National Forest Inventory in Hungary

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Forestry Directorate

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Forestry Directorate

Responsible for

- Forest management planning
- Forest authority issues
- Forest related EU subsidies
- Forest monitoring

(incompleted task list)

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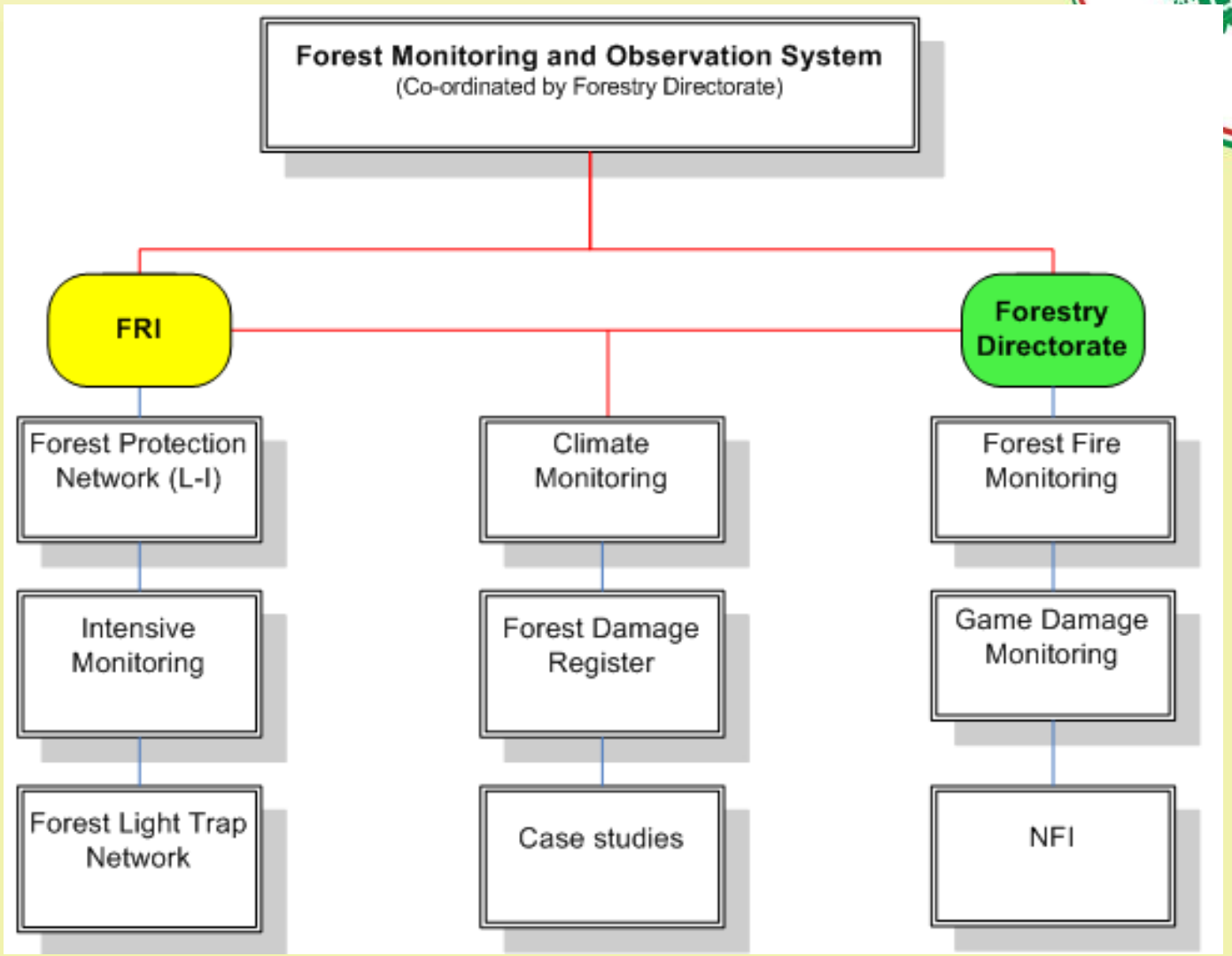

