

Diverse opportunities in the forest sector

Innovation-Production-Forestry and Agriculture Miniseminar

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Land use innovation



Benefits from nature



Energy



Carbon sink



Pulp and paper



Food



Biodiversity

Fuel



Water protection









Biodiversity indicators





Native trees



Dead wood



Valuable habitats



Forest structure



Water ecosystems



Native forests

Valuable habitats The Riofore Company IIDM ook Small lake Grove E-nkelilainai Komuli Spring



Modern forestry





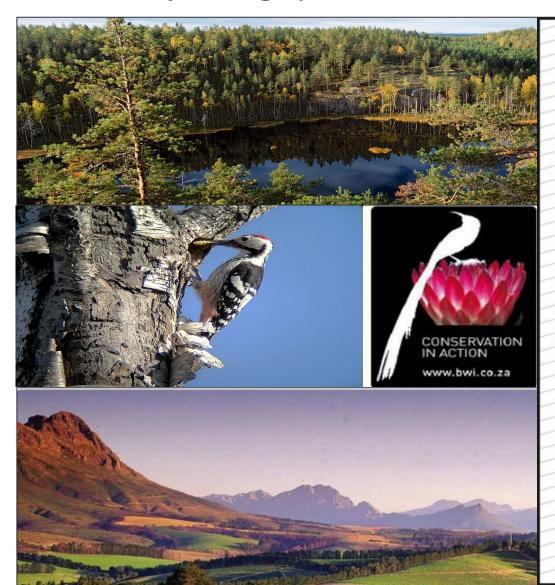
Biodiversity through product value chain

Great wine, but what about biodiversity?





Biodiversity through product value chain











UPM and the Finnish Environment Institute:

CASE STUDY

Ecosystem Services integrated into wood-based products

Ecosystem services in product value chain





4000 kg CO2 sink



11 conifer trees for 80 years



1000 kg Conifer pulp



The most of the native species polulations 800 species dependent on conifer tree



220 kg food



8,000 000 I water used by trees



