

Efficiency & Conservation

Increased efficiency of cars

GOAL

All cars in the world by must have a minimum fuel efficiency of 60 miles per gallon.

COSTS

This will require much more efficient engines and lighter weight vehicles.

Efficiency & Conservation

Reducing miles traveled by cars

GOAL

Reduce the yearly number of miles traveled of every car in the world by half.

COSTS

This will require better urban planning, increased use of telecommunication, and more use of mass transit.

Efficiency & Conservation

Increased efficiency of buildings

GOAL

Increase (by 25%) efficiency of the space heating and cooling, water heating, lighting, and electric appliances in all new and existing residential and commercial buildings.

COSTS

This will require a dramatic increase in the efficiency of the buildings through insulation and other conservation measures.

Efficiency & Conservation

Increased efficiency of electricity production

GOAL

Double the efficiency of every coal plant in the world. (Coal is singled out because it is used to produce more electricity than any other fuel, and it releases more carbon per unit of energy.)

COSTS

A doubling of efficiency will require dramatic changes to the way coal is used to generate electricity.