



C&I for SFM applications in Hungary

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Traditional assessment

- Reporting: the forest authority to the Minister („Balance“)
- Since 1970 and before
- Basically the same concept
- More emphasis on the evaluation of annual management
- Different terms (not so up-to-date and inbred a bit, eg.: sustainability vs balanced yields)
- Data sources: NFD, systematic sampling (IPCC), queries



C&I History

- Introduced ~2005 (at MCPFE 2007)
- Core indicators (20-25 of 35) are widely and repeatedly used
- Generation shift
- NFD (data sources): general approach, not targeted
- Time series from ~1980



Current Applications

- Rural-development context-indicators for the EU (CMEF and specials) (~2006)
- Forest Act (2009, affected by, pp)
- National Forest Program (2009, afforestation aims)
- Report on Forests (2011, like „Waldbericht“, structured according to C&I, annual, 150 pages)
- Communication to the public (eg. leaflet)
- Institutions of implementation:
 - mainly the forest authority,
 - University and ERTI less



Lessons learned

More or less via C&I:

- OWL (survey ~2008)
- FAWS (under development)
- Carbon storage (GHG-inventories)
- Biodiversity (slow communication, via Natura 2000)
- Deadwood (survey ~2008)



Problematic

- Lack of data: landscape pattern, non-wood goods, services, workforce in private sector, cultural & spiritual values
- No thresholds (targets)
- Not structured
- Standardisation & development is my business (only)
- Indicators does not reached the stimulation-treshold of policy-makers
- Complexity is not handeld by other sectors (energy, nature conservation)
- Novelities are not really institutionalized
- Forest authority driven by legal obligations and overloaded by them
- Not sufficien capacities, resources to complete and expand
- Other sectors are not motivated, working on their own set of indicators and international agreements (conventions)



Criticism

- Missing indicators: cutting ages, log prices, current regeneration methods (natural, artificial etc.)
- Overestimated indicators: EFT (phytogeography?), naturalness

