

Annual Carbon Offset Report

Region: Arunachal Pradesh
Report Year: 2025-2026
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I. Summary of Carbon Footprint

Total CO2 Emitted: 2,613.50 kg

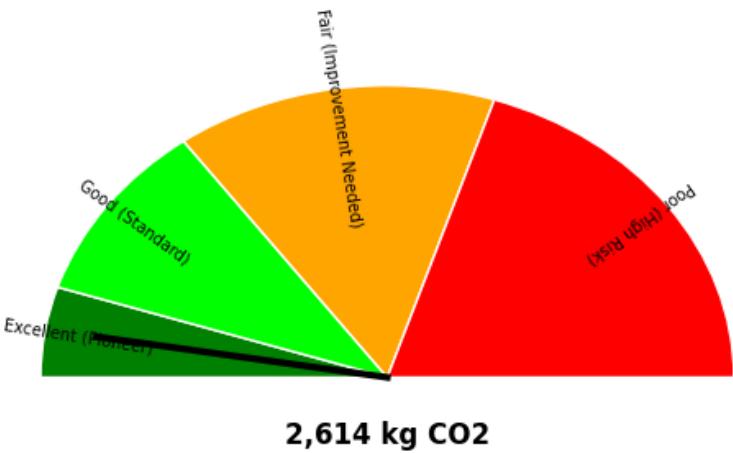
II. Carbon Offset Requirement

Tree Species: Sal
Peak Absorption Age of Sal: 18 years
Annual CO2 Absorption per tree: 38.0 kg/year
Number of Trees Required: 69

III. CO2 Emissions per Source

Source	CO2 Emission (kg)
Air Travel (km)	90.00
Bus Travel (km)	11.00
Car Travel (km)	42.00
Electricity (kWh)	297.50
Gas Consumption (m3)	50.00
Industrial Processes (tons of material)	2,000.00
Petrol (liters)	115.50
Train Travel (km)	7.50

IV. Benchmark Gauge (Performance)



V. Carbon Offset Info for Businesses

Carbon offsets can potentially be tax deductible for businesses if purchased from qualified non-profits.

Businesses can invest directly, purchase future contracts, or buy spot credits.

Prices vary by project type and location, typically \$5-15 per ton of CO2.

VI. Conclusion and Offset Recommendation

Your organization's total annual CO2 emissions are ****2,613.50 kg****. To achieve a carbon-neutral footprint, we suggest planting indigenous species based on your selected region, Arunachal Pradesh.

Recommendation:

- ****Species:**** Sal (Peak absorption at 18 years)
- ****Trees Required:**** ****69**** trees.