

NEWS ON ENERGY POLICIES IN SPAIN FROM SEPTEMBER 2023-FEBRUARY 2024

IDAE ENABLES BIOGEMIS, A CO₂ AND OTHER GREENHOUSE GAS EMISSIONS CALCULATOR FOR THE BIOGAS SECTOR.



February 2024. Aimed at companies in the sector, BIOGEMIS will make it easier to obtain emission reductions from the production and use of biogas, and to ensure that the requirements of Directive 2018/2001 on the promotion of the use of energy from renewable sources are met.

The tool, foreseen in the Biogas Roadmap, covers all possible uses of biogas and biomethane, a wide range of feedstocks used for biogas production and the most commonly used process and scrubbing systems.

The trial version can be accessed via the following link: <https://calculadorabiogemis.idae.es>.

Technical contributions to refine and improve the calculator can be sent before 1 May to the following temporary mailbox: calculadorabiogemistemporal@idae.es.

IDAE REINFORCES ITS PRESENCE AT GENERA WITH ITS OWN STAND AND THE RENEWABLE VALUE CHAIN AS A PROTAGONIST.



January 2024. This year, IDAE's participation in the leading trade fair for the renewable energy and energy efficiency sector (GENERA) coincides with the celebration of its 40th anniversary. "Energy for change" is the slogan chosen to commemorate the 40th anniversary of the IDAE (The Institute for the Diversification and Saving of Energy), which is now the main PRTR fund manager for the energy transition in Spain.

The IDAE stand hosted events on the main keys to the transformation of the energy system and promoted the identification and exploitation of all the opportunities of the ecological transition. There was a space dedicated to the NextGen seal. This label will certify the work of those entities and companies that contribute, with projects on the ground, to developing an economic, industrial and public fabric that will leave Spain ready for an emission-free 2050, taking advantage of all the opportunities offered by the ecological transition.

This year, GENERA has received more than 43.000 visitors and has had an increase of 24 % compared to the previous edition, with more than 24.000 square metres of exhibition space and the participation of more than 500 companies. The attendance of foreign professional participants was strong (17 % of the total).

IDAE information at [GENERA 2024](#).

IDAE REPORTS ON THE IMPLEMENTATION AND MOBILISATION OF PRTR FUNDS FOR THE PROMOTION OF THE ENERGY TRANSITION.



January 2024. The Ministry for Ecological Transition and the Demographic Challenge (MITECO), through the Institute for the Diversification and Saving of Energy (IDAE), has opened a web page on the [idae.es](https://www.idae.es) portal which will periodically update the degree of mobilisation and execution of the funds of the Recovery, Transformation and Resilience Plan (PRTR) earmarked for the promotion of the energy transition.

For the time being, some 10,43 billion euros have been allocated to IDAE for this purpose and, of these, 91% - some 9,5 billion - have already been mobilised, either through its calls for proposals totalling 5,7 billion, or through the autonomous communities, to which IDAE has distributed 4.734 billion to date.

In terms of the degree of execution, IDAE has delivered 55% of the funds allocated to direct management to the final beneficiaries, 3.136 million, materialised in 2.240 innovative projects.

IDAE AND ITJ PROMOTE THE CREATION OF NEW ENERGY COMMUNITIES IN THE REGION OF CASTILLA Y LEÓN.



December 2023. The Institute for the Diversification and Saving of Energy (IDAE) and the Institute for Just Transition (ITJ), under the Ministry for Ecological Transition and Demographic Challenge, will promote the creation of new energy communities in the Region of Castilla y León, thanks to the eight Community Transformation Offices (CTOs) set up in the region with funds from the Recovery, Transformation and Resilience Plan (PRTR). The Autonomous Community has received more than 1,7 million euros in aid, making it the region with the third largest number of CTOs, after Catalonia and the Valencian Community, which have 10 each.

This programme aims to support the constitution of new energy communities of all kinds - citizens, businesses, and industry - with advisory and support measures to promote this cooperative formula for the production and consumption of renewable energy. It can also incorporate energy efficiency, demand management and sustainable mobility measures.

The call for applications for the Community Transformation Offices (CE OFICINAS) aid Programme has awarded 20 million for the implementation of a total of 79 projects spread throughout most of Spain.

