

Sustainable use of forest land gives bright prospects in the Northern Periphery

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Sustainable forest management

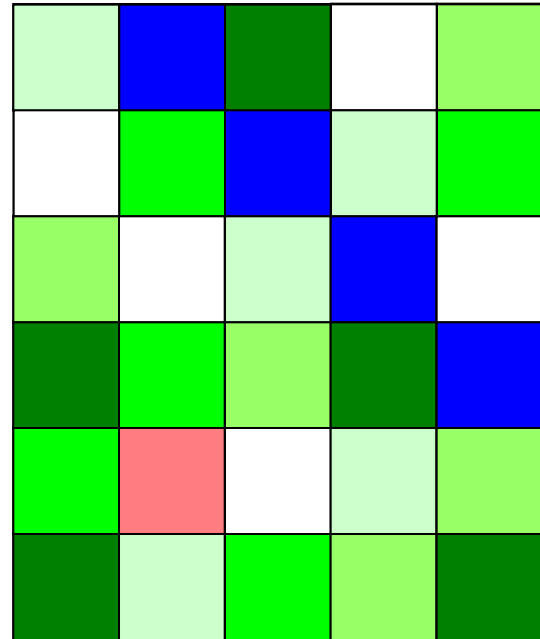
Sustainable management means the stewardship and use of forests and forest lands in such a way, and at a rate, that maintains their biodiversity, productivity, regeneration capacity, vitality and their potential to fulfil, now and in the future, relevant ecological, economic and social functions, at local, national, and global levels, and that does not cause damage to other ecosystems (MCPFE, 1993).

SFM ?