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Forest Management Plan and NFI

FMP

- Stand-wise inventory
- Stand description with averaging functions
- Repetead 10 years
- Covered 1/10 of the country yearly
- Using national forest related definitions
- General parameters are assessed

NFI

- Systematic inventory
- Individual measured data
- Cycle: 5 years
- Covered the whole country yearly (but less reliability)
- Using FAO/COST E43 forest related definitions
- Special parameters (deadwood, stump, small trees, etc. measured)

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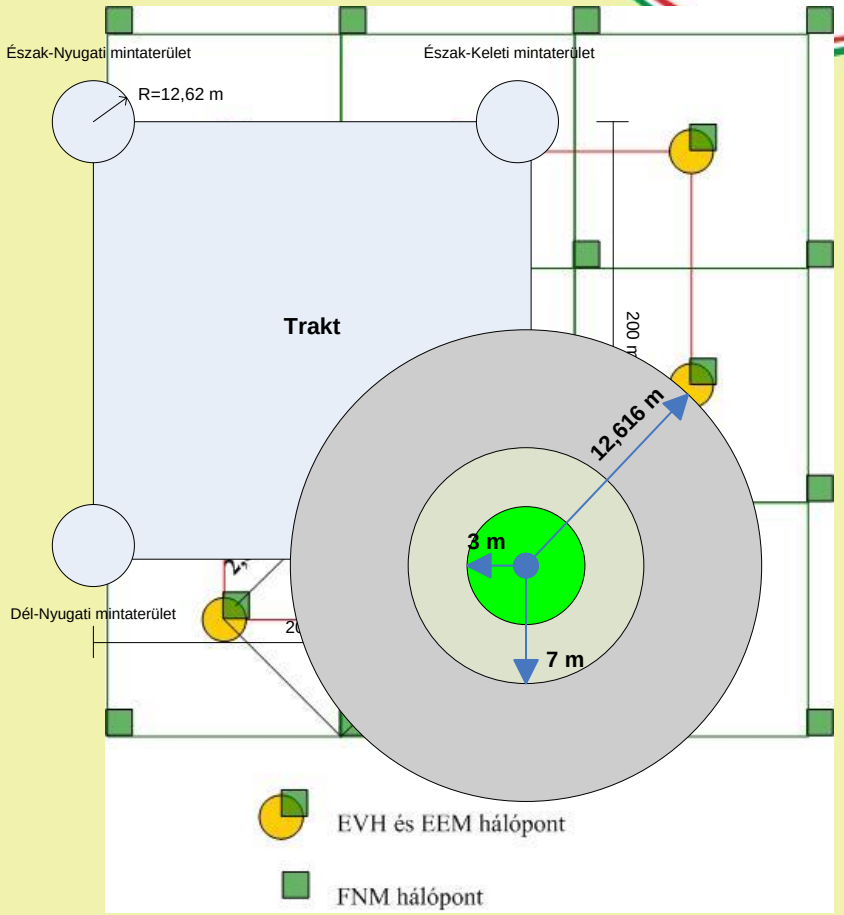
NFI



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NFI Preparational phase

- Classification
- Establishing field-teams
- Elaborating working plan
- Preparation of project and needed files
- Training

Field training

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NFI Field work

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Increment boring

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During and after the field work

- Continuous communication and feedback
- Control
- Disseminate the information of the best practices

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Data processing and evaluation

- Projects are integrated into one
- Cheking completeness
- Individual control by taxators
- General control
- Data processing using Inventory Analyst
- Verification the results
- Reporting

