

NEWS ON ENERGY POLICIES IN SPAIN FROM SEPTEMBER 2022 TO FEBRUARY 2023

“SPIREC 23” ENDORSES THE COMMITMENT TO CLEAN ENERGY AS A KEY TO NEW DEVELOPMENT MODELS AND AN ANTIDOTE TO THE GLOBAL CLIMATE AND GEOPOLITICAL CRISIS.

After three days of discussions on the challenges of the global energy transition



February 2023. SPIREC 23, organised by the Ministry for Ecological Transition and the Demographic Challenge - through the IDAE - and the Renewable Energy Policy Network for the 21st Century (REN21), was held in Madrid from 20th to 23rd February, within the framework of “The International Energy and Environment Trade Fair (GENERA)”.

It brought together more than 1.800 attendees and 150 speakers. Among them, the Vice-President Teresa Ribera, the European Commissioner for Energy, Kadri Simson, the Director General of IRENA, Francesco La Camera, and the Director of Public Health and Environment of the WHO, María Neira.

The choice of Spain as host of this event responds to Spain's leading role in the international debate on renewable energies, backed by data that places the country in a leading position. It ranks eighth in the world among countries with the highest installed renewable energy capacity and second in Europe. It is also the fifth-largest international producer of wind and solar energy, and the tenth-most attractive market in the world for investment in green energy, among other notable milestones.

At the opening of SPIREC, the President of the Government, Pedro Sánchez, reaffirmed the Government's desire to "make the most" of all the opportunities for growth, reindustrialisation and employment that the energy transition offers Spanish society.

In closing the event, the Minister for Transport, Mobility and the Urban Agenda, Raquel Sánchez, stressed the importance of integrating clean energies into new transport and mobility schemes. To this end, the future Sustainable Mobility Law designed by her department "will promote decarbonisation, increase the efficiency of the system and promote intermodality and the transfer to less polluting modes of transport".

After the official closure, SPIREC 23 passes the baton for the next International Energy Conference to Australia, AUSIREC 2024. The International Renewable Energy Conference (IREC) series is organised preferably biennially in various countries around the world. The first one took place in Bonn (Germany) in 2004 and since then, members of governments, civil society and the business world from all over the world meet regularly to discuss and learn from each other, to promote the rapid deployment of renewable energies.

In its final declaration, the International Renewable Energy Conference also underlines the social and inclusive nature of the deployment of green sources and their "disruptive" character compared to the fossil fuel-based scheme.

Website: <https://spirec.es/en/>

GENERA 2023 BREAKS ITS ALL-TIME RECORD



February 2023. The International Energy and Environment Trade Fair, Genera 2023, has been an "absolute success" and an unprecedented professional gathering. The fair closed its 26th edition with 35.107 professional visitors, an increase of 76% compared to the previous edition. National visits have increased by 67%, but international visitors have increased even more: +144%, with a total of 2.804 visitors from 63 countries. By sector, 31.88% of visitors indicated an interest in solar energy and 13.46% in wind energy. Company participation at Genera grew by 50.7%, with a total of 402 direct exhibitors from 21 countries.

As every year, they complemented the commercial exhibition with spaces for analysis and debate on such important issues as energy transition and new models based on energy communities, energy storage, green hydrogen, self-consumption, and decarbonisation processes in the sector, among other topics. In addition, *Foro Genera* addressed new industrial and technological developments and financing schemes, among other proposals; and *Foro Genera Solar* focused on decarbonisation in rural areas, and the promotion of renewable energies in the context of growing inflation, among other topics.

On the other hand, as every year, *Genera's Innovation Gallery* highlighted 16 projects with a clear technological innovation component, to showcase some of the lines of research in renewable energies and energy efficiency on which the sector is working.

Website: <https://www.ifema.es/genera>

PUBLICATION OF THE GUIDE TO SOLAR THERMAL ENERGY FOR INDUSTRIAL PROCESSES



February 2023. IDAE and the Castilla y León Construction Institute (ICCL) have produced the Guide to Solar Thermal Energy for Industrial Processes. Solar Thermal Energy has had a large presence in terms of promotion and regulation in the Building Sector but very little in the Industrial Sector.

