

Changing forest owners: A challenge to forestry extension in Finland

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Recent advances in land owner extension with a special theme: Peer-to-peer learning among land owners



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Outline of the presentation

- ✓ structural change in family ownership
- ✓ forest owners' attendance at forestry extension
- ✓ profile of internet users
- ✓ conclusions

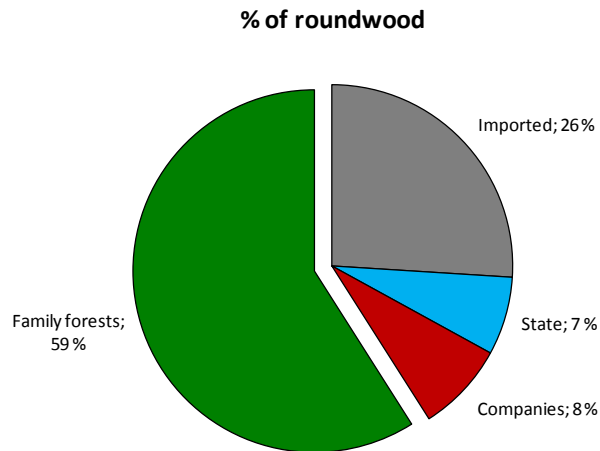


Photo: Metla's archives and Erkki Oksanen

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Origin of roundwood used by forest industries (2005-2009)

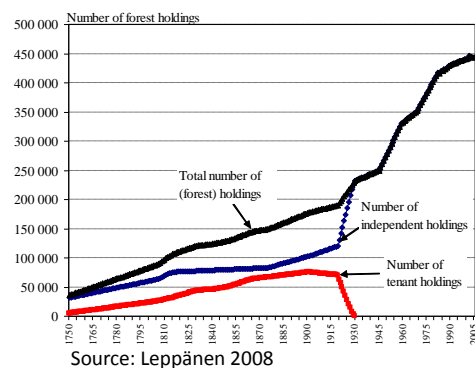
(commercial roundwood removals + imports)



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Structural change of forest ownership in Finland

- ✓ from farmers to non-farmers (via inheritance mechanism)
- ✓ polarization in the size distribution
- ✓ aging
- ✓ increase in absentee ownership
- ✓ increase in level of education
- ✓ changes in landowner objectives



Mean size of the holdings (> 5 ha)

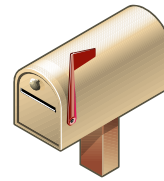
- 1999 37 ha
- 2009 35 ha

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Data collection

(Hänninen et al 2011)

- ✓ NIPF holdings: family-owned and jointly owned (undistributed estate owned by heirs or private partnership)
- ✓ forest area > 5 ha
- ✓ ownership by spouses together
- ✓ inside a municipality
- ✓ 1 000 forest holdings/Forestry Center = 13 000 holdings
- ✓ stratified random sampling
 1. holdings ordered by forest area by Forestry Centers
 2. every 24th holding is chosen
- ✓ sampling in estate register of National Board of Taxes
- ✓ nation-wide mail inquiry, response rate 49 %, n= 6 318

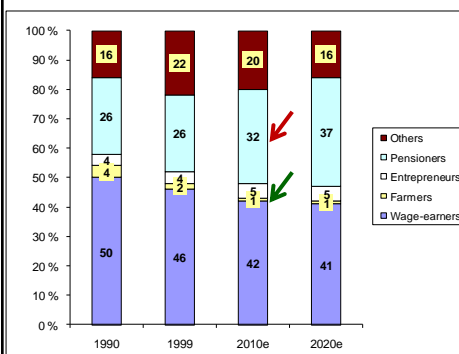


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Occupational status

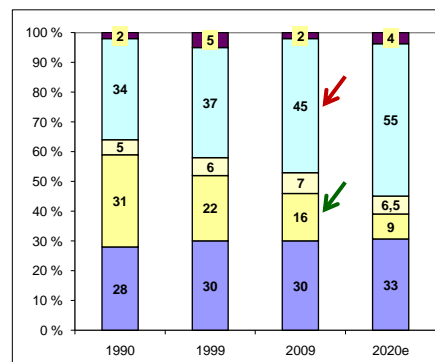
(Karpinen and Ahlberg 2008, Hänninen et al 2011)

