

Cultural heritage mapping in Latvia – results and future developments

Project

“Unknown cultural heritage values in common natural and cultural space”

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Methods

- ▶ Partner experience
- ▶ Concept – heritage and historical objects in the landscape
- ▶ Specialist involvement - National Heritage Board, Latvia University, NGOs
- ▶ Discussions

What is it– cultural heritage?

Traditionally -

- ▶ Castles
- ▶ Mannors
- ▶ Burrial fields
- ▶ Medieval castle-ruins
- ▶ Mannor parks
- ▶ Churches
- ▶ Altar piece



Are historical events, phenomenon, actions are part of culture?

How old history is history?

Why and what kind of imprints does history leave in the landscape?

Methods

- ▶ Landscape as heritage
- ▶ Changes in landscape, their drivers, processes
- ▶ Concept of 'Landscape reading'
- ▶ Rural territory
- ▶ Digital mapping
- ▶ Non- scientific
- ▶ Local people



Different historical layers in landscape (palimpsest)

Objects classification

Groups of objects - consequent to human activities

- ▶ Home
- ▶ Roads and borders
- ▶ Trees
- ▶ Forests
- ▶ Manufacturing and industrial buildings,
- ▶ Water
- ▶ Places of military activities
- ▶ Burial places and monuments
- ▶ Sacral places
- ▶ Mythical and legend places
- ▶ Places of cultural activity

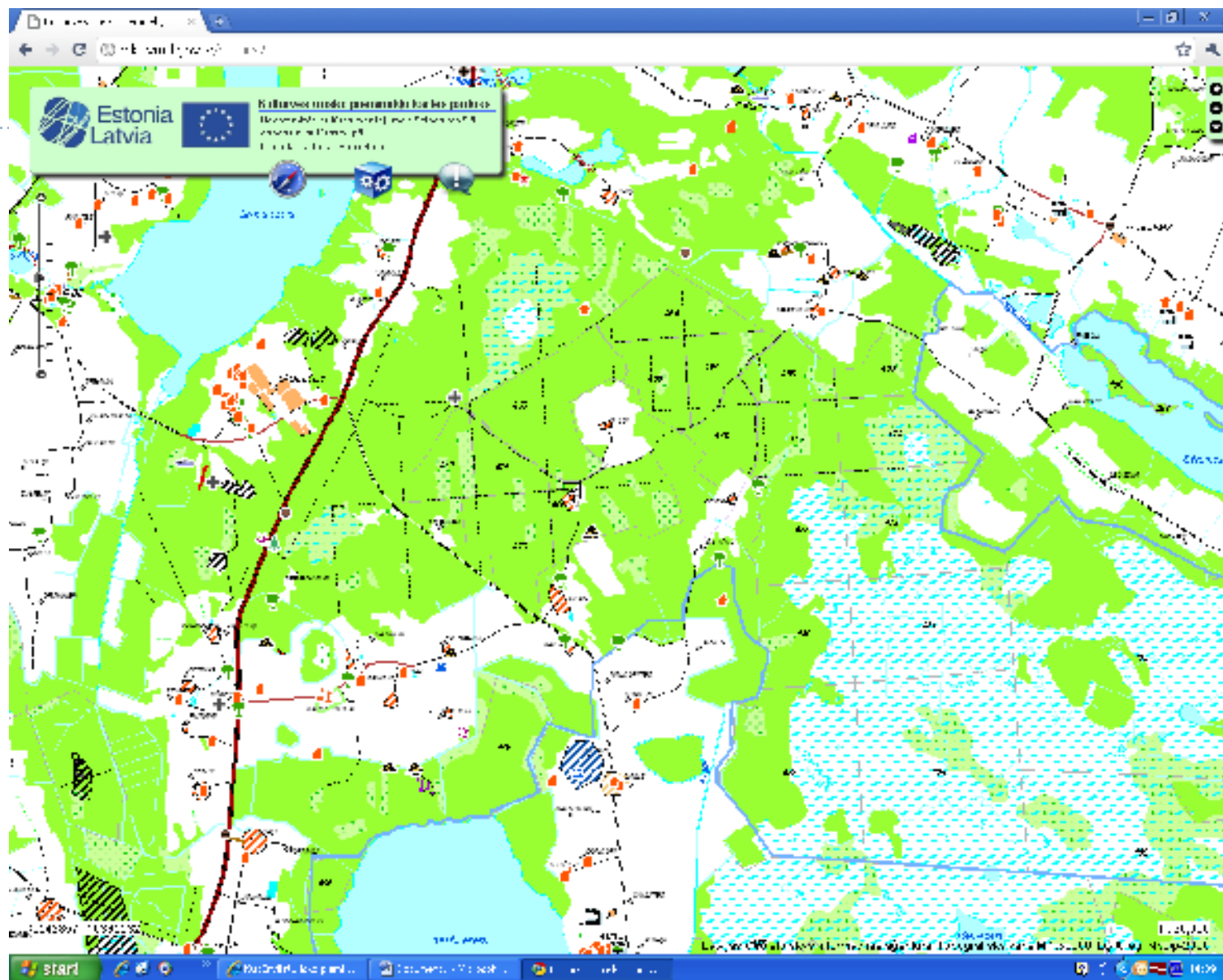
Classifier

Code	Historical component of landscape	Element's code	Elements
C1	Roads and borders	C.1.1	Old roads and their fragments
		C.1.2.	Distance marks (stones)
		C.1.3.	Old milestones
		C.1.4.	Tree lines, avenues along roads and old path places
		C.1.5.	Taverns along roads
		C.1.6.	Bridges (stone, wooden, metal, ferroconcrete, railway) un small old bridges (stone), remnants, pile foundation
		C.1.7.	Old narrow-gauge railway (remnants)
		C.1.8.	Crossing places over rivers, ferries (places)