This Guide aims to promote, make visible and provide clear and precise information on the possibilities of using Low-Temperature Solar Thermal installations in industrial processes and provide all interested agents with the necessary information and real existing examples to eliminate the uncertainties that such use could generate. In addition, the guide will analyse the technical and economic feasibility of integrating Solar Thermal Energy in specific industrial processes. Finally, a potential analysis will be prepared based on the results obtained, extrapolating its use to the total industrial final energy consumption.

Download the Guide to Solar Thermal Energy for Industrial Processes [here](#)

IDAE PUBLISHES THE PROJECT MAP OF MORE THAN 40 ENERGY COMMUNITIES IN SPAIN



January 2023. IDAE has published the first phase of the map of energy communities of the EC IMPLEMENTA Program, as part of the Recovery, Transformation and Resilience Plan (PRTR). The map or viewer, which can be accessed from the energy communities section of the [IDAE website](#), has a first block of 43 energy community projects from CE IMPLEMENTA 01 and 02 Programs. The information will be extended to include the 73 energy community projects selected in the CE IMPLEMENTA 01 and 02 Programs.

In addition, the map provides access to statistical information at the municipal, provincial, regional and local levels; it also allows the presence of energy communities in Demographic Challenge and Just Transition municipalities to be traced; it provides tools for actors in the sector to create other value proposals based on the information published; it gives visibility to energy communities to turn them into potential points of contact; it inspires the formation of potential future communities and it gives international projection to Spanish energy community initiatives.

MONITORING STUDY OF ENERGY CONSUMPTION IN INDUSTRY FOR STATISTICAL PURPOSES

January 2023. IDAE, in collaboration with the Ministry for Ecological Transition and the Demographic Challenge (MITECO), has just started a statistical operation to survey more than 10.000 establishments in the industrial sector as part of this study to monitor energy consumption in industry for statistical purposes.

This project will respond to the statistical requirements set out in Commission Regulation (EU) 2019/2146, which calls on Member States to take measures to implement the required changes and improvements in energy statistics, requiring greater disaggregation in the industrial energy statistics reported by Member States.

This study is aligned with the objectives established by the Integrated Energy and Climate Plan, 2021-2030 (PNIEC) in the field of energy efficiency. Thus, monitoring and developing energy statistics in the industry is a key element for improving energy efficiency and decarbonisation of the industry, a key sector with higher expectations of savings, to which the PNIEC allocates various measures to promote the adoption of best management practices and technological solutions.

See the Survey Completion Guide [here](#). Access the survey [here](#).

THE MITECO PUBLISHES SPAIN'S HEAT MAP TO PROMOTE EFFICIENT HEATING AND COOLING



December 2022. IDAE has published the heat map of Spain, available [here](#). The map will boost efficient heating and cooling projects, since it allows the identification of the thermal demands of all sectors of activity, as well as the facilities that can generate residual heat and cooling, including renewable ones.

The publication of the map is one of the measures of the More Energy Security Plan (Plan +SE) and is part of the actions envisaged by European regulations to identify the potential of efficient heating and cooling systems so that administrations and private activity can implement projects.

The map allows knowing the thermal energy demands of the different consumers, as well as the points of production of residual thermal energy, so that it will help to dimension the projects to take advantage of the available resources and to obtain the greatest economic and environmental benefits.

IDAE LAUNCHES A STUDY TO MONITOR ENERGY POVERTY



December 2022. The IDAE has just launched a study to monitor energy poverty to improve current knowledge of the energy vulnerability of Spanish households.

This study responds to the requirement established in the National Strategy against Energy Poverty 2019-2024 (ENPE), within one of the four axes of action through which it is structured - Axis I "Improving knowledge on energy poverty"-. Within the framework of this axis, a monitoring study of a panel of vulnerable households is envisaged.

