

# Climate Protection Programme Stuttgart (KLIKS): Implementation of measures

EU Project  
AMICA

## Energy

## Traffic

## Public awareness raising

### regenerative energy

### municipal buildings

### energy reduction

### optimization of energy advising

recommendation of solar system "Phönix" (solar hot water supply)

using biogas of waste tip for a hospital

energy management of municipal buildings

using process heat of a clarification plant for heating

financial grant programme to save energy in private houses in Stuttgart (17,8 million Euro from 1998 to 2007)

operating a local energy agency since 1999

operating a local Mobility Information Center (since 1998)

reporting in many newspapers etc.

public conception to save energy

grant programme of solar collectors and thermal solar installations in combination with gas condensing boilers by the energy provider

1 wind generator

internal contraction model

programme to reconstruct old school heatings (financial support: 8,5 million Euro)

in building contracts and when selling municipal area: 20% less energy use than in the actual national energy saving ordinance

consulting companies by an "Ecofit"-Project

project "Driving with less fuel" (granted for the citizens; compulsory for municipal employees)

operating an internetpage (www.stadtklima-stuttgart.de → Global Climate Protection → KLIKS)

advisory service of the energy provider

programme "Solar citizen active" of the energy provider (advising, delivering, installation and guarantee for solar collectors)

foundation of the institution ZES: Center for energy research Stuttgart

special energy consumption system for municipal buildings (SEKS)

combined heat and power plant with Stirling engine in a municipal building

residential areas with low energy standard and solar cells; zero energy houses

Climate Booklet for Urban Development (booklet for planners and architects) www.staedtebauliche-klimafibel.de (also in English language)

reinforced control of speed limits (with more resources)

lectures for experts and citizens

participation in different expert teams

6 solar energy systems on municipal buildings

calculation of the potential for RES in the region of Stuttgart

several international meetings of municipal energy managers

different pilot projects concerning refitment of municipal buildings (school, old peoples home etc.) (MOSES, KORIAS, BRITA)

energy concepts for new building areas and calculation of optimized energy consumption (programme GOSOL)

sponsored services for energy consulting of citizens by the energy provider (programme was stopped meanwhile)

consequent efforts to improve bicycle traffic (with more resources)

publishing of a Solar Atlas Stuttgart

participation in different competitions (f.e. Energy Globe 2002, Climate Star 2004)

3 municipal photovoltaic installations

4 wood chips installations in municipal buildings

project on energy saving in schools by changing of awareness (LESS)

participation in an investigation of the German energy agency concerning the new building regulation of the EU

grant programme of the energy supplier for heating with natural gas instead of coal and fuel oil

several tests with municipal cars (gas engine, biodiesel fuel, fuel cell, hybrid car)

grant programme of the energy provider for cars with gas engine (750 €/ car)

poster to present in different kinds of meetings

project "Stuttgarter Heizspiegel": overview on heating energy consumption and heating costs of Stuttgart residential buildings in dependence on the size and age of the flats

7 commercial photovoltaic installations

1 wood pellet installation in a municipal building

solar collectors and geothermic heat pumps in an old people's home (pilot project, granted by the Land of Baden-Württemberg)

special energy decree for the energy consumption in municipal buildings in Stuttgart

financial support for the citizens of Stuttgart to buy energy saving lamps (programme stopped at the end of 2004)

test period with 3 fuel cell busses

development and operation of a car pooling system ("Pendlernetz")

department for environmental consultation

photovoltaic installations on 6 schools, operated by associations of the schools

grant programme for installations of geothermic heat pumps by the energy provider

more than 10 combined heat and power plants in municipal buildings

model project by the energy supplier concerning energy certificates for houses

operating 2 heating systems with fuel cells

consequent efforts to improve public traffic in Stuttgart traffic acceleration (ÖPNV)

information letter to all citizens of Stuttgart ("How to save energy")