



SOLAR PHOTO VOLTIC

EFFICIENT ELECTRICAL APPLIANCES

25% LESS ELECTRICITY

USE NATURAL LIGHT

WINDTUNNEL ALLOWED FOR CONTROLLED AIR (VENTILATION)

DOUBLE GLAZING

ALL BUILDINGS FACE SOUTH

INSULATION 300 MM

TO ALLOW FOR NO HEATING

ENERGY EFFICIENT HOMES

HEAT ISLAND EFFECT

ALLOWS FOR WATER RETENTION

GREENROOF

RICH ECOSYSTEM

RARE OF MOSS

ALLOW BUS ROUTES + BIKES + E-CARS 40 POINTS

PRIVATE + SOCIAL HOUSING ALSO ALLOW FOR HOME OFFICES

BEDZED BEDFORD ZERO EMISSIONS DEVELOPMENT SOUTH EAST OF ENGLAND 1997

EVERY UNIT HAS ITS OWN GARDEN

REDUCING HEAT ISLAND EFFECT

PERMEABLE DRAINING

MEMBRANE + COAL FILTER

GREEN WATER TREATMENT

RECYCLING WATER

BROWNFIELD SITE

WATER MANAGEMENT

AIM REDUCE CARBON FOOTPRINT

0 CARBON PROJECT

35 MILES RADIUS TO REDUCE CARBON FOOTPRINT

1 PLANET LIFESTYLE

1 PLANET COMMUNITY

160,000 HOMES BUILT WERE WIDE

RECLAIM REUSE RECYCLE

AIMS OF THE PROJECT

SUSTAINABLE LIVING (MATERIAL/FOOD/WATER)

ZERO CARBON + WASTE

CULTURE + HERITAGE

LAND + WILDLIFE

HEALTH + HAPPINESS

EVALUATION

FIRST PROJECT (INSPIRED MASDAR)

HEAT & POWER PLANTS

ALLOWED FOR RESEARCH + DESIGN

ACOUSTIC APPROACH NEEDED

COST

CHANGED GOVERNMENT POLICY

ALLOW NEW HOMES