THE PUNTA GAVIOTA WIND FARM WILL DOUBLE ITS ENERGY PRODUCTION WITH ITS REPOWERING.



December 2023. PEGASA has completed its repowering project for the Punta Gaviota wind farm, which has involved an investment of 8,23 million euros. This amount has enabled the wind farm to replace the 11 pre-existing wind turbines with 3 latest generation wind turbines. The greater efficiency of the new machines will double its energy production concerning the performance of the final stage of the existing wind farm. In this way, the wind farm will substantially improve its production, reaching an estimated annual production of 22 GWh/year.

IDAE is currently implementing a line of wind energy repowering, with aid awarded from the Recovery Plan of 147,8 million euros for 34 projects to repower wind power plants, which would replace 1.205 old wind turbines, with an average power of 600 kW, for 167 new wind turbines, with an average power of 5 MW and with a higher degree of technological progress, which will result in greater energy efficiency; greater production per unit of power of the repowered farms, doubling their total energy produced.

A BUILDING RECEIVING IDAE FUNDS WINS THE INMOMAT AWARD FOR THE BEST REFURBISHMENT.



November 2023. The “Embajador I” building in Condado de Treviño 2, Madrid, recipient of the IDAE's PAREER II line of aid, co-financed by the European Regional Development Fund (ERDF), has received the [INMOMAT](#) award in the refurbishment category, presented by the Official Association of Architects of Madrid (COAM) to the best residential real estate projects.

The building was one of the six winners at a gala event held in the capital on November 15, from a total of 62 competing projects.

This action has achieved energy savings and a reduction in CO2 emissions of 40% and has improved the energy rating of the house, which has gone from D to C, while improving the thermal comfort of the neighbours. The rehabilitation of Condado de Treviño has involved an eligible investment of more than 2,3 million euros and a direct ERDF aid of 774.155 euros with a financing of 1.334.837 euros over 11 years at an interest rate of Euribor + 0%.

More information [here](#).

IDAE PUBLISHES A GUIDE TO PROMOTE THE INCORPORATION OF THE HEAT PUMP FOR AIR CONDITIONING IN THE REHABILITATION OF BUILDINGS.



November 2023. The Institute for the Diversification and Saving of Energy (IDAE), has published a [Guide](#) on "The heat pump in the energy rehabilitation of buildings", to promote and encourage the incorporation of the heat pump in the heating and cooling sector and moving towards the electrification of the country. This guide, the result of collaboration

between IDAE and the Association of Air Conditioning Equipment Manufacturers (AFEC), is focused on the energy rehabilitation of existing buildings, mainly in the residential sector, although it also affects

other sectors, such as services, through the renovation or replacement of thermal generation facilities with fossil fuels for global solutions using heat pumps.

It is aimed at advanced users, professionals in the sector and public administrations as a consultation and guidance tool for the planning and development of energy rehabilitation projects for building installations using heat pumps.

SARA AAGESEN UNDERLINES THE POTENTIAL OF CITIZENSHIP AS AN ELEMENT OF SYSTEM TRANSFORMATION THROUGH ENERGY COMMUNITIES.



October 2023. The Secretary of State for Energy met with the promoters of the first two Community Transformation Offices planned in Navarra thanks to the lines of aid managed by IDAE to promote and boost the creation of energy communities. Aagesen also participated in a meeting with the 27 town councils that make up one of the energy communities in Navarra that is financed by the EC IMPLEMENTA

Program.

At the International Industry Congress for Energy Transition (CITE), the Secretary of State highlighted that 5 of the 34 repowering projects and 2 of the 6 blade recycling facilities financed by the IDAE's Circular Repowering program will be developed in the region of Navarre.

INTERNATIONAL CLIMATE AND ENERGY SUMMIT IN MADRID JOINS FORCES FOR AMBITIOUS GLOBAL CLIMATE ACTION



October 2023. Energy and environment ministers from dozens of countries around the world met on 2 October in Madrid for the International Climate and Energy Summit. Teresa Ribera, Vice-President of the Spanish Government and Minister for Ecological Transition and the Demographic Challenge, and Fatih Birol, Executive Director of the International Energy Agency (IEA), hosted an event that aims to build a large international coalition to maintain the commitment to limit global warming to 1.5°C.

