

ENERGY CONSERVATION FOR SUSTAINABILITY TRANSPORT

FEWER CARS ON THE ROAD

ENCOURAGE :-
USE OF BICYCLES
WALKING
CAR POOLS
CAR SHARE

IMPROVE VEHICLES

FUEL ECONOMY
BETTER FUEL EFFICIENCY
FUEL EFFICIENT TYRES
TYRE PRESSURE MONITORS
ELECTRIC CARS

TAKE CARS OFF THE ROAD

CHEAP REGULAR PUBLIC TRANSPORT
(BUSES, TRAMS, TRAINS)
CONGESTION CHARGES
BUS LANES

REDUCE THE NEED FOR CARS

WORK CLOSER TO HOME
WORK FROM HOME

GOVERNMENT POLICIES

TAX REDUCTIONS FOR SMALLER CARS
STRICTER EMISSION CONTROLS

IMPROVE DRIVING

EDUCATION
NO IDLING
GEAR CHANGE PROMPT
EFFICIENT SPEEDS

CURITIBA CITY : BRAZIL

LESS CONGESTION	FEWER EMISSIONS ... 25% LESS CARBON THAN OTHER BRAZILIAN CITIES		
BETTER ENVIRONMENT	BETTER QUALITY OF LIFE	CYCLE PATHS	DECENTRALISED FUNCTIONS
PEDESTRIANISED CENTRE	BUS RAPID TRANSIT SYSTEM (BRT)		PRE-PAID FARES
BUS LANE IN MIDDLE OF ONE WAY SYSTEM OF ROADS		BUS 'TUBES' NEW ENTRY SYSTEM	
SINGLE CROSS CITY FARE	LARGE, COMFORTABLE DOUBLE BENDY BUSES		

- There are now 58 km of exclusive lanes which crisscross the city along its north, south, east, west and southwest axes. The great axes are complemented by 270 km of feeder routes and 185 km of inter-district routes, servicing about 65 % of the urban area. If added to the conventional routes, Curitiba's urban transportation system covers the entire municipal area.
- From 1974 onward, an express bus system - called the "surface subway" - has been operational in Curitiba. It consists of a revolutionary solution for linking downtown to the neighbourhoods through exclusive traffic lanes. The triple system of lanes was therefore created, flanking an "express bus only" middle lane with two outer lanes for slower traffic. The express lanes enable a considerably higher average bus speed without jeopardizing passenger safety
- Public transport system has been promoted at the expense of the car. They have five main express bus routes that have their own bus lanes. These are flanked by local roads and high capacity one-way streets running in and out of the city. These have become centres of commerce and offices. Other roads circle the city to create a 'spiders web'. A single bus fare covers the whole city, there are quality bus shelters, wide access doors, comfortable buses, bendy buses, and the bus companies are paid by the number of kilometres of road they serve (encouraging them to serve