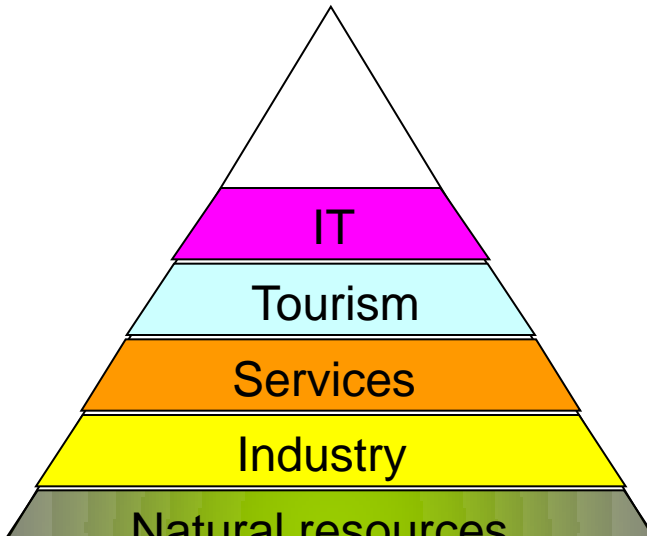
Continous cover



Clear cutting

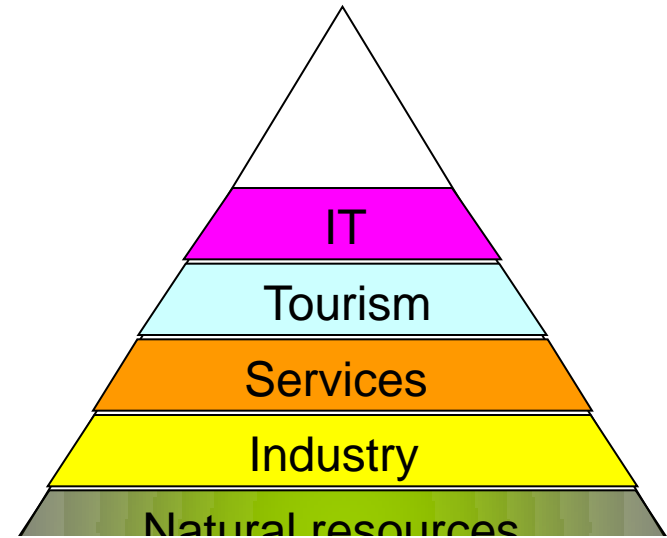


Economy

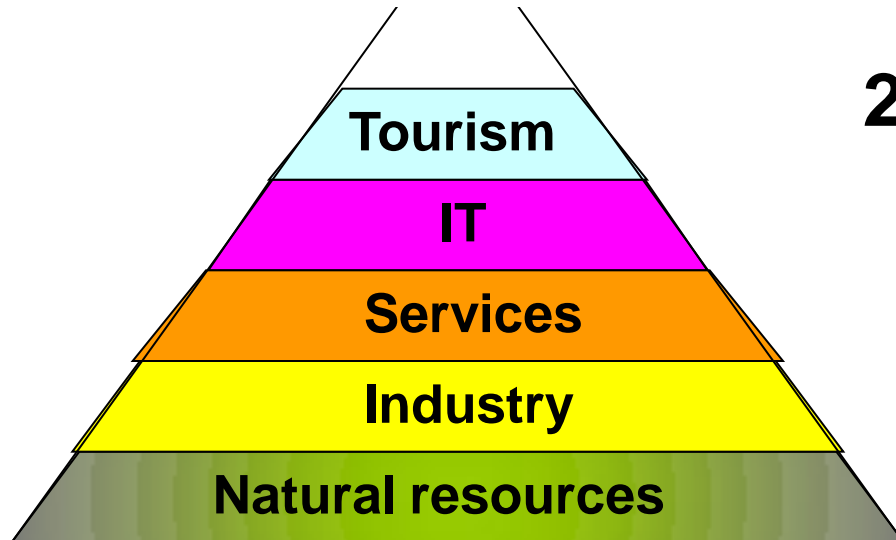