The Summit, framed within the agenda of the Spanish Presidency of the European Union, has focused on the need to promote the global transition to clean energy and seeks to remind global leaders that the 1.5°C objective is still feasible and to set a common agenda and a strong message about the importance of promoting measures to halt the climate emergency in the run-up to COP28.

COMMISSION ENDORSES SPAIN'S €163 BILLION MODIFIED RECOVERY AND RESILIENCE PLAN, INCLUDING A REPOWEREU CHAPTER



October 2023. The Commission has given a positive assessment of Spain's modified recovery and resilience plan, which includes a REPowerEU chapter. The plan is now worth €163 billion (€83 billion in loans and €80 billion in grants) and covers 111 reforms and 142 investments.

Spain's REPowerEU chapter consists of a new reform, a scaled-up investment drawing on three existing measures, and seven new investments to deliver on the REPowerEU Plan's objectives to make Europe independent of Russian fossil fuels well before 2030.

In addition, the revised Recovery and Resilience Plan includes 59 measures that are new or aim to increase their level of ambition. The new measures seek to strengthen Spain's business environment and attract skilled workers, improve the sustainability of the agricultural sector, promote the circular economy and counter desertification, streamline permitting procedures for renewable energy projects, strengthen cybersecurity rules and boost affordable housing.

The modified plan has a strong focus on the green transition, allocating 40% of available funds to measures that support climate objectives. The Spanish plan's digital ambition has also increased, thanks to 18 new measures as well as the plan's social dimension.

IDAE TO OFFER FEASIBILITY STUDIES FOR BIOGAS PROJECTS



livestock or agri-food activities, among others.

September 2023. The Ministry for Ecological Transition and the Demographic Challenge (MITECO), through the Institute for the Diversification and Saving of Energy (IDAE), will offer technical feasibility studies on possible projects for the use of biogas for thermal and/or electrical self-consumption. The pre-feasibility analyses will be free of charge for beneficiaries, who must be generators of biodegradable waste susceptible to energy recovery or conversion into renewable energy in the form of gas because of their industrial, agro-

The initiative, financed with 1.43 million euros from IDAE, meets the objectives set by the Government in the Biogas Roadmap and is in line with the forecast established in the draft update of the PNIEC (2023-2030).

Applications will be accepted in the order in which they are correctly completed. Applicants for pre-feasibility studies must also sign a declaration with IDAE expressing their interest and willingness to implement the project if it proves viable.

More information: <https://www.idae.es/ayudas-y-financiacion/programa-de-estudios-de-prefactibilidad-de-proyectos-de-biogas-para-usos>

IDAE'S NEW CAMPAIGN HIGHLIGHTS THE VALUE OF EVERYDAY GESTURES IN 'TRANSFORMING THE ENERGY OF AN ENTIRE COUNTRY'.



September 2023. “Something is changing” (“AlgoEstáCambiando”). With this slogan, the Institute for the Diversification and Saving of Energy (IDAE), is launching a new advertising campaign that highlights the importance of everyday gestures and the common drive to continue making progress in the transformation of our energy system. In graphic, audiovisual and digital formats, the initiative reminds citizens of the tangible benefits of committing to self-consumption, energy rehabilitation and savings and sustainable mobility, both individually and collectively.

Similarly, the spots underline the great progress made in Spain in recent years in the energy transition, as evidenced by the fact that around 50% of the energy consumed is already of renewable origin and encourages further progress on the path of sustainability and the fight against the global climate crisis. <https://algoestacambiando.es/>

GRANTS

MITECO LAUNCHES PUBLIC CONSULTATION ON NEW AID FOR THE MANUFACTURE OF RENEWABLE AND STORAGE TECHNOLOGIES



February 24. The Vice-President and Minister for Ecological Transition and the Demographic Challenge, Teresa Ribera, has announced that the draft order establishing the regulatory bases for the lines of aid for the industrial value chain of renewable energies and storage has been opened for public information. The draft of a first call for subsidies for the manufacture of equipment necessary for the transition to a zero net emissions economy, which may allocate more than 750 million euros, depending on the needs identified during the public information process, is also open to public information. All this is available [here](#).

Endowed with funds from the Addendum to the Recovery, Transformation and Resilience Plan (PRTR), this first call for proposals will provide incentives for the production of equipment and essential components for photovoltaic panels, batteries, wind turbines, heat pumps and electrolyzers. Other areas and value chains may be encouraged in future calls.