% of population over 14 years



e= forecast

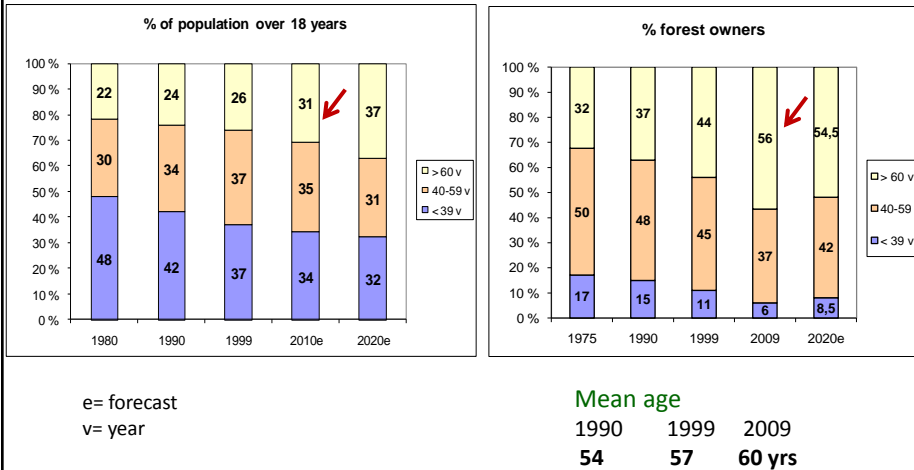
% of forest owners



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Age development

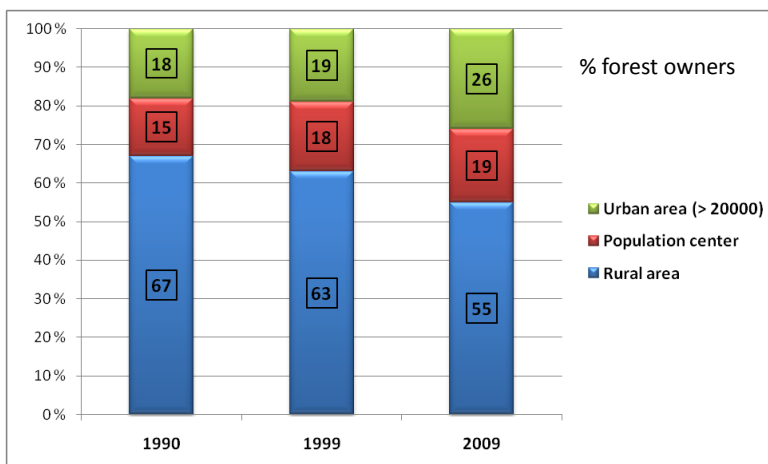
(Karppinen and Ahlberg 2008, Hänninen et al 2011)



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Place of residence

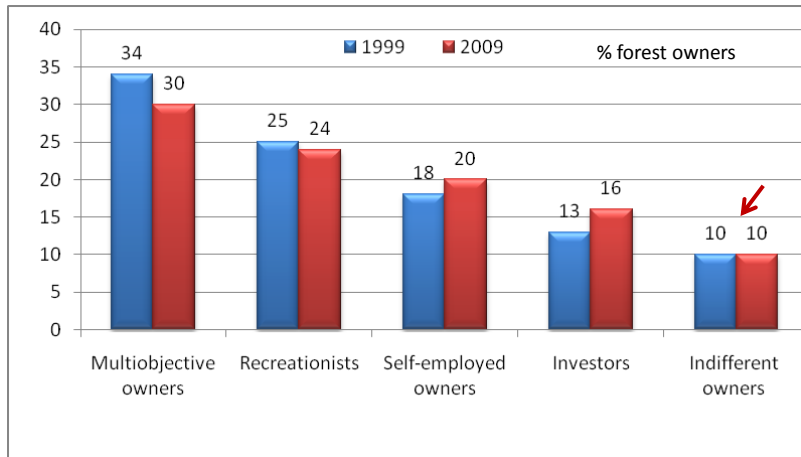
(Karppinen et al. 2002, Hänninen et al 2011)



