



15TH INTERNATIONAL CONFERENCE ON ENERGY AND CLIMATE CHANGE

ENTREPRENEURSHIP/ FINANCIAL TOOLS FOR THE ENVIRONMENT AND CLIMATE CHANGE

YPSILANTIS TZOUROS, CEO EPENDYSIS BUSINESS CONSULTANTS



ABOUT US

Ependysis is a business consulting company with the aim of providing specialized services to companies in the private sector, but also to organizations in the wider public sector.

Our methodology focuses on the strengthening of our client, on its domestic and international development and on its constantly increasing market share.



3D BUSINESS MODEL



01 Financial Tools

02 Business Consulting

03 Extroversion

OUR SERVICES

We achieve that with our 3D Business Model:

Financial Tools

- Grants
- EU Funding

Business Consulting

- **Feasibility Study / Business Plan**
- Strategic Positioning
- Day to day Management

Business Extroversion

- Marketing Plan
- Day to day Marketing
- Branding



European Union Funding Programms Funding for CLIMATE ACTION



European Union Funding Programms Funding for climate action

EU budget 2021-2027: Commission proposal to further strengthen climate action

The EU's 2021-2027 long-term budget, together with the NextGenerationEU recovery instrument, amounts to €2.018 trillion in current prices (€1.8 trillion in 2018 prices).

This unprecedented response will help repair the economic and social damage caused by the coronavirus pandemic and aid the transition towards a modern and more sustainable Europe.

30% of the EU budget will be spent to fight climate change.



European Union Funding Programms Funding for climate action

Innovation Fund

The Innovation Fund is one of the world's largest funding programmes for the demonstration of innovative low-carbon technologies.

In the EU, polluters have to pay for their greenhouse gas emissions via the Emissions Trading System (ETS). The money raised via the ETS is reinvested into the Innovation Fund: one of the world's largest funding programmes for innovative low-carbon technologies.

The Innovation Fund calls for proposals are prepared with the active involvement of the Innovation Fund Expert Group.



European Union Funding Programms Funding for climate action

Modernisation Fund

The Modernisation Fund is a dedicated funding programme to support 10 lower-income EU Member States in their transition to climate neutrality by helping to modernise their energy systems and improve energy efficiency.

The beneficiary Member States are Bulgaria, Croatia, Czechia, Estonia, Hungary, Latvia, Lithuania, Poland, Romania and Slovakia.

The total revenues of the Modernisation Fund may amount to EUR 48 billion from 2021 to 2030 (at EUR 75 / tCO₂), depending on the carbon price. Out of this amount, around EUR 28 billion comes from allowances that beneficiary Member States have transferred to the Modernisation Fund from their resources under Article 102(b) and 10c, and around EUR 20 billion comes from the auctioning of 2% of the total EU ETS allowances from 2021 to 2030.



European Union Funding Programms Funding for climate action

LIFE Climate Change Mitigation and Adaptation

The LIFE programme 2021-2027 is divided into four sub-programmes: “Nature and biodiversity”, “Circular economy and quality of life”, “Climate change mitigation and adaptation” and “Clean energy transition”.

LIFE contributes to the transformation of the Union into a climate-neutral and resilient society, by supporting the implementation of the EU's climate policy as part of the Green Deal for Europe and preparing the EU for the climate challenges in the coming years and decades.



European Union Funding Programms Funding for climate action

LIFE financial instruments

Private Finance for Energy Efficiency (PF4EE)

Private Finance for Energy Efficiency (PF4EE) instrument is a joint agreement between the European Investment Bank and the European Commission which aims to address the limited access to adequate and affordable commercial financing for energy efficiency investments.

The instrument targets projects which support the implementation of National Energy Efficiency Action Plans or other energy efficiency programmes of EU Member States.



European Union Funding Programms Funding for climate action

LIFE financial instruments

Natural Capital Financing Facility (NCFF)

Halting the loss of biodiversity and adapting to climate change requires increasing investment in natural capital.

To do so, the European Investment Bank and the European Commission have partnered to create the Natural Capital Financing Facility (NCFF), a financial instrument that supports projects delivering on biodiversity and climate adaptation through tailored loans and investments, backed by an EU guarantee. At the same time, projects financed through the NCFF need to generate revenues or demonstrate cost savings.



European Union Funding Programms Funding for climate action

NER 300 programme

NER 300 is a funding programme pooling together about EUR 2 billion for innovative low-carbon technology, focusing on the demonstration of environmentally safe Carbon Capture and Storage (CCS) and innovative renewable energy technologies on a commercial scale within the EU.

Further NER 300 calls for proposals are not planned. The Commission now focuses on the projects already selected for funding and on preparing the first call under the new Innovation Fund.

The logo for the NER 300 programme, featuring the text "NER 300" in a bold, sans-serif font. "NER" is in blue and "300" is in orange.

European Union Funding Programms Funding for ENERGY ACTION



European Union Funding Programms

Funding for energy action

Cohesion Fund

The EU's Cohesion Fund aims to reduce economic and social disparity between EU countries and promote sustainable development.

