



LCI- INDIA		
sector	Major Processes	Data Source
Agriculture	<ul style="list-style-type: none"> * Sugarcane Cultivation * Sugar production * Molasses production * Bagasse production * Jatropha cultivation 	<ul style="list-style-type: none"> * Sugarcane farmers * Sugar Industry Annual reports * Agricultural scientists * Industry experts
Chemical	<ul style="list-style-type: none"> * Bio-Ethanol * Bio-MEG * Bio-Ethylene Oxide * Ethylene * Ethylene Oxide * MEG * Succinic acid from molasses * Glycerol from molasses 	<ul style="list-style-type: none"> * Specific Industry process details and data * Industry experts * Published reports
Electricity & Heat	<ul style="list-style-type: none"> * High/medium/low voltage production * Production mix * Electricity from biogas * Electricity from lignite, natural gas * hard coal at mine * Heat from natural gas * Heat from coal * Heat from LPG * Heat from Residual fuel Oil/Refinery Oil * Steam from coal and biogas 	<ul style="list-style-type: none"> * Specific Industry process details and data * Industry experts * Published reports * Ecoinvent process
Oil & Gas	<ul style="list-style-type: none"> * Crude extraction * Crude refining * Diesel/Petrol/PTA/ATF/LPG/Kerosene/sulphur/ Benzene ... etc * Jatropha oil * Green Diesel 	<ul style="list-style-type: none"> * Specific Industry process details and data * Industry experts * Published reports * Ecoinvent process
Rail and Road transportation	<ul style="list-style-type: none"> * Operation freight train diesel/electricity * Operation passenger train diesel/electricity * Transport freight/passenger * Operation auto rickshaw/lorry 7.5-16t/passenger car diesel/petrol * Transport passenger/ auto rickshaw/lorry 	<ul style="list-style-type: none"> * Ecoinvent process from SimaPro * Published reports
Plastics	<ul style="list-style-type: none"> * PET resin * LDPE/LLDPE resin * PP resin etc * PHA resin * PBS resin along with EOL 	<ul style="list-style-type: none"> * Process details from specific industry * Published report * Ecoinvent & USLCI