

# GIS software at LMI

Keeping it simple with ESRI

# Simple for LMI – Why?

- Resources
- Apart from editors, just 1-2 persons doing
  - Administration
  - Web publishing
  - Database design
  - Programming

# Simple for LMI - How

- Use as little as we can of “home made”
- Use proven technology, no pioneering
- Adapt to our main vendor, not the other way round
- Currently only a handful of GIS servers

# ESRI at LMI

- ESRI GIS software is dominant in Iceland
- Stable relationship with one vendor
- Knowledgeable ESRI support partner
- ELA agreement with ESRI
  - Unlimited desktop licenses
  - Unlimited standard server licenses

# Downsides

- Large vendors, large software suites
- „Featuritis”/complexity gets in the way
- ESRI controls/limits our service possibilities (good or bad?)
- Cost (good or bad?)

# Cost of ESRI software

- Annual cost  $\approx$  1 employee
- ESRI spreading even further in Iceland
- EIONET ELA agreement
  - All data providers to EIONET get startup cost of 1 ArcGIS server and 1 ArcGIS desktop
- Simpler for Iceland

# Technical details

- SDE on Oracle and RedHat Linux
- Moving to SDE on PostgreSQL on RedHat
- ArcGIS server on Windows/.NET
- Other web servers on Apache/Linux
- Web clients in FLEX and Javascript