

did you know that...

At current consumption rates, known gas reserves will run out in just 62 years' time, petrol in 41 years and coal in 230 years.

With just eight 5KW photovoltaic installations set up in 8 schools (one per centre), we reduce CO2 emissions into the atmosphere by 6.3 tonnes each year.

While, in the developed world, we squander energy resources and consume energy at an excessive rate, over 2,000 million people around the world have no access to basic energy services.

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From Monday to Friday, from 9:30 am to 2:00 pm and
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Barcelona Energy Improvement Plan



Ajuntament
de Barcelona



BARCELONA ENERGY
IMPROVEMENT PLAN

“we must continue with our analytical work but always together with specific proposals to make the improvements that are required, and we must also know how to make people realise that, in this process of change, you, i and everyone plays a fundamental role”

imma mayol i beltran
Fourth Deputy Mayor and Councillor
of Public Health and Environment



what it is

The Barcelona Energy Improvement Plan (PMEB) is the generic framework for Barcelona City Council's work in the area of energy policy and its environmental impact.

Within this framework, an energy and environmental analysis has been carried out of current day Barcelona and its future trends (up to 2010), leading to predictions regarding the city's increase in energy consumption and its repercussions.

Using this analysis as a reference, and with the aim of ensuring a sustainable model of the city, the PMEB proposes a series of measures for local action up to the year 2010, these being centred on energy savings and reducing environmental impact via an increase in the use of renewable energies and energy efficiency. As a result, the Plan contains 55 projects assessed at the levels of energy, environment and economics, ranging from new regulations, aid for installations, training and education programmes, to the creation of the Barcelona Energy Agency Consortium.

objectives

1. Savings and efficient use of energy via the promotion of more efficient technologies, such as co-generation applied to buildings or the retrieval of waste energy.
2. The promotion of renewable energy sources by increasing awareness and the promotion of "clean" energy sources, such as photovoltaic, biogas and thermal solar energy.
3. The reduction of negative environmental impact, lowering greenhouse gas emissions into the atmosphere.

According to the future trends studied (up to 2010), on applying the measures for action contained in the Energy Improvement Plan greenhouse gas emissions would be reduced by 20.3% and energy consumption by 4.14%. Given this scenario, the energy savings achieved by 2010 would be equivalent to the annual energy consumed by one million light bulbs used for public lighting and 1,400 million urban bus trips.

BARCELONA ENERGY IMPROVEMENT PLAN