To this end, it is necessary to collect information on household energy consumption and expenditure, as well as on the main variables affecting their energy well-being over three years. To carry out this work, the IDAE has contracted, through a public tender, the joint venture "EAPN ESPAÑA-ACA- CSIC-UC3M", whose member companies are: EAPN-ES (European Network to Combat Poverty and Social Exclusion in Spain), ACA (Environmental Sciences Association), the Carlos III University of Madrid (UC3M) and the Eduardo Torroja Institute of the State Agency of the Spanish National Research Council (CSIC).

It is hoped that this study will contribute to a better understanding of energy poverty in Spain, thereby making it possible to design effective measures aimed at alleviating this problem and reducing its incidence.

THE GOVERNMENT APPROVES THE “MORE ENERGY SECURITY (+SE) PLAN” TO INCREASE CONSUMER PROTECTION, REDUCE GAS CONSUMPTION AND INCREASE SOLIDARITY WITH OTHER EUROPEAN COUNTRIES



October 2022. The Council of Ministers, at the request of the Ministry for Energy Transition and Demographic Challenge (MITECO), has approved the More Energy Security (+SE) Plan, which will increase the protection of the population against the price crisis caused by the war in Ukraine. It will also reduce the country's gas consumption by between 5.1% and 13.5%, improve energy autonomy and increase the competitiveness of the economy, while increasing energy exports, acting in solidarity with the rest of the EU.

The +SE Plan is based on a detailed strategic analysis of the energy situation in Spain and the EU. Unlike other European partners, Spain does not depend on Russian energy imports and has a guaranteed supply. Spain is in fact exporting electricity, natural gas and oil products.

The *+SE Plan* leverages funds from the Recovery, Transformation and Resilience Plan (PRTR), accelerating and facilitating its implementation. **It contains 73 complementary and synergistic measures, structured in six major blocks:** energy savings and efficiency; boosting the energy transition; protection of vulnerable consumers, households and businesses; fiscal measures; strategic autonomy; and solidarity with other European partners.

The executive summary of the Plan is available at: https://www.miteco.gob.es/es/ministerio/planes-estrategias/seguridad-energetica/221011_resumenejecutivoplanse_eningles_tcm30-547854.pdf

GRANTS

THE MITECO OPENS THE PERIOD TO APPLY FOR GRANTS FOR THE SECOND CALL OF THE MOVES FLOTAS PROGRAM.



January 2023. Managed by the IDAE, it will give new impetus to initiatives aimed at electrifying light vehicle fleets operating in more than one autonomous community. 50 million euros will go to fleet renewal projects that lead to the greatest reduction in CO₂ emissions and the greatest benefits for employment and the industrial value chain.

Both private companies and companies in the public institutional sector will be eligible and, in addition to the purchase of electric vehicles, the installation of recharging points and management systems for the fleet itself will also be considered.

The deadline to apply for the grants begins on Monday 9 January and ends on 8 March.

MITECO SUPPORTS 29 ENERGY COMMUNITY PROJECTS DRIVEN BY NEARLY 93.000 PEOPLE, SMES AND LOCAL AUTHORITIES.



December 2022. The Ministry for Ecological Transition and the Demographic Challenge (MITECO) has presented the results of the second call for aid for pilot projects for energy communities (EC IMPLEMENTA Program), aimed at medium and large projects with an investment of over one million euros. A total of 29 projects have been awarded, involving more than 470 actions in 12 autonomous communities, which will mobilise an investment of 67 million euros, from a budget of 30 million. The 29 funded projects involve more than 93.000 stakeholders, 85% of whom are individuals and the remaining 15% are SMEs and local entities.

IMPLEMENTA is part of the first state-level aid Program specifically for energy communities to promote social innovation and citizen participation in renewable energies, energy efficiency and electric mobility. Within the framework of the Recovery, Transformation and Resilience Plan, designed by the government to mobilise Next Generation EU funds.

Likewise, 41% of the selected projects are developed in municipalities facing demographic challenges, which contributes to achieving the objectives of territorial cohesion and combating depopulation, which are priorities in Spain's energy policy.

