

USING RENEWABLE
SOURCES OF ENERGY

USING ECOLOGICALLY
FRIENDLY TRANSPORT
TO MOVE INTO URBAN
AREAS

FREE
GYM

RUNNING

RAINWATER
HARVESTING

SOLAR
PANEL

CHARGING
SUPER-
CAPACITORS

FRESH
AIR

RECUPERATOR

WARM
NOT
FRESH

WARM
AND
FRESH

RE-USING
WATER FROM
RAIN CAUSES LOWER
WATER CONSUMPTION

Installing motion
detectors can reduce
energy consumption
as well as using
high efficiency
lighting

TURBINES
convert
energy of
free falling
water into
electricity

WALKING PEOPLE
produce electricity
by moving
parts of
PAVEMENT

CHARGING
STATION

RENT AN
ELECTRIC
CAR!

ELECTROMAGNETIC
INDUCTION

SUBWAY
is a fast and
convenient
eco-friendly
mean of
transport

PLATFORM
that
produces
electricity
while braking

ELECTRIC
MOTOR
ONLY

REUSING
WATER!

NO ENTRANCE
FOR ENGINE
VEHICLES

BATTERY STATION
FOR ELECTRIC
VEHICLES

MORE TREES TO
PROVIDE ENOUGH
OXYGEN!

AIM

TO INCREASE
ENERGY
EFFICIENCY AND
REDUCE CO₂
EMISSION WHILE
POPULATION
DENSITY IS
RISING

$$E = - \frac{d\Phi B}{dt}$$

$$E = \frac{mv^2}{2}$$

$$F = \frac{vF_y - uF_x}{w}$$

$$F_w = \frac{v}{w} F_x$$

Coil in the VEHICLES
gains energy from coil
mounted under asphalt