Until 15 March, sectoral agents and interested members of the public can make contributions to improve the response to the needs identified. Comments should be sent to: Bzn-Renovables@miteco.es, indicating “Información pública incentivos Cadena de Valor” in the subject line.

IDAE ALLOCATES 106 MILLION EUROS TO THE CANARY ISLANDS TO PROMOTE THE FIRST DEEP GEOTHERMAL BOREHOLES IN SPAIN.



February 24. The Vice-President of the Government and Minister for Ecological Transition and the Demographic Challenge, Teresa Ribera, announced today in Las Palmas de Gran Canaria the results of the GEOTERMIA PROFUNDA call for proposals for pioneering research projects on the potential of this energy resource in Spain, available [here](#). The Canary Islands have been the absolute protagonist: ten projects in three of the islands of the archipelago will receive 106.2 million euros of funds from the Recovery, Transformation and Resilience Plan (PRTR), almost 90% of the 120 million available in this line of incentives.

The programme, managed by the Institute for the Diversification and Saving of Energy (IDAE), has awarded grants to eleven proposals. Six of the projects - with a total of 48 million euros - will be developed in La Palma, three in Tenerife -43.2 million euros-, one in Gran Canaria -15 million euros- and the last one, which will receive 5 million euros in subsidies, will be deployed in Madrid.

MITECO GRANTS 150 MILLION TO BOOST 36 STORAGE PROJECTS CONNECTED TO RENEWABLE GENERATION PLANTS IN THE FRAMEWORK OF THE PERTE ERHA



December 2023. The Ministry for Ecological Transition and the Demographic Challenge (MITECO), through the Institute for the Diversification and Saving of Energy (IDAE), has granted 150 million euros of NextGenEU funds to incentivise 36 storage projects connected to renewable generation facilities - mainly photovoltaic and wind - throughout the country, available [here](#). These innovative initiatives, with a total capacity of 904 MW, will drive progress towards consolidating a renewable storage fleet in Spain of 22 GW by 2030, in line with the objectives of the Energy Storage Strategy and the draft update of the Integrated Energy and Climate Plan (PNIEC) 2021-2030.

The beneficiaries are distributed among nine autonomous communities, with the regions of Castilla-La Mancha and Extremadura as the territories with the most power (632.4 MW) and the highest percentage of aid (95.4 million). 75% of the projects are located in areas of demographic challenge or just transition.

MITECO GRANTS 635 MILLION TO MORE THAN A HUNDRED PROJECTS THROUGHOUT SPAIN TO PROMOTE THE ENERGY TRANSITION WITHIN THE FRAMEWORK OF PERTE ERHA



December 2023. The Ministry for Ecological Transition and the Demographic Challenge (MITECO) supports more than a hundred projects in different fields thanks to the funds of the Recovery, Transformation and Resilience Plan (PRTR).

The final resolution of the tenders for the “CE Implementa” 3 and 4 lines of aid, aimed at financing energy communities; “H2 Pioneros 2”, focused on innovation in the green hydrogen value chain, and the aid for the implementation of renewable projects and storage in the Canary Islands, all managed by IDAE, involve the support of 140 projects throughout Spain for a total amount of 635 million euros.

"The successes we have achieved show that we are on the right track: more than half of the electricity demand will be covered by renewable sources this year, 50,8%, almost eight percentage points more than in 2022", explained Ribera, Vice-President and Minister for Ecological Transition and the Demographic Challenge.

IDAE GRANTS 28 MILLION EUROS TO 15 PROJECTS THAT WILL EXPAND RENEWABLE POWER AND STORAGE CAPACITY IN THE BALEARIC ISLANDS.



December 2023. The Ministry for Ecological Transition and the Demographic Challenge (MITECO), through the Institute for the Diversification and Saving of Energy (IDAE), awards 28 million euros from the Recovery, Transformation and Resilience Plan (PRTR) to promote renewable generation facilities with special encouragement for storage and grid security in the Balearic Islands. Specifically, aid is granted to 15 hybrid photovoltaic projects with storage, which will increase renewable generation by 49.625 MW and have a combined

storage capacity of 53.50 MWh.

