Plicy brief - first ideas

Sys.Date()

# Official harvest intensities are not sustainable

Timber volumes do not recover a 10-20 m3/ha harvest in 35 years (Brazilian Amazon // Peru, Bolivia: even less, 20 years cycle)

# Overharvesting will lead to stock depletion in XXX decades

at current rates: timber stocks in available production forests will be gone by 20XX => need to find a solution

# Drastic reduction in harvest levels are needed

-> reduce to 10 m3/ha every 65 years to maintain stocks [plus account for regional variability?]

# Reducing harvest intensities will not be enough to meet current timber demands

=> not enough area to maintain current production rates (~ 30 Mm3 in the whole region/ better estimates?)

# Possible future trajectories

2 solutions:

* drastically increase the area available (potential consequences on other ecosystem services, in particular for biodiversity conservation)
* or increase silviculture and restoration of degraded forests -> will probably need fundings (eg through payments for environmental services)

# Intenisve forest management and climate change adaptation

betting on natural forests for future timber production = risky (climate changes, fires, etc: what will we have tomorrow?) // intensively managed forests (plantations, restored forests) can be managed to increase adaptation to foreseen changes (through species selection, etc)