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Objectives of forest ownership

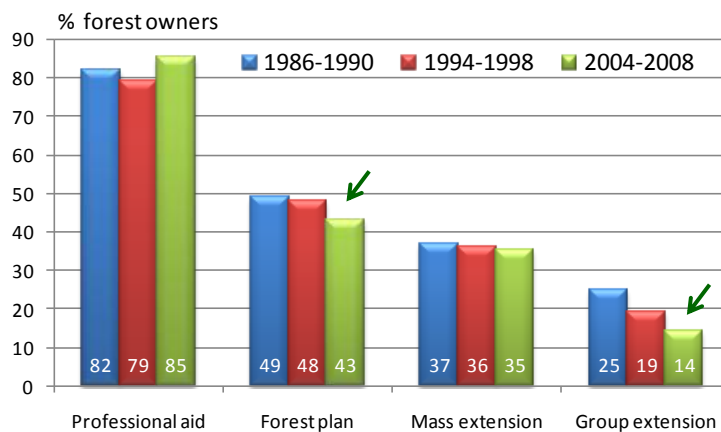
(Hänninen et al 2011)



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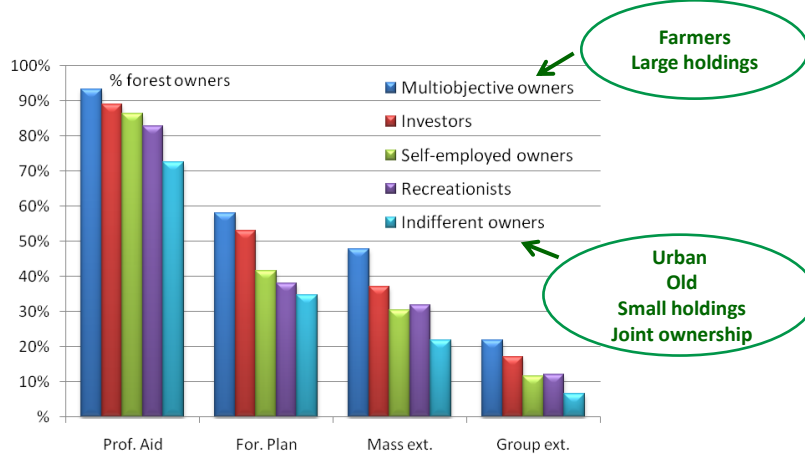
Forest owners' participation in extension within 5 years

(Hänninen et al 2011)



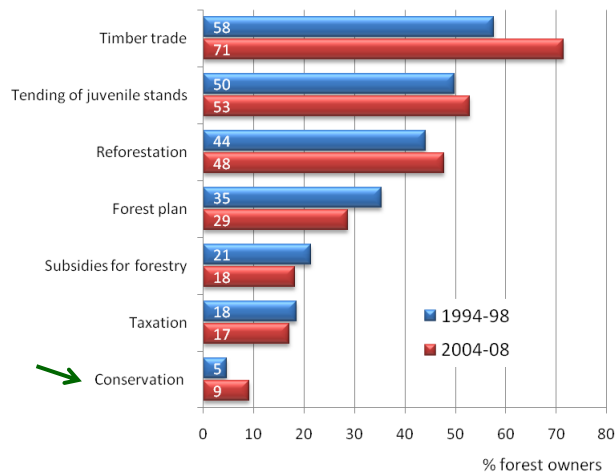
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Participation in extension 2004-08 by objective groups (Hänninen et al 2011)



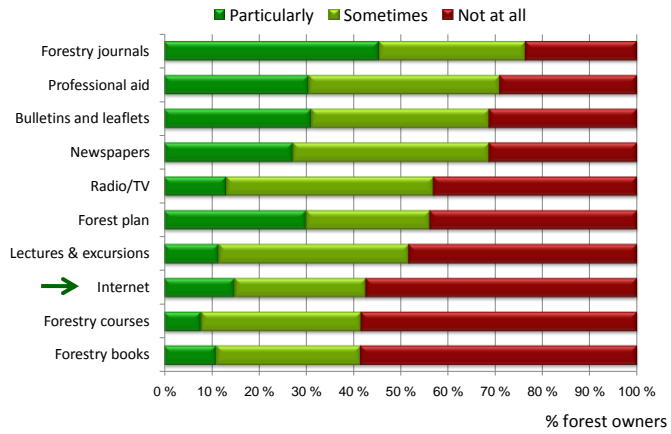
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Professional aid: issues (Hänninen et al 2011)



