Stepl: Plan, walkthough, was Lotorview with Frugy Hounger Step 3: Conduct of brief meeting anaechess proprante stop 3: Data gathering, flow diagram & other diagrams grap 4: Survey 8 monitoring. Step 5: Do Conduct of dotailed trialed experiments. Step 6: Analysis of energy use Tep 7: Sdentification of F. C opportunities Step 8: Cost benefit Avalysis. Step9 Reporting 2 Presentation Phase 3 Step 10: Emplementation & follow up. Rose of Frengy Managers: O Prepare an apposed annual Activity Plan and present to management D. Establish Breigy Conservation cell within the firm. B frittate activities to improve monitoring and reduce cook 4)- Analyse equipment preformance. 8- Ensure peroper functioning of Enstruments. @ Propare Into material and conduct internal workshops. De Suprove disaggregating of energy consumption. Q- Establish methods on how to calculate energy consumption

-) Transportation sector:
(#) consists of all vehicles. Perimany purpose is transporting people/goods.
Fg. trucks, kuses, trains, coolings, etc.
-> Industrial Sector:
(+) consider of all facilities and equipments used for producing,
processing or assembling goods.
Eg: agriculture, mining, construction, etc.
→ & Residential 80 ctor:
(x)-consists of living quarters coresis for private households.
Eg + Heater, Air conditioner, etc.
-> Commercial Sector:
Fg. Street lighting, water & nuitary revices, etc.
- Hectricity sector:
(*) Sector that generates alectricity.

Energy Past and Present Scenario:

+ International Freegy Agency (IFA) publisher yearly those comprehensive -) Freign peroduction is 80% fossil.

I India is the third largest peroducer of electricity in the world.

I India's energy sector is dominated by fossil fiels, in gotted coal. -> Sectorial Energy Conservation (\*) Theregy Entensity calculated at sector level.

(\*)-when source energy is considered, energy is calculated for sectors:

four end user and one electricity producing sector-(x) when total energy is considered, energy is calculated for 4 end user (b). Commercial (d) Transport

Instruments model form . Hedrical Medsuring Instruments form ous wring electrical parameters suchous KNA, KN, PF, HOTE La applied on line re on rurning motors without the need to step L measurestarmonies combustion analyser instrument has install themical cells for measuring gases such aso, co, Nox, SOX Fuel ethici ency Monitor measure oxygen + temperatione of the fluegas calculates combustion efficiency

writet Hiermomety Ly Hese wil Hierenowuples
Ly measures for flue gas, not
ar, fut water by probe Intraved Hermometer Non contact type measurement which directly gives reading when directed at heat Source Marine ear Delectors Ly aftect leaks of compressed Ly These lewes went possible todefect with human abilities Lux Merors 4 illumination leves + Lonsides of aprotocell