Inventory

- ▶ More than 70 inventors
- ▶ 4 districts
- ▶ 80 GPS
- ▶ ArcPad
- ▶ Data input form
- ▶ Maps in GPS
- ▶ Photo
- ▶ Digital data correcting
- ▶ Data changes on server
- ▶ IT support





Results

- ▶ Objects

Planned- 7 000

Measured and described (before evaluating):

Limbaži ~ 4000

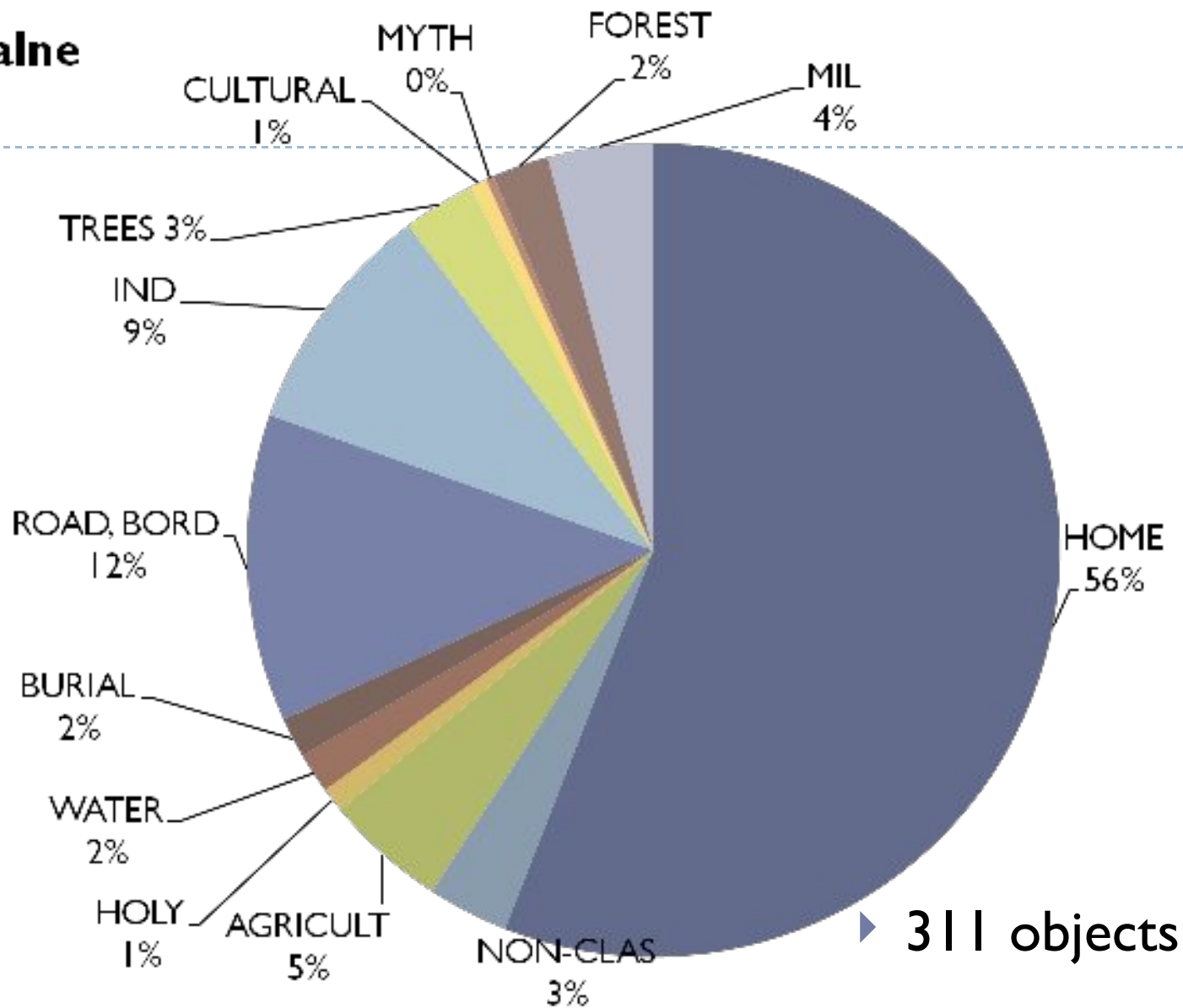
Valmiera ~ 4900

Valka ~ 4000

Alūksne ~ 4100

Together ~ 17 000

Märkalne



▶ 311 objects

Indirect results

- ▶ Increased community awareness of cultural heritage
- ▶ A few new observers in every municipality
- ▶ Dust cleaned from archive material
- ▶ Inventory – family activity
- ▶ New technologies come into rural territories
- ▶ New knowledge and experience for residents
- ▶ Ideas for new projects
- ▶ Proposals for protection on state level

Application and future

- ▶ Ideas for scientific research – bachelor and master studies (Smiltene municipality, burial places, secular trees)
- ▶ Spatial planning – (*.shp files for ~ 10 municipalities for territory planning)
- ▶ SC LVM – use in forest management planning
- ▶ To continue the inventory in 22 districts ?.....

More information

www.vmd.gov.lv

“Projekts “Kultūras
mantojums””



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Thank you!