3% of the selected initiatives seek to address fuel poverty through the inclusion of vulnerable consumers among their partners and more than half (55%) have gender equality plans as part of their governance, to achieve a balanced representation between women and men. In the area of mobility, 79 actions in 13 projects stand out, which will enable the implementation of 134 recharging points. Finally, regarding demand management, 12 actions have been selected in this area.

THE MINISTRY FOR ECOLOGICAL TRANSITION AND THE DEMOGRAPHIC CHALLENGE (MITECO) LAUNCHES A 222.5 MILLION CALL FOR WIND POWER REPOWERING, MINI-HYDRO RENOVATION AND WIND TURBINE BLADE RECYCLING

December 2022. The MITECO has formalized the first call for three aid programs dedicated, respectively, to wind power circular repowering, hydroelectric renovation and wind turbine blade recycling projects, with a joint allocation of 222.5 million euros of Next Generation EU funds managed through the Recovery, Transformation and Resilience Plan.

The initiative, under the title “*Circular Repowering Programs*”, seeks to provide greater energy efficiency and lower environmental impact to existing wind and hydroelectric generation facilities through technological renovation and total or partial replacement - depending on the different lines - of their components.



In addition, for the first time, a specific program will also subsidize innovative circular economy proposals for the recycling of wind blades and other composite elements of wind farms, in line with the provisions of the PERTE on Circular Economy.

IDAE will be in charge of managing these grants, which will be awarded on a competitive basis and will be implemented as a non-refundable subsidy that the IDAE will be able to advance to the beneficiary.

MITECO LAUNCHES THE FIRST LINE OF GRANTS FOR PILOT PROJECTS AND TESTING PLATFORMS FOR MARINE RENEWABLE ENERGIES



December 2022. The Ministry for Ecological Transition and the Demographic Challenge (MITECO) has launched the first call for grants of the *Renmarinas Demos Program*, endowed with 240 million euros to promote testing platforms and demonstration of new prototypes in the field of marine renewable energies. Divided into four sub-programs, which can be consulted [here](#) and [here](#), it is part of the developments foreseen in the Strategic Project for the Recovery and

Economic Transformation of Renewable Energies, Renewable Hydrogen and Storage (PERTE ERHA). The deadline for submitting applications is January 31 and will end on March 24.

PERTE ERHA, which is part of the Recovery, Transformation and Resilience Plan (PRTR), seeks to position Spain as a reference in new generation renewable energies. This line of aid, managed by the IDAE, aims to promote this leadership and strengthen I+D+i for the best use of marine natural resources, allowing innovative solutions associated with marine renewable energies to be tested in Spain.

The deadline to apply for the grants is opened from January 31 to March 24.

THE FIRST CALL FOR GRANTS FOR INNOVATIVE HYBRID ENERGY STORAGE PROJECTS WITH RENEWABLE GENERATION IS OPENED



December 2022. The Ministry for Ecological Transition and the Demographic Challenge (MITECO) is launching the first call for grants for innovative energy storage projects hybridized with electricity generation facilities from renewable energy sources, which can be consulted here. With a budget of 150 million euros, it is part of the Strategic Project for the Recovery and Economic Transformation of Renewable Energies, Renewable Hydrogen and Storage (PERTE ERHA).

IDAE will be in charge of managing these aids, charged to the Recovery, Transformation and Resilience Plan (PRTR), which will be granted on a competitive basis. Energy storage projects of all technologies, except hydrogen storage, will be accepted to enable large-scale commercial deployment of energy storage.

To this end, energy storage projects that hybridize with renewable energy generation facilities, whether new or existing, will be encouraged, contributing to the energy transition and, in particular, providing flexibility to the energy sector, increasing the integration of renewable energies.

