

ENERGY AS AN OPPORTUNITY FOR GROWTH IN ANDALUSIA

Andalusia, in the year 2020, **has in energy an opportunity for growth**, advancing in decarbonisation and the adequacy of the energy system, intensifying the use of renewable energy, extending energy culture and improving energy efficiency, enhancing local actions and collective energy management, supporting companies and entities in their projects.

The **Strategy** has been designed as a **tool for economic development and creation of employment for the whole region**, intended to consolidate the Andalusian business and industry energy network.



Estrategia Energética
ANDALUCÍA 2020
Andalucía, eficiente por naturaleza



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JUNTA DE ANDALUCÍA

MINISTRY OF EMPLOYMENT, BUSINESS AND TRADE



JUNTA DE ANDALUCÍA

ENERGY STRATEGY FOR ANDALUSIA 2020

Andalusia, efficient by nature

The **Energy Strategy for Andalusia 2020** reflects the energy model that Andalusia pursues, based on the progressive establishment of a low-carbon economy, and from reducing greenhouse gases, as a response to the great challenges that arise today in the European Union: high energy dependence on foreign energy, economic growth and competitiveness of companies and environmental protection.

The Strategy collects the strategic guidelines governing the regional energy policy in coming years towards an adequate energy model, low in carbon, intelligent and of quality, without losing sight of the horizon 2030-2050.


It proposes action in all sectors of the Andalusian society: citizens, businesses and industry and administrations.


It is the result of the experience and results obtained from previous energy planning, and it has been developed through a process based on governance, counting on the participation of citizens, the most representative actors of the sector and the Administration.


THE CITIZENS ARE THE TRUE PROTAGONISTS IN A SYSTEM WHERE PLANNING WILL BE MADE FROM THE DEMAND


PRINCIPLES


The **principles** on which the Strategy is based and which constitute the commitments for the energy future in Andalusia are:

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1
Contribute to an efficient and smart use of energy, prioritising the use of autochthonous sustainable resources, as well as self-consumption systems
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2
Place the sectors of renewable energy and energy saving and efficiency as drivers of the Andalusian economy
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3
Guarantee the quality of energy supply, promoting the transition of energy infrastructures towards a smart and decentralised model, integrated in the landscape
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4
Act from the demand to make citizens the protagonists of the energy system
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5
Optimise energy consumption in the Administration of the Andalusian Regional Government, improving the efficiency of its installations and incorporating management criteria aimed at energy saving

OBJECTIVES

Based on these Principles, the **Energy Strategy for Andalusia 2020 sets 5 objectives** that will enable us to determine quantitatively the degree of adaptation of the Andalusian energy system towards a more decarbonised position, which is addressed to citizens, is more efficient, more renewable, with higher quality of supply and higher added value for the regional economy:

↓ 25%

REDUCE BY 25% THE TENDENTIAL PRIMARY ENERGY CONSUMPTION

⚡ 25%

PROVIDE 25% OF FINAL GROSS ENERGY CONSUMPTION WITH RENEWABLE ENERGY

⚡🏠 5%

5% SELF-CONSUMPTION OF ELECTRICITY GENERATED WITH RENEWABLE ENERGY SOURCES

🌿 30%

DECARBONISE THE ENERGY CONSUMPTION BY 30% COMPARED TO 2007

⚡ 15%

IMPROVE BY 15% THE QUALITY OF THE ENERGY SUPPLY

ACTION PROGRAMMES

PROGRAMMES

ACTIONS

INTELLIGENT ENERGY



Actions to set up a more efficient energy system mainly in **sustainable building** and **mobility**, evolving towards a **more efficient city model** for citizens

IMPROVING COMPETITIVENESS



Actions to improve the **economy of Andalusia** and its **companies** through increased energy efficiency use and promoting innovation for the development of energy products and processes

IMPROVING INFRASTRUCTURE AND QUALITY OF ENERGY SERVICES



Actions that guarantee the energy **supply** with high **quality** standard and use of **autochthonous resources**, with an orderly land planning in the **territory**

ENERGY CULTURE



Actions to bring about **behaviour change** among citizens, businesses and the administration towards a **better use of energy**

ENERGY MANAGEMENT IN THE ANDALUSIAN PUBLIC ADMINISTRATION



Actions for the **management** of energy consumption in the Andalusian administration and optimisation of the **energy bill**