1955

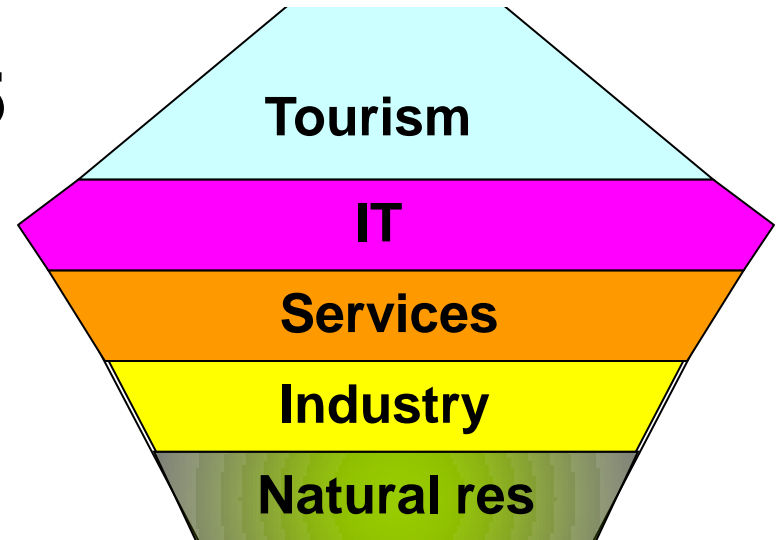
Employment



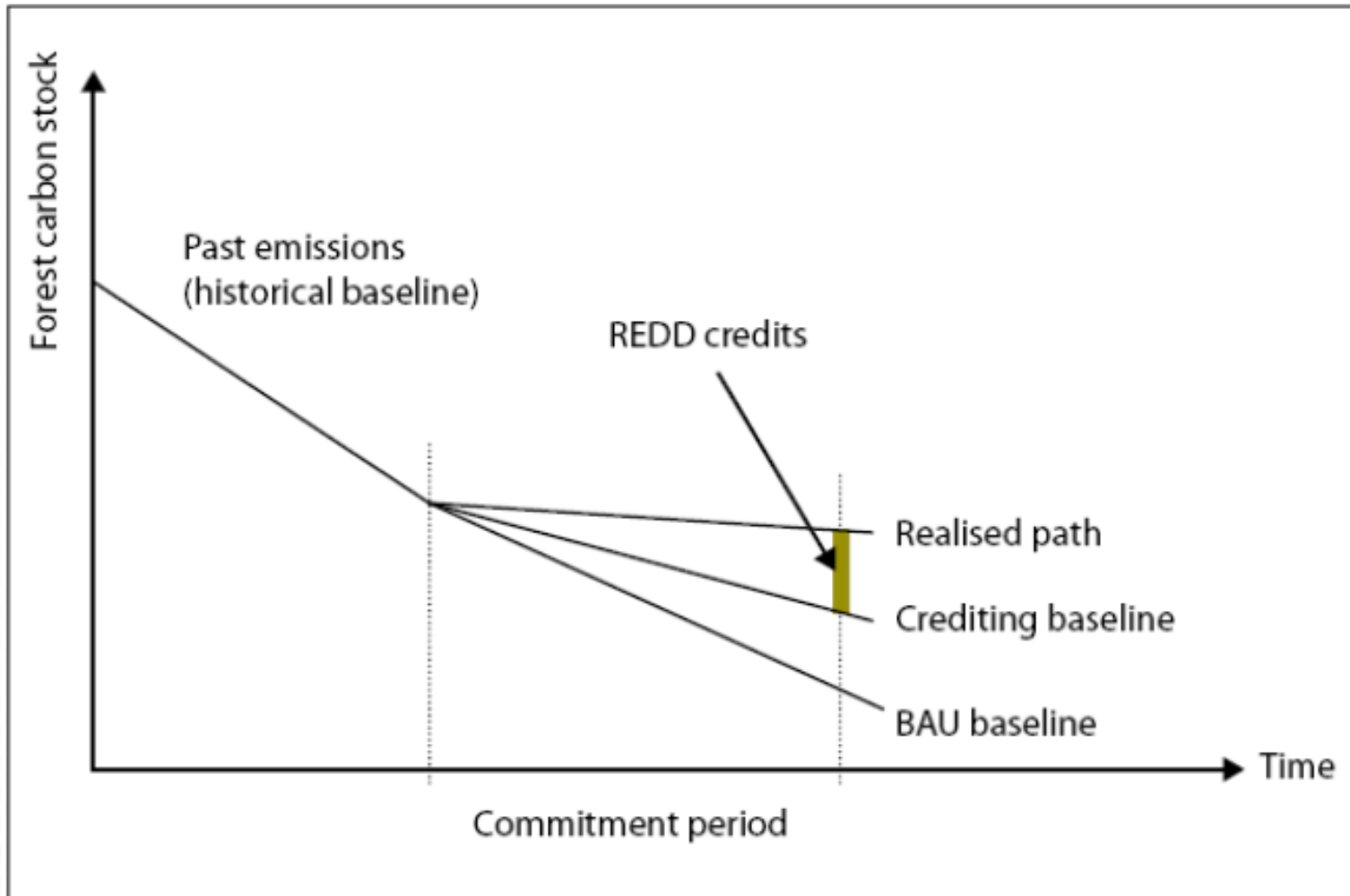
biobased economy



2005



Should all ER be compensated?





