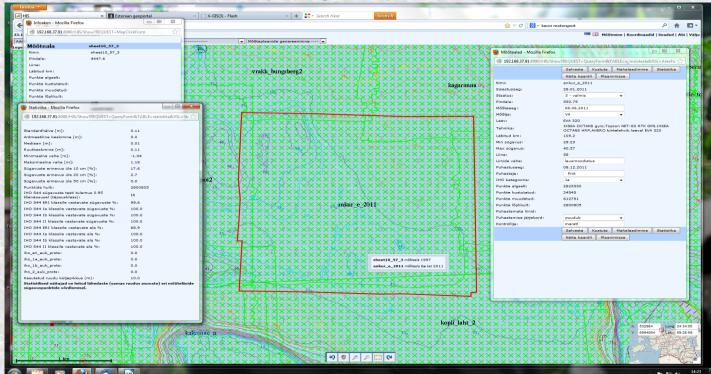
However as Estonian Ministry of Defence wants to restrict access to those data, they are not currently publicly available.

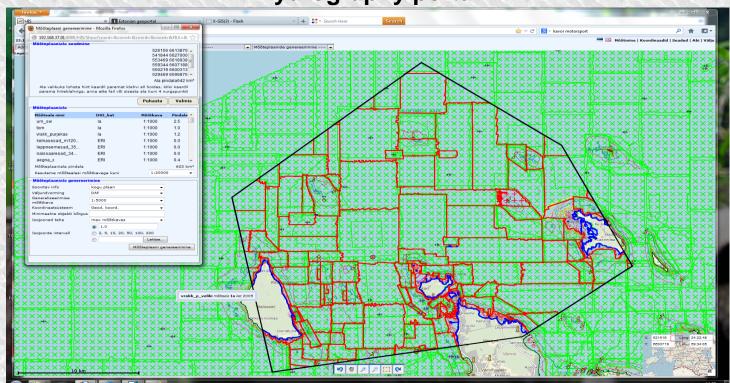
Could be in future.











Many other institutions (like Marine Institute or Estonian Meteorological And Hydrological Institute) are not contributing yet, but this could change in future.

They are interested in SDI but not sure which data to make available and how to do that.

At least there is now one common geoportal which is supposed to act as NSDI and MSDI portal in Estonia.

Sooner or later most institutions having spatial data will make them available through this.

