

# AN ENERGY SUSTAINABLE... **FOGGIA**

Foggia is a small city of southern Italy, with more than 150.000 inhabitants. It is located in the Tavoliere plain, in the northern part of Puglia. Its economy is based on agriculture, mainly on wheat and tomatoes. Due to environment conditions, Foggia is focused on the use of RES (wind, sun).

## SEC TARGETS



In the last 10 years (1995-2005), the energy consumption has increased by 7%, and greenhouse gas emissions (CO<sub>2</sub>) have increased by 15%. The main responsible of greenhouse gases are: civil sector (34,5%), industry (34%), transport sector (25%), agriculture (about 6%). The main emissions vectors are electric energy (40%) and natural gas (31,5%). 30% is due to oil products combustion.

The targets set by the Energy Plan for 2015, based on 2005 reference year, are:

- Residential sector: 0,9% thermal consumption reduction with respect to a BAU increase of 10,9%; 2,3% electric consumption increase and with respect to a BAU increase of 10,6%
- Tertiary sector: 8,4% electric consumptions reduction with respect to a BAU increase of 1,6 %
- Transport: 2,5% consumption increase with respect to a BAU increase of 6,6%
- Solar thermal: primary fossil fuels consumption reductions of about 10.300 MWh/year
- Photovoltaic energy: electric production of about 10.000 MWh

## SEC STRATEGY

- More efficiency in energy use;
- Innovation in the use and transformation of fossil fuels;
- Effective introduction of the sustainable form of energy

The strategy of the Municipality of Foggia is strictly connected with the general lines proposed by PEAR (Regional Environmental Energetic Plan), whose aim is to improve the quality of life thanks to a sustainable use of energetic sources by introducing and widening the use of renewable energy in the daily life, the private houses, industry and public buildings. Part of the strategy is to raise awareness on renewable energies, also by providing financial incentives to industries and citizens.

## SEC ACTIONS



### Contact

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**Photovoltaic panels in 18 schools** of Foggia: since 2006, PV systems have been installed in public schools. These systems have each a total power of 308 kWp and it covers the 20% of the needs of the building;

**Ecological Sundays:** raise awareness initiative on alternative and sustainable transport means;

Photovoltaic panels in the Regional Park: introduction of **PV panels** in the Info Point in the Regional Park 'Bosco Incoronata' and a **free hire service** for the use of mountain bike (in progress).