

Northern ToSIA NNP-project Dissemination Conference 19.8.2011

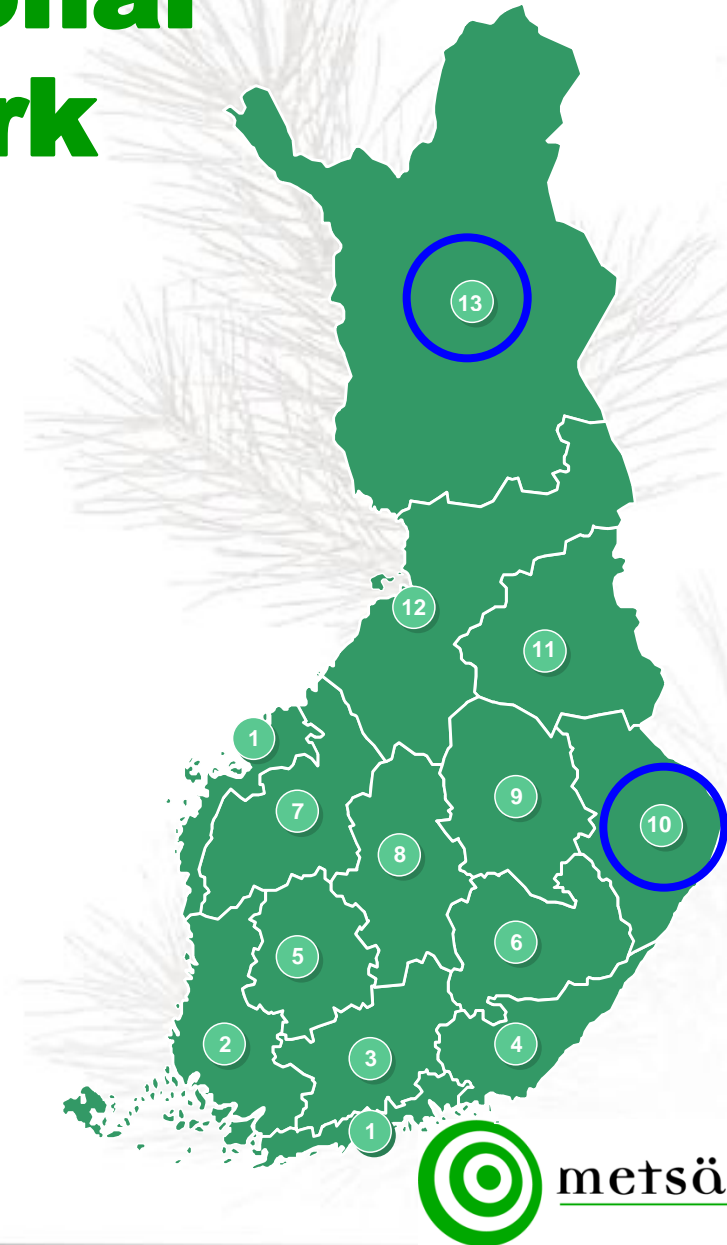
**ToSIA tool:
some perspectives from local stakeholder**

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The Finnish Regional Forestry Network

13 regional Forestry Centres

- 1 Rannikko
- 2 Lounais-Suomi
- 3 Häme-Uusimaa
- 4 Kaakkois-Suomi
- 5 Pirkanmaa
- 6 Etelä-Savo
- 7 Etelä-Pohjanmaa
- 8 Keski-Suomi
- 9 Pohjois-Savo
- 10 Pohjois-Karjala (**North Karelia**)
- 11 Kainuu
- 12 Pohjois-Pohjanmaa
- 13 Lappi (**Lapland**)



ToSIA-tool

- Helps us to assess economical, social and environmental impacts
 - ⇒ Concretizes different impacts
 - ⇒ Helps us to compare different options
 - ⇒ Multi-criteria analysis: helps decision making situation

Some possibilities how to use ToSIA-tool in Finnish Lapland

- Mustikkamaa power plant (Rovaniemi), output 200 Mw, costs 200 million euros, final decision autumn 2011
=> impacts of different fuel mix (wood and peat)
 - For example: proportion of wood 0 %, 25 %, 50 % or 75 %

Some possibilities how to use ToSIA-tool in Finnish Lapland

- Biodiesel production in Kemi, no decisions yet
⇒ Compare pulpwood use in traditional way in pulp production or in biodiesel production:
 - gross value added
 - Production costs
 - Carbon
 - employment

Some possibilities how to use ToSIA-tool in Finnish Lapland

- Regional forest program of Lapland, now in process
 - Comparison of different scenarios:
 - Input: forest cut volume, level of silvicultural actions, forest conservation level, water protection effectiveness, wood fuel use, forest road improvement volume, level of multiple use forests, amount of small-scale ventures

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Thank you!

Hotel Bear's Lodge

