



Why are genetic considerations important in forest and landscape restoration?



- To restore adaptive capacity
- To increase **long-term** success of restoration over generations
- To conserve local populations and species
- To provide ecosystem services in short and long term
- To define appropriate provenances

often neglected?

genetic considerations

Why are

2-5 years 1-3 years 3-5 years

Role of Forest Genebanks and Seed Centres





National programmes need to recognize genebanks and seed centres as **the** key players in ensuring adequate genetic diversity in forest ecosystem restoration

Biomera

Success Evaluation



A more holistic approach is needed to **evaluate** the **success** of restoration projects in restoring ecosystem adaptive capacity in the long term.

Restoration Chain



all relevant stakeholders in the restoration chain from source identification to evaluation need to be involved

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Timeframe



The timeframe of restoration projects needs to be adequately long to allow all key decisions to be taken within the project period

20th anniversary of the Kostrzyca Forest Gene Bank

October 2002

October 2013



2