Photosynthesis

=growth

=uptake

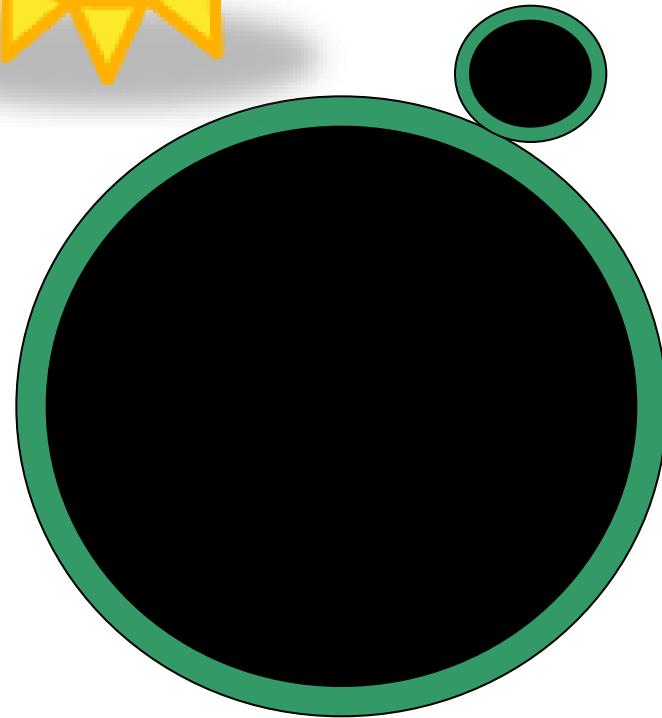
Storage

Emissions and uptake of CO₂

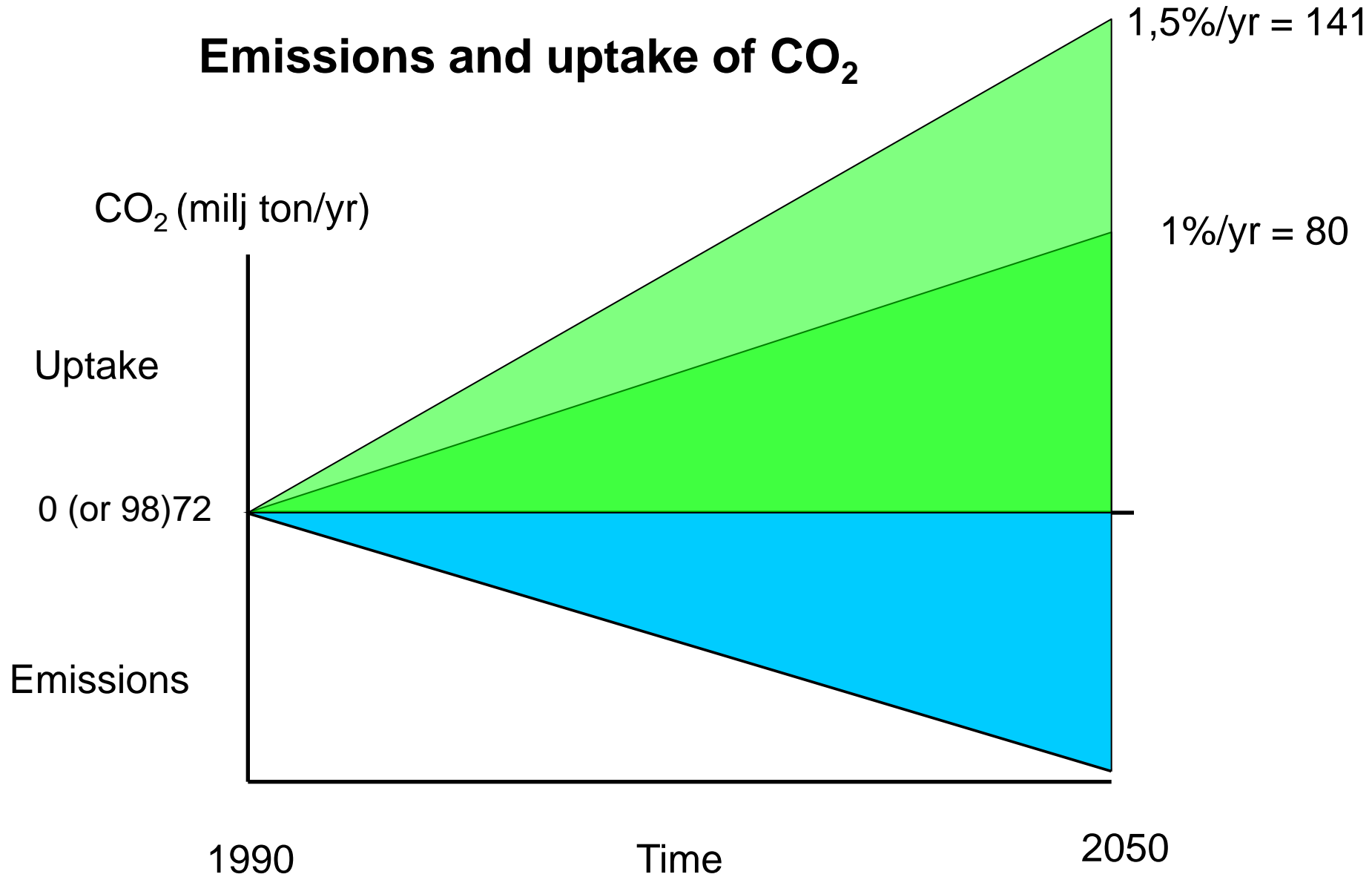
Uptake



Green resources



Emissions and uptake of CO₂



Scientific name: *Cryptolestes duplicatus*

Landscape: Forest

Red list category: Vulnerable (VU)

Criteria: B2ab(iii)

Documentation: Lives in the outermost part of bark attacked by fungi, on stumps and logs of oak. Known only from eastern Småland and Öland.

Number of populated areas estimated to 10 (5-20). Range estimated to 40 (20-80) km².

There are indications or suspicions of population decline. The decline concerns the quality of the species habitats. The estimated values that the assessment is based on are all inside the interval for the category Vulnerable (VU). The estimated values for range are under the limit for Vulnerable (VU). This in combination with a heavily fragmented range and that a population decline probably is ongoing means that the species fulfills the B-criteria (B2ab(iii)).





- Shelterwood cutting ~1970
- Seed trees 1989
- Scarified 1990
- Seed trees +700 seedlings/ha

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- Increment
- Environment
- Abiotic factors
- Biotic factors
- Global demand
- Land
-
- Knowledge-based land use
- Biobased economy
- Tools
- Holistic perspective
- Respect

Kiitos