TAX BENEFITS IN THE PERSONAL INCOME TAX (IRPF) FOR THE IMPLEMENTATION OF THERMAL RENEWABLE ENERGIES

November 2022. The "Law 10/2022, of June 14, on urgent measures to promote the building renovation activity in the context of the Recovery, Transformation and Resilience Plan (PRTR)", introduced in its article 1, "Deduction in the Personal Income Tax for energy efficiency improvement works in houses", several amendments to the "Law 35/2006, of November 28, on Personal Income Tax..." which establish tax benefits for the implementation of thermal renewables and, in general, the improvement of energy efficiency in housing.

The first measure consists of a deduction in the Personal Income Tax (IRPF) for energy efficiency improvement works in houses carried out until December 31, 2022, for the following cases:

- a) Deduction of 20% for the amounts paid in those actions that reduce by 7% the demand for heating and cooling in habitual residences, up to a maximum of 5,000 euros per dwelling.
- b) Deduction of 40% for actions that reduce by 30% the consumption of non-renewable primary energy, or for actions that reach the letters "A" or "B" in the Certificate of Energy Efficiency of the Building of the habitual residence, up to a maximum of 7.500 euros per dwelling.
- c) Deduction of 60% for actions that reduce by 30% the consumption of non-renewable primary energy, or for actions that achieve the letters "A" or "B" in the energy rating of residential buildings, up to a maximum of 15.000 euros per dwelling.

TERESA RIBERA ANNOUNCES AN INCREASE OF 350 MILLION EUROS IN THE DUS 5.000 PROGRAM OF AID FOR THE ECOLOGICAL TRANSITION IN MUNICIPALITIES WITH DEMOGRAPHIC CHALLENGES.

November 2022. The Vice President and Minister for Ecological Transition and Demographic Challenge, Teresa Ribera, has announced an extension of 350 million euros to the DUS 5.000 Program for energy

transition projects in municipalities and towns with less than 5.000 inhabitants, reaching 675 million. This extension doubles the budget deployed so far and multiplies by nine the initial amount.

The new extension will make it possible to respond to almost 1.000 new applications submitted that were on the waiting list, up to almost 2.000 applications, representing more than 3.500 actions or projects.

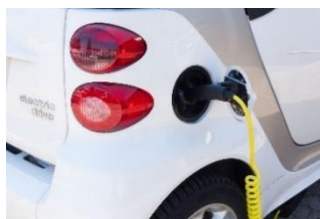
THE VICE PRESIDENT RIBERA ANNOUNCES AN INCREASE IN FUNDS FOR SUSTAINABLE MOBILITY AND SELF-CONSUMPTION.



November 2022. Teresa Ribera, the Vice-President of the Government and Minister for Ecological Transition and the Demographic Challenge, today announced to the Autonomous Communities, during a telematic meeting of the Energy Sectorial Conference, an extension of aid for sustainable mobility and self-consumption, more resources for administrations to manage aid, and the maintenance of the milestones set by the regulations for processing renewable energy projects.

The MOVES III Program budget, aimed at subsidizing the purchase of vehicles and the installation of recharging points, will reach 1,2 million euros, after an increase of 400 million and the promotion of self-consumption will receive an additional 500 million, as foreseen in the “More Energy Security Plan” (+SE Plan).

MITECO LAUNCHES THE 2ND CALL FOR MOVES SINGULARES II, WITH 264 MILLION FOR INNOVATIVE ELECTRIC MOBILITY PROJECTS



September 2022. The new call for the second edition of the “MOVES Singulares”, managed by the IDAE, will provide incentives for innovative projects by Spanish companies that, with a minimum investment of 100.000 euros, promote the technological leap towards electric and fuel cell vehicles.

This new call for proposals follows the success of the first one: it had 100 million and 175 projects worth 386 million were submitted. All types of companies, universities and research and development centres, as well as institutional public sector entities, will be eligible.

This Program complements the rest of the MOVES ecosystem calls for the deployment of electric mobility in our country, consisting of the MOVES III Program, which provides aid for the purchase of hybrid or electric vehicles and the installation of recharging points, and the MOVES Fleets Program for the replacement of combustion vehicle fleets with hybrid or electric models.