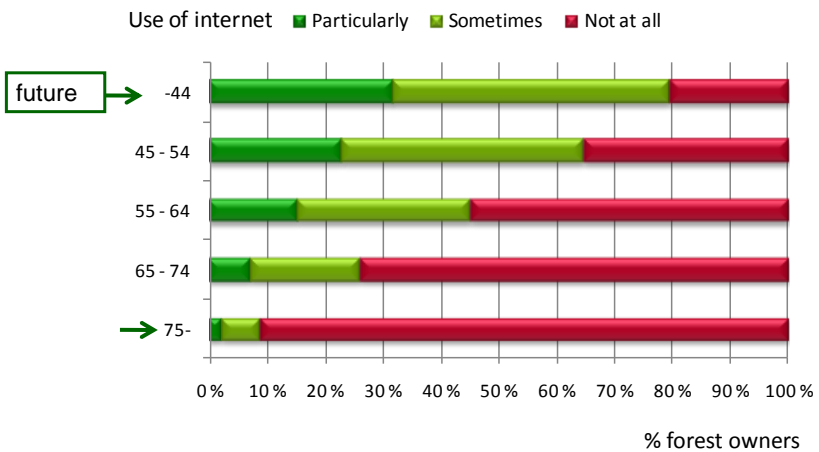
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Forest owners would like to have information via... (Hänninen et al 2011)



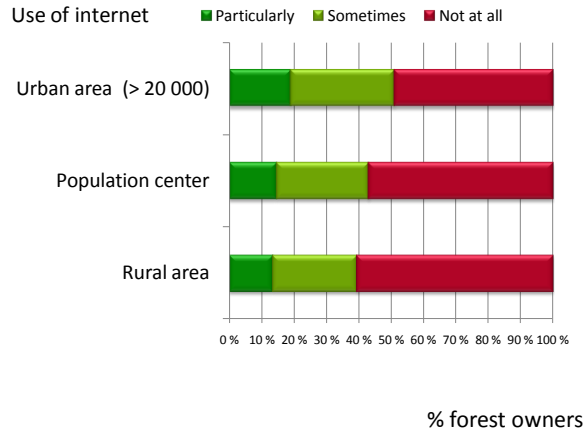
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Internet as an information source by forest owners' age



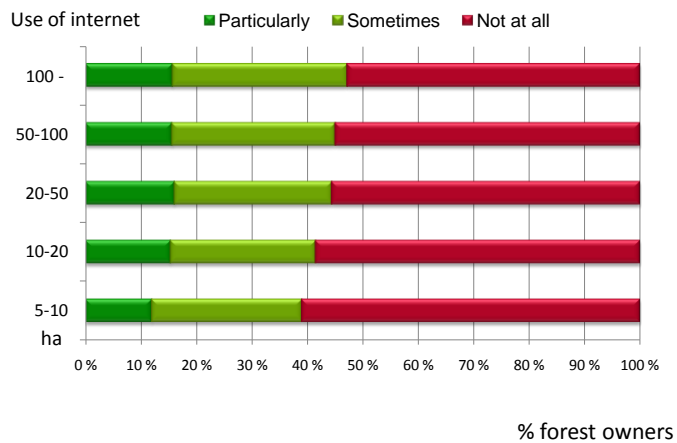
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Internet as an information source by forest owners' residence



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Internet as an information source by forest area



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Conclusions 1

- ✓ almost all forest owners contact forestry professionals in five years
- ✓ holding-level forest planning is decreasing
- ✓ multiobjective most active in extension:
 - farmers, large holdings
- ✓ indifferent most passive in extension:
 - urban owners of small holdings, old, joint ownership



Photo: Erkki Oksanen

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Conclusions 2

- ✓ internet not yet very popular information channel, except young owners
- ✓ internet users as potential group in P2P -learning:
 - younger, more urban, large holdings



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Kiitos - Thanks!



Photo: Erkki Oksanen

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