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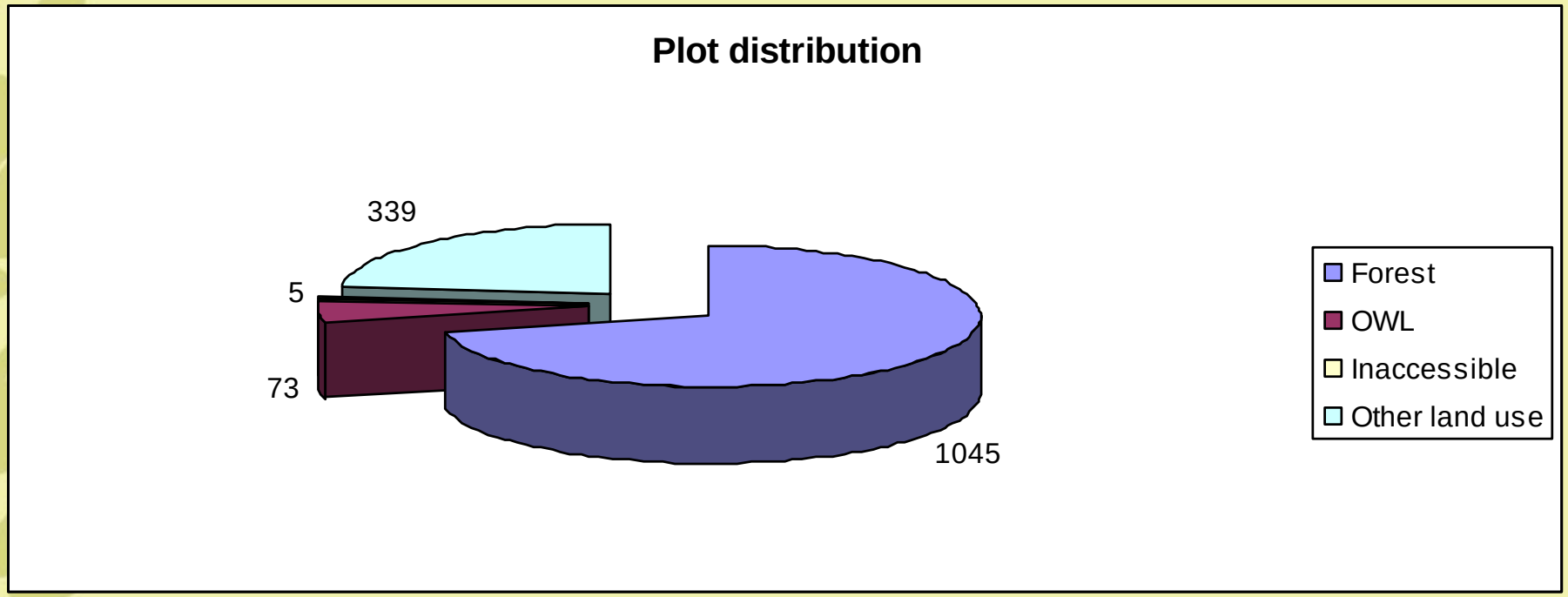
Results



