

The Toyota Earth charter is the guideline for the formulation of the TKM environmental action plan. The second TKM environmental action plan has been prepared to reflect the broader goals and targets of TKM. It is a telescope that gives you a glance at what we are going to achieve by 2010.

Specific action items & Goals	Base/current year status		Target			
	2005	2006	2007	2008	2009	2010
Production :	(Apr - Sep) 60,000 Units/yr.	54740 units/yr	←	←	←	←
Energy Reduction :			4% Redn.	4% Redn.	4% Redn.	4% Redn.
Reduction in electricity consumption. (Purchased +generated) Kwh/veh) 20% based on Current year status	601.84 kwh/veh	601 kwh/veh	577 kwh/veh	553 kwh/veh	529 kwh/veh	505 kwh/veh
Reduction in LPG consumption. (Kgs/veh) 20% based on Current year status	29.83 kwh/veh	33.15 Kgs/veh	31.82 Kgs/veh	30.498 kgs/veh	29.172 kgs/veh	27.846 kgs/veh
Reduction in energy. (Total of Electricity+LPG in GJ/veh) 20% based on Current year status	3.36 GJ/veh	3.82 GJ/veh	3.67 GJ/veh	3.52 GJ/veh	3.34 GJ/veh	3.22 GJ/veh
Logistics :						
Reduction in emission of CO2/unit 15% reduction based on 2006 values	Yet to be grasped	Data Grasping	5%	4%	3%	3%
Production :						
Increase Yield ratio	64.50%	66.5%	67.5%	68.0%	68.5%	69.0%
Haz waste reduction :			4%	4%	4%	4%
Reduction in generation of Hazardous waste (kgs/veh). 20% based on Current year status (Chemical sludge+Phosphate sludge+Paint sludge)	9.47 kgs/veh	9.16 kgs/veh	8.71 kgs/veh	8.33 kgs/veh	7.95 kgs/veh	7.57 kgs/veh
Non-Hazardous Waste Reduction :			2%	2%	2%	2%
Reduction in generation of Non Hazardous waste(Miscellaneous solid waste) 20% based on current year status	19.52 Kgs/veh	15.34 kgs/veh	15.03 kgs/veh	14.73 kgs/veh	14.42 kgs/veh	14.11 kgs/veh
		2%	2%	2%	2%	2%
Reduction of water consumption by 10% based on current year status (m3/veh)	4.57 m3/veh	4.85 m3/veh	4.75 m3/veh	4.66 m3/veh	4.56 m3/veh	4.46 m3/veh
Eliminate use of four SOCs (Lead, Mercury, Cadmium & Hexavalent chromium)	To implement SOC free activities foe suppliers & dealers					
VOC reduction	60/75 gm/m2	50.34** gm/m2	49.8 gm/m2	49.3 gm/m2	48.8 gm/m2	48.5 gm/m2

Fig 3.1: Five Year Environmental Action Plan

The main action items being:

1. Conservation of Natural Resources
2. Global Warming
3. Recycling of Resources
4. Atmospheric Quality