

FOREST-POLICY AND NATURE CONSERVATION STRATEGIES

Forest-policy strategy

- **Existing forest structure restricts options for the future**
- Slow change in species and age distribution
- Very slow change in the forest structure (up to 500 years)

Forest-policy strategy

- **Strong economic potential for maximised timber production**
 - 20% increase in timber production possible
 - Strong contribution to welfare and public budget
 - Fluctuating additional revenues

Forest-policy strategy

➤ Positive effects of multifunctional forestry on risk mitigation - storm and beetles

- Deciduous mixed stands positive
- Conifer mixed stands positive
- Set asides negative

Forest-policy strategy

- **Multifunctional forestry for maximised carbon savings**
 - Savings in forest stands
 - Additional savings through products made of wood
 - CO₂ saved emissions through using wood instead of other raw materials
 - High savings through set asides in a short-term only

Forest-policy strategy

➤ **Optimal selection of sites for nature protection**

- Fast ecological transformation by multifunctional forest management
- Focus on close-to-nature stands
- Within the far-from-nature stands little ecological effects

Nature conservation strategy

- **Existing forest structure determines options for the future**
- Long duration of improving ecological value of species and age distribution
- Immediate action within existing forest

Nature conservation strategy

- **Need for ecologically sound forest terms**
- Ecological succession instead of set aside
- Ecological innovation instead of ecological disturbances

Nature conservation strategy

- **Small economic impact of ecological succession areas (set asides)**
 - Less economic loss by 5% succession areas than 20% unrealised profit from timber
 - Less economic loss in biodiversity reach but poor yield stands

Nature conservation strategy

- **Ecological succession areas for maximised carbon sequestration**
 - Strongest mitigation effects by ecological succession areas during the next 100 years
 - Most effective mitigation strategy
 - Immediate effect