Among the selected projects, 14 are linked to new photovoltaic installations and the vast majority will carry out crowdfunding campaigns to ensure the required citizen participation. In addition, priority has been given to the access of small players to the electricity market with 4 projects with less than 1 MW of generation power and another 5 with less than 5 MW.

IDAE GRANTS 46,8 MILLION TO 16 ELECTRIC POWER, THERMAL AND COGENERATION FACILITIES WITH RENEWABLE ENERGIES



December 2023. The Ministry for Ecological Transition and the Demographic Challenge (MITECO) has allocated 46.8 million euros in aid to 16 cogeneration and waste treatment facilities that will replace the use of fossil fuels with renewable energies such as solar photovoltaic, biomass, biogas, aerothermal, hydraulic or mixed formulas. The first call of the RENOCOGEN programme, financed with

funds from the Recovery, Transformation and Resilience Plan (PRTR) and managed by the Institute for the Diversification and Saving of Energy (IDAE), will provide the owners of electricity and/or heat generating plants with a more affordable and emission-free energy supply alternative, improving their competitiveness.

These initiatives contribute to decarbonising a wide range of industrial sectors, including wood processing, olive oil processing, pellet production, sugar processing, mineral processing, food, paper and cement.

236 PROPOSALS RECEIVED UNDER THE LIFE - CLEAN ENERGY TRANSITION (CET) SUB-PROGRAMME CALL 2023



November 2023. CINEA (The European Climate, Infrastructure and Environment Executive Agency) has published the first results of the 2023 call of the LIFE - Clean Energy Transition (CET) sub-programme.

13 topics were opened with a total budget of EUR 99 million in the areas: Improving the energy performance of buildings, Boosting the deployment of heat pumps and modernisation of heating and cooling networks, Supporting public authorities in the transition to clean energy, Skills and capacity building in the building sector and industry, Participation in private financing and mobilisation of investment projects, Establishing one-stop shops for the retrofitting of residential and public buildings, Energy poverty and Energy communities. Selected projects will benefit from a co-financing rate of 95% of their eligible costs.

More information [here](#).

IDAE AWARDS THE 150 MILLION OF THE SECOND EDITION OF H2 PIONEERS TO 12 NEW INNOVATIVE RENEWABLE HYDROGEN PROJECTS



November 2023. Twelve new projects for the production and joint use of renewable hydrogen in industry, heavy transport and other sectors that are difficult to decarbonize will receive 150 million euros from the second call for the “H2 Pioneros Program”, according to the final resolution approved by the Ministry for Ecological Transition and the Demographic Challenge.

This line of aid, designed to promote innovative initiatives to demonstrate the viability of new business models based on green hydrogen and activate the market, thus reissues the success of the first edition, which last April also exhausted the available allocation, another 150 million euros from the PRTR distributed in incentives to 19 projects. Financed with NextGenEU funds from the Recovery Plan, the H2 Pioneers program is part of the Strategic Project for the Recovery and Economic Transformation of Renewable Energy, Renewable Hydrogen and Storage (PERTE ERHA).

Through the deployment of this aid mechanism, progress is being made towards achieving the objectives of the Hydrogen Roadmap, a strategic document to promote renewable hydrogen.

More detailed information on the [H2 PIONEROS](#) program can be found on the IDAE website.

IDAE GRANTS 85 MILLION TO 51 RENEWABLE AND STORAGE PROJECTS IN THE CANARY ISLANDS



December 2023. The Ministry for Ecological Transition and the Demographic Challenge, through the Institute for the Diversification and Saving of Energy (IDAE), allocates 84,9 million euros from the Recovery, Transformation and Resilience Plan (PRTR), financed by the European NextGenerationEU funds, to 51 projects for electricity

generation from renewable sources in the Canary Islands that especially promote initiatives linked to energy storage and grid security. Also subsidized are renewable hydrogen production facilities.

Overall, the 51 projects selected will increase the storage capacity in the archipelago by more than 191 MWh, as well as the renewable generation capacity in the islands by 92,40 MW. Likewise, the hydrogen production capacity will be increased by almost 6 MW.

Of the total number of proposals awarded the aid, 31 are located in Gran Canaria, while the rest are located in Fuerteventura (9), Tenerife (9) and La Gomera (2).

