

# INVESTMENTS IN GREENFIELD PLANTATIONS FOR SUSTAINABLE RAW MATERIALS SUPPLY – ROLE OF GOVERNMENT





# Presentation outline

- ❑ What is TFS, its mandates and administration;
- ❑ Importance of forest resources;
- ❑ Categories, production capacities and distribution of forest resources;
- ❑ Plans and strategies to supply diversified forest goods and services,
- ❑ Investment opportunities in forest sector in Tanzania
- ❑ Challenges



# What is TFS, its mandates and administration

- ❑ **Tanzania Forest Services Agency (TFS) is a semi autonomous governmental agency which was established in 2010 and became operational in 2011.**
- ❑ **TFS is mandated to manage all national forest and bee reserves, tree and bee resources on general land and regulate trade of forest and bee resources.**
- ❑ **Administratively, TFS is headed by the Conservation Commissioner and it operates in seven zones, namely Lake, Northern, Central, Eastern, Southern, Southern Highlands and Western**



# Importance of forest resources

Provide goods and services which are vital for human development

- Sources of water
- Provide environment goods and services
- Sources of timber and other wood materials
- Sources of non timber forest products including medicinal plants
- Harbour biodiversity and amenity values





# Categories and distribution of forest resources

Forest resources managed by central government are of two categories:

- Productive (where harvesting is allowed)
- Protective (restricted uses, research and nature conservation)



## Categories and distribution of forest resources

TFS manages a total of 430 Forest and bee Reserves covering a total area of 9,847,479 ha grouped as shown below:

- ❑ Bee Reserves: 14 (36,640 ha);
- ❑ Forest plantations: 23
- ❑ Forest Reserves: 20 (936,854.3 ha)
- ❑ Other Forest and mangrove Reserves: 373 (8,430,948 ha)



## TFS forest plantations

- ❑ Total forest plantations: 23 with a total area of 443,037 ha) ([Location of TFS forest plantations.docx](#));
- ❑ Area planted to date: 117,864 ha
- ❑ Main planted tree species: Pines, Eucalyptus and teak.
- ❑ Area distribution by species *Pinus patula* (65%), *Pinus caribaea* (13%), Teak (5%), *Pinus tecunumanii* (4%); and *Eucalyptus* sp, *Cupressus lusitanica* and *Grevillea robusta* in equal share (17%).



## TFS forest plantations

- ❑ 13 forest plantations are due for harvesting, with annual allowable cut of 1,000,000 m<sup>3</sup>;
- ❑ Sao Hill forest plantation supplies about 75% of this volume
- ❑ It is estimated that in 25 years to come newly planted area by TFS will be 220,000 ha





## Plans and strategies to supply diversified forest goods and services

- ❑ Increase annual planting targets
- ❑ Diversification of forest goods and services by planting multiple species, bee keeping promoting eco-tourism activities in both natural and forest plantations
- ❑ Identify and promote best PPP investment models in forest sector.



## ❑ Investment opportunities in forest sector

- ❑ Ecotourism activities;
- ❑ Beekeeping and bee products processing;
- ❑ Forest carbon trade
- ❑ Wood based industries
- ❑ Supply of modern forest harvesting and wood processing technologies and innovations



## Challenges facing forest plantations

- ❑ Destruction of forest plantations by annual forest fires
- ❑ Climate change;
- ❑ Difficult in predicting demand of nonwood forest products including resin, gums and newly emerging products;
- ❑ Inadequate knowledge on the effects of resin taping on tree growth and wood properties





# THANK YOU!

