

Carbon Offset Report

Region: Maharashtra

I. Summary of Carbon Footprint

Total CO2 Emitted: 2,693.90 kg

II. Carbon Offset Requirement

State/Union Territory Selected: Maharashtra

Tree Species: Neem

Peak Absorption Age: 10 years

Number of Trees Required to Offset CO2: 85 trees

Each tree absorbs 31.82 kg CO2/year

III. CO2 Emissions per Source

Source	CO2 Emission (kg)
Air Travel (km)	90.00
Bus Travel (km)	11.00
Car Travel (km)	42.00
Diesel (liters)	80.40
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. Conclusion

The largest contributor to the CO2 emission is Industrial Processes (tons of material) with 2,000.00 kg.

V. Visualization