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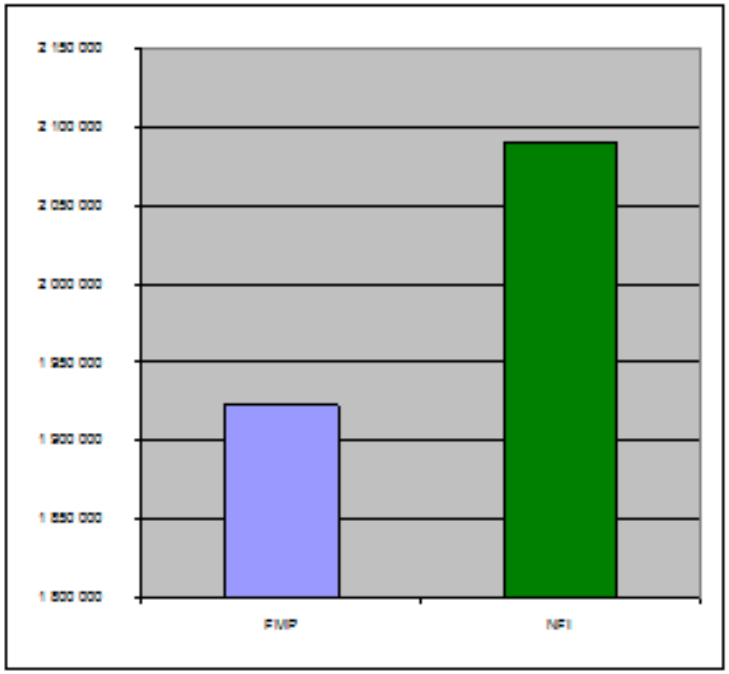
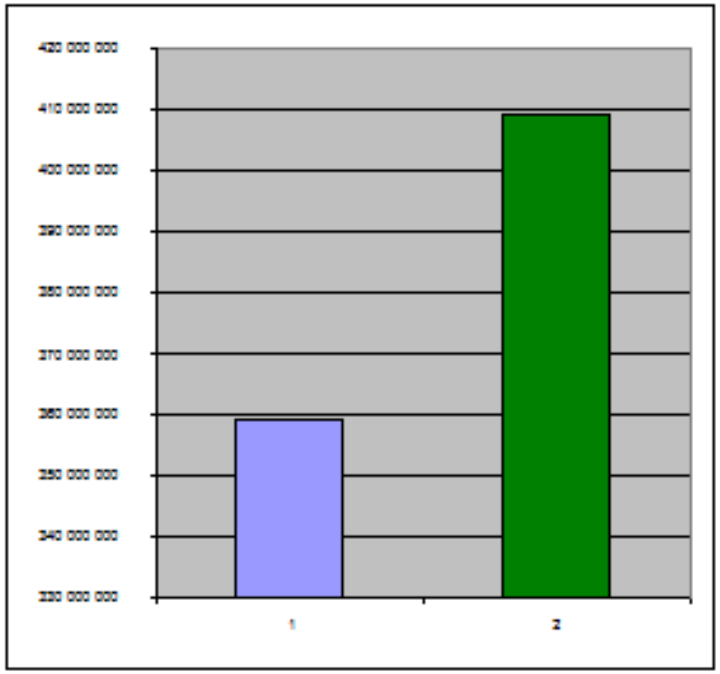
Results- Area – Total volume

FMP	NFI	FMP	NFI
Area (ha)		Volume m3	
1 922 100	2 090 000	359 064 984	409 340 787





