



**FOREST FIRST**

*Conserving Canopies*



# TURNING

# 12

## Our restoration journey 2021-22

KABINI LANDSCAPE

**305**

ACRES

of land under eco restoration in Wayanad, Kodagu and Anekatti along Western Ghats

**150**

NATIVE SPECIES  
CONSERVED INCLUDING  
RET

Native tree species of Western Ghats including RET supporting larger biodiversity

**~20K**

SAPLINGS PLANTED SO  
FAR

Average survival of 80% saplings



**Co2 Offset  
equivalent  
to 230 cars  
on road per  
annum**

*Madhuca longifolia*



*Hopea parviflora*



*Vateria indica*



*Canarium strictum*







**Transformation  
in 10 years**





## Coffee estate diversity



COFFEE ESTATE DIVERSITY PLANTING KODAGU  
COL MUTHANNA'S ESTATE: PLANTED IN 2018 SURVIVING IN 2022



**195**

ACRES

of forest land  
under eco  
restoration in  
Wayanad

**7,155**

SAPLINGS PLANTED

80 species of native  
trees of Western  
Ghats including

- Biologically important
- Rare, endangered and threatened
- Wild edible fruits
- Riverine
- Medicinal

**8,000**

NATURALLY  
REGENERATED SAPLINGS  
RELEASED

Assisted natural  
regeneration has  
enabled 8000  
saplings from  
invasive *Lantana  
camara*  
strangulation



**Our key  
outcomes -  
WAYANAD FLR  
2021-22**

**10,000**

PERSON DAYS OF  
LOCAL LIVELIHOODS

Over a period of 12  
months, provided  
local livelihoods with  
a peak team of 45

**1,000s**

INVASIVE SENNA  
UPROOTED

Manually uprooted  
thousands of  
invasive *Senna  
spectabilis*

**8,000**

SAPLINGS TO BE  
PLANTED IN 2022

8000 saplings  
getting ready in our  
expanded nursery  
for planting in 2022



**Total of 7155  
saplings of 80  
species planted**



**PLANTED OVER 80 SPECIES INCLUDING RET : JUN 2021 TO SEP 2021**





**18ft long lateral  
roots of invasive  
*Senna spectabilis*  
uprooted**



UPROOTED THOUSANDS OF INVASIVE SENNA : SEP 2021 TO NOV 2021





**Total of 5200  
saplings of  
native species  
mulched**



**MULCHING OF PLANTED SAPLINGS : DEC2021 TO MAR 2022**





**Total of 8000  
saplings  
released from  
invasive Lantana  
strangulation**



ASSISTED NATURAL REGENERATION: JAN 2022 TO MAR 2022





**Total of 80 homes  
were provided  
with Solar home  
lighting**



**SOLAR HOME LIGHTING SUPPORT FROM TATA INDUSTRIES LTD**





**Total of 118  
cook stoves  
were procured  
and distributed**



**SMOKELESS AND FUEL EFFICIENT COOK STOVE SUPPORT FROM  
TATA INDUSTRIES LTD**





## Support of Kerala Forest Department



PCCF HOFF,CCF, DFO VISITING SENNA REMOVAL SITE







## VIDEO LINKS

### [Wayanad FLR Video](#)

#### What do you mean by ANR?

1. [Lantana removal](#)
2. [6 months after Lantana removal](#)
3. [Assisted natural regeneration \(After 10 months\)](#)

#### RET Nursery, Pitting and Planting

4. [Sapling trail for planting on degraded landscape in Jul 2021](#)
5. [Planted sapling post removal of invasives](#)
6. [Sapling loading from native and RET nursery](#)

#### Green desert removal (Senna Invasives)

1. [Large Senna removal](#)
2. [Large sized invasive Senna removal](#)
3. [Invasive Senna removal](#)





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