GOVERNMENT EXTENDS MOVES III ELECTRIC MOBILITY GRANTS UNTIL JULY 31



November 2023. The Council of Ministers, at the request of the Ministry for Ecological Transition and the Demographic Challenge (MITECO), has approved a Royal Decree extending the incentive program for electric mobility (MOVES III) until July 31, 2024. With this measure, the Government maintains its sustained support for the electrification of transport and covers the summer period, when the annual peak in car sales is recorded.

MOVES III is one of the main aid programs of the Recovery, Transformation and Resilience Plan (PRTR), aimed at promoting the purchase of electric vehicles and the installation of recharging points. It is managed by the Institute for the Diversification and Saving of Energy (IDAE), a body attached to the MITECO, and the autonomous communities, which are responsible for the final distribution to beneficiaries.

IDAE ALLOCATES 10.8 M€ TO TWENTY COMPANIES TO MODERNIZE THEIR FLEETS



November 2023. IDAE has awarded 10.8 million euros to 22 fleet renewal and electrification projects -from mopeds to vans- in the final resolution of the 2nd call of the MOVES FLOTAS program. Financed with NextGenerationEU funds through the Recovery, Transformation and Resilience Plan (PRTR), this program promotes the electrification of light vehicle fleets operating in several autonomous communities.

Applicants include large national companies with a large number of vehicles. Many of them have multi-year renewal plans, which implies a significant commitment to decarbonized mobility.

The two MOVES FLOTAS calls for proposals resolved have allocated almost 24 million to more than 13,000 vehicles and charging points.

More information on the resolution of the 2nd call for MOVES FLOTAS [here](#).

IDAE ALLOCATES 147 MILLION FOR TESTING AND DEMONSTRATION OF MARINE RENEWABLES



October 2023. IDAE has resolved the award of 146,9 million euros from the NextGenEU funds channelled through the Recovery, Transformation and Resilience Plan (PRTR) to 21 actions aimed at boosting test platforms and the demonstration of new prototypes in the field of marine renewable energies, as can be consulted [here](#). It is estimated that the selected projects will mobilize investments of close to 384 million.

The program aims to position Spain as a pole of reference for the development of renewable energies in the marine environment and as an industrial benchmark in the sector, safeguarding a sustainable and orderly environmental and social deployment.

More details on the resolution of the call can be found on the [IDAE](#) website.

THE IDAE AWARDS 186 MILLION IN AID FOR REPOWERING WIND, MINI-HYDRO AND WIND TURBINE BLADE RECYCLING



October 2023. IDAE has formalized the awarding of 186 million euros in PRTR aid -NextGenEU funds- to a total of 172 projects that include repowering of old wind farms, modernization and environmental improvement of hydroelectric facilities of up to 10 MW, as well as the start-up of the first wind turbine blade recycling and treatment plants in Spain. The resolution of the Program is available [here](#).

According to the calculations of the awarded companies, the implementation of all the selected projects will generate more than 6.800 jobs – 2.831 direct and the rest indirect - many of them associated with areas of Just Transition and Demographic Challenge.

More details on the resolution of the call can be found on the [IDAE](#) website.

MITECO GRANTS 20 MILLION FOR COMMUNITY TRANSFORMATION OFFICES TO FACILITATE THE CREATION OF NEW ENERGY COMMUNITIES



September 2023. The Ministry for Ecological Transition and the Demographic Challenge (MITECO), through the Institute for the Diversification and Saving of Energy (IDAE), has definitively resolved the first call for applications for the Community Transformation Offices (CTOs) aid programme for the promotion and revitalisation of Energy Communities (CE OFICINAS) with the award of the 20 million euros earmarked for a total of 79 projects spread throughout most of Spain. The offices will provide

information, advice and support to citizens, companies and the public sector.

77% of the proposed beneficiaries are public entities, compared to 23% in the private sector and are distributed throughout all the Autonomous Communities, apart from La Rioja and the autonomous cities of Ceuta and Melilla. No applications were submitted in any of the three Autonomous

Communities. Another relevant factor is that 73% of the subsidised offices (58) will work in municipalities with demographic challenges and/or just transition.

The programme for the promotion and training of CTOs is synergic with other PERTE-EHRA calls and, in particular, with the CE Implementa lines, also managed by IDAE, with a budget of 80 million and which, for the moment, has already awarded 40 million.