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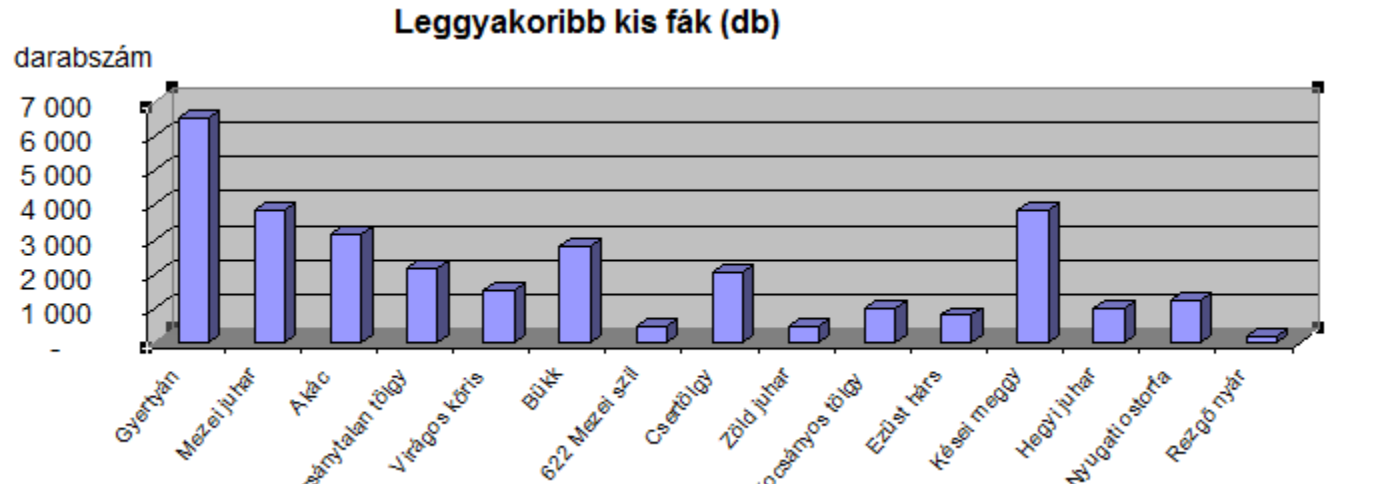
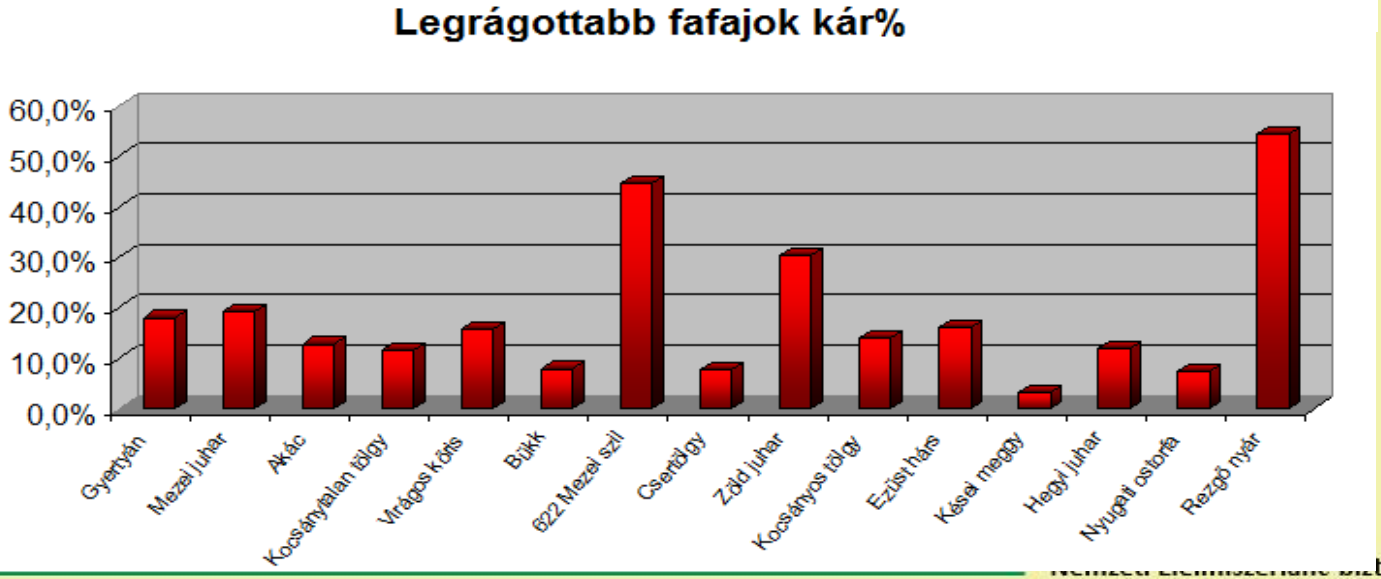
Results – Small trees





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Results Deadtree - Deadwood

Distribution of deadtree/deadwood (m3)				
Type	**Broadleaves**	**Conifers**	**Undefined**	**Sum**
Deadtree	7 834 413	1 680 005		9 514 418
Deadwood	5 012 066	1 269 783	11 978	6 293 827
Stump	1 907 685	143 675	9 720	2 061 080
Sum	**14 754 164**	**3 093 463**	**21 698**	**17 869 325**

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Example for using data or method at national level

- Reporting (at different level)
- Climate research
- TÁMOP project
- Selection system
- Volume tariff

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Example for the international data supplying

- ENFIN
- COST E43
- FutMon
- EU JRC /E-Forest
- Usewood

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Thank you for your attention!

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