

Sector	Eco-Restoration (Forest)
Project Name	Eco-Restoration of Mining-Affected Lakkihalli Forest Block in Hosadurga range of Chitradurga Division
Submitted by	Karnataka Forest Department
Total Project Cost	INR 30.05 Cr.
Coverage	6934.03 Ha of Forest area and 449.5 Ha of Non-forest area 12 villages of Hosadurga taluka
Project Duration	More than 5 years (Long Term)
P I A	Karnataka Forest Department
Objective	Eco-restoration of mining affected areas
Output	<ul style="list-style-type: none"> • Forest protection & Boundary Consolidation works: <ul style="list-style-type: none"> - Barbed wire fencing with RCC pillars – 16 Kms - Rubble Stone Masonry wall – 2,000 Rmtr • Afforestation works: <ul style="list-style-type: none"> - Model A – Ecological Restoration: 6368.03 Ha <ul style="list-style-type: none"> ○ Check Dams – 15 Nos.; ○ Nala Bunds – 10 Nos ○ Fire Protection Works – 250 Kms/Year, 12 Nos/year ○ Gully Checks – 10,000 Cum; ○ Percolation Trench – 50,000 Cum - Model - B Asst. Natural Regeneration Plantation- 500 Ha - Model – C Rehabilitation of Mined Areas – 56 Ha - Model – D Artificial Regeneration – 100 Ha • Afforestation Works outside the forest areas: <ul style="list-style-type: none"> - Model – E Strip Plantation – 6 KMs - Model – F Institutional Plantation – 6 Ha - Model - G Farm Forestry – 1.75 Lakhs Plant - Community Beneficiary oriented activities – <ul style="list-style-type: none"> ○ Solar Lamps – 300 Nos; Solar Panels – 150 Nos. ○ Solar street-lights- 80; Solar water heaters – 80 Nos ○ Awareness Programs – 120 Nos - Infrastructure Development – 1 tanker for watering
Justification	<ul style="list-style-type: none"> • The Forest areas are adversely affected due to mining activities in the Taluka, including transportation of the ore. • Improvement of local ecosystem services (Water Recharging, Soil Protection, Food/ fodder/ fuelwood, etc).
Outcome (Expected Measurable Benefits)	<ul style="list-style-type: none"> • Improved forest cover, productivity, and Biodiversity • Reduced human-animal conflict • Increase in productivity of adjoining farmlands