

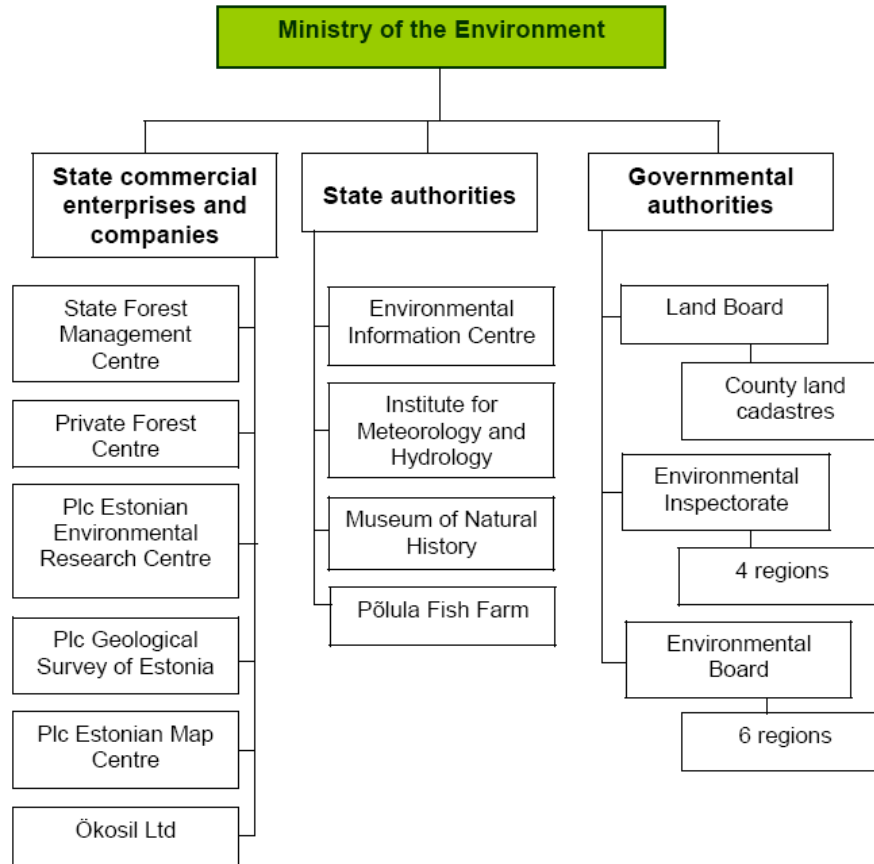
MINISTRY OF THE ENVIRONMENT



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JURISDICTIONAL STRUCTURE OF THE MINISTRY OF THE ENVIRONMENT



- There are 220 employers in the Ministry of the Environment (500 employers in year 2001)
- Total 1600 employers (Ministry of the Environment, State authorities and Government authorities)



OpenOffice.org in the Ministry of the Environment

- Project started at 2001
- We used step by step migration
- Total migration took about 3 years
- In year 2010 all suborganisations were using OpenOffice.org software, for most employees it was the only office software



Cost analyses

Office software cost 2001 to 2010

- | Cost type | OpenOffice.org usage | Microsoft Office purchase | MS Office rent |
|-------------------------------------|----------------------|---------------------------|--------------------|
| License cost from 2001 to 2010 | 0.- | 1 360 000 € | 2 720 000 € |
| Training | 6 400 €/year | 6 400 €/year | 6 400 €/year |
| Total cost from 2001 to 2010 | 64 000 € | 1 424 000 € | 2 784 000 € |



Results

- Major cost savings
- Training expenses did not increase
- User support expenses did not increase
- There were less problems with documents formats in-house
- There still occurred some file exchange problems with other state organisations



Requirements for file formats

- **Technical neutrality and adaptability**
- **Archiving:** we have to preserve a large part of the documents up to 15 years. The need to preserve documents can definitely be longer (the document has to be saved in a format which is open, standardised and accessible to everybody to guarantee that all software producers are able to support the document equally).
- **Independence:** document must be readable independent from the used hardware, software or its version. This can only be achieved, if we use standardized open format.
- **Openness:** to guarantee this, both the file format and the respective software have to be open. In case of „closed“ format we have no idea what kind of info and in what form is preserved in the file, our main opportunity to obtain information about the content of the file is through commercial software which again is with „closed“ code and again we have no idea what and how much is accessible of the file content.
- **Privacy and protection of personal data**
- **Security**



When communicating with public, you should use the format, which is:

- Widely supported by market
- Not forcing the use of a single product or products from a single vendor

(In Estonia we have to communicate with public sector only with ODF and PDF formats, in web content only with XML, HTML, PNG and SVG)



Open Source for Public Administration

**Open Source:
Savings and quality**

**Open Data:
Productivity**

**Open Standards:
Independence**



Conclusions

By spending at least some amount on Open Source system development, public sector IT:

- Supports local business (money stays in your own country)
- Can build up independent, no vendor locked systems
- Will have better quality and co-operative systems
- Has control over IT systems



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Thank You!

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