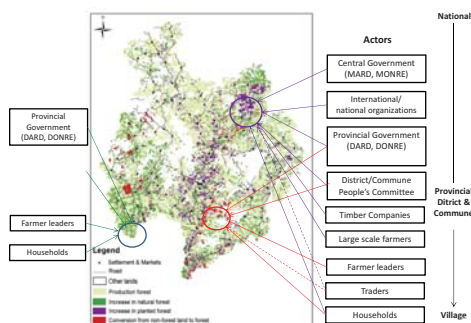




Tree cover transitions in space and time

Reforestation: where and who?



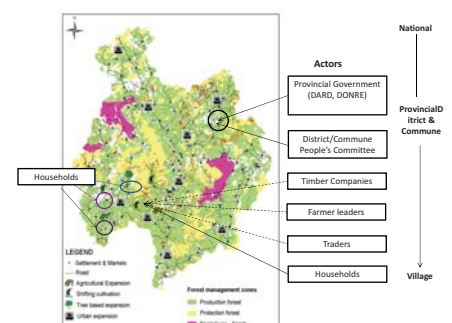
Reforestation (2000-2010)

Total reforested area: **82,628.9 ha**

Conversion of bare land/non-forest into natural and planted forest accounted for 100% of total reforested area

Drivers: land use zoning, reforestation program (661,147) and natural forest re-growth

Deforestation: where and who?



Deforestation (2000-2010)

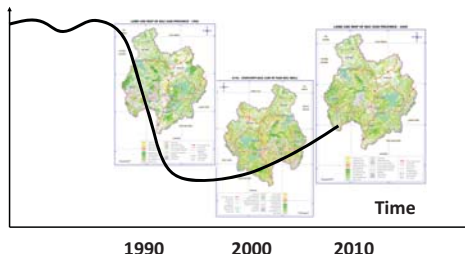
Total deforested area: **22,259.4 ha**

Conversion of forest into bare land with scattered trees accounted for 94.3% of total deforested area

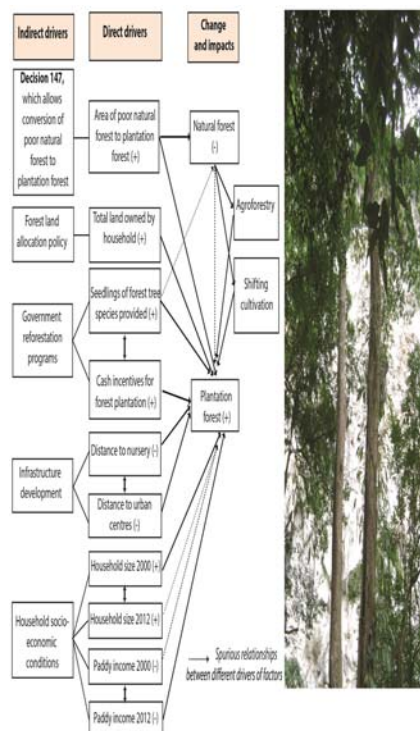
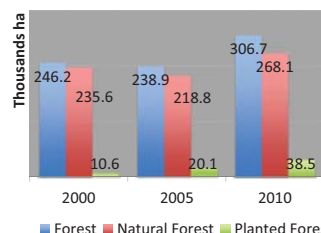
Drivers: Illegal logging, legal concessions, natural deforestation, conversion of natural forest to planted forest, timber demand

Land cover change (1990-2010)

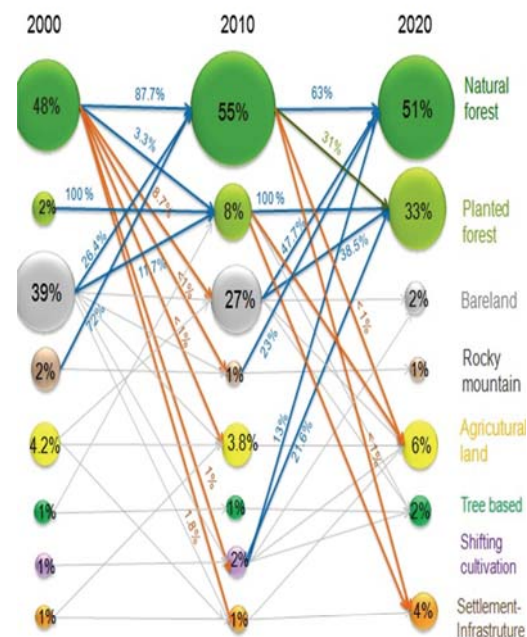
Forest/tree cover (ha)



- Forest cover decreased in 1990-2010, and increased up to 2010
- Government's reforestation programs provide financial, institutional and technical support for forest users group to protect forests.
- However, forests degradation continue-- medium & poor forest are opened for shifting cultivation & illegal logging
- The forest areas that increase are either poor regenerated forest or planted forest that both have low C-stock.
- Mono-plantation forests are established mostly in the production forest zone to address the demand for raw materials for pulp & paper and wood chips.
- Concerns and debates on forest quality have been high, particularly when PES and REDD+ entered the province's strategic considerations



Pathways of tree cover change (2000-2020)



Tree based systems/areas have been and will continue to increase significantly compared to non-tree based systems or agricultural lands