The fund supports energy-related projects that benefit the environment for example by reducing greenhouse gas emissions increasing the use of renewable energy or improving energy efficiency.

Part of the Cohesion Fund is used to implement the energy union strategy with the help of the Energy and Managing Authorities Network (EMA).



European Union
Cohesion Fund

European Union Funding Programms Funding for energy action

Connecting Europe Facility

The Connecting Europe Facility (CEF) is the EU's funding instrument for boosting energy, transport, and digital infrastructure.

In 2018, the CEF was renewed for 2021-2027 with a budget of €42.3 billion to support investments in EU infrastructure networks for energy (€8.7 billion), transport (€30.6 billion) and digital (€3 billion). This represents a 47% increase compared to 2014-2020, see “EU Budget for the future” CEF factsheet for further information.

Every 2 years the European Commission draws up a list of EU projects of common interest (PCIs) which may apply for CEF funding. The first CEF Energy PCI call for proposal was launched on 7 September 2021, making €785 million available to finance clean energy infrastructure projects.



European Union Funding Programms Funding for energy action

European Investment Bank and the European Fund for Strategic Investments

The European Investment Bank (EIB) helps finance energy projects by providing companies with loans and other financial instruments. The EIB, together with the European Commission, launched the European Investment Advisory Hub as part of the Investment Plan for Europe. The hub acts as a single access point that provides advice and expertise on administration and project development across the EU.

In November 2019, the EIB adopted a new and more ambitious energy lending policy that aims to phase out traditional fossil fuel energy projects by 2021.

The European Fund for Strategic Investments (EFSI) is a joint initiative between the EIB Group (the EIB and the European Investment Fund) and the Commission. It aims to mobilise private investment in projects which are strategically important for the EU, including the areas of energy efficiency, renewable energy, power grids and interconnectors – all essential to speed up the decarbonisation of the EU economy.



European Union Funding Programms Funding for energy action

European Regional Development Fund

The European Regional Development Fund (ERDF) aims to reduce economic and social disparity between the EU's regions.

One of the ERDF's four priority areas for 2014-2020 is 'the low carbon economy'.

A minimum percentage of ERDF funding must be channelled towards low carbon projects in regions: 20% for more developed regions, 15% for transition regions and 12% for less developed regions.



European Union
European Regional Development Fund

European Union Funding Programms Funding for energy action

Horizon 2020 and Horizon Europe

Around €5.8 billion will be invested in energy research and innovation projects in the EU's Horizon Europe programme 2021-2022. These projects aim at the creation and improvement of clean energy technologies, such as smart energy networks, tidal power and energy storage.

The European Climate, Infrastructure and Environment Executive Agency (CINEA) is running parts of Horizon 2020 and Horizon Europe in the areas of transport and energy, as well as innovation of energy efficient technologies and solutions for buildings, heating and cooling and more.



European Union Funding Programms Funding for energy action

InvestEU

The InvestEU Programme supports sustainable investment, innovation and job creation in Europe.

It will bring together, under one roof, the European Fund for Strategic Investments and 13 other EU financial instruments and aims to trigger more than €372 billion in additional investment over the period 2021-2027.



European Union Funding Programms

Funding for energy action

Just Transition Mechanism

The Just Transition Mechanism is a financial tool that provide tailored support to the most vulnerable and coal-intensive regions in the transition to a greener economy. Over the period 2021-2027, it will mobilise at least €150 billion of investments to alleviate the socio-economic impact.

The mechanism consists of three pillars

- a Just Transition Fund of €40 billion to primarily provide grants
- a dedicated scheme under InvestEU to crowd in private investments
- a public sector loan facility with the EIB Group to mobilise additional investments and leverage public financing



European Union Funding Programms Funding for energy action

LIFE: Clean Energy Transition

The new sub-programme of the LIFE Programme is dedicated to clean energy transition. It aims to offer support to deliver on sustainable energy-related policies that contribute to reach the European Green Deal objectives.

With a budget close to € 1 billion for the period 2021-2027, the sub-programme aims to facilitate the transition towards an energy efficient, renewable energy based and resilient economy by funding coordination and support actions across Europe. It is managed by CINEA.



European Union Funding Programms Funding for energy action

Recovery and Resilience Facility

The Recovery and Resilience Facility (RRF) is the key instrument at the heart of NextGenerationEU, the EU's plan for emerging stronger from the COVID-19 pandemic.

It is structured around 6 pillars: green transition; digital transformation; economic cohesion, productivity and competitiveness; social and territorial cohesion; health, economic, social and institutional resilience; policies for the next generation.

The RRF will help the EU achieve its target of climate neutrality by 2050.



European Union Funding Programms Funding for energy action

European Energy Programme for Recovery

Launched in 2009 in order to support key investments in the context of the economic crisis and in order to promote energy transition, the €3.98 billion European Energy Programme for Recovery (EEPR) finance aimed to fund 44 gas and electricity infrastructure projects, 9 offshore wind projects and 6 carbon capture and storage projects.

After 7 years of implementation, EEPR achieved good results in 2018. 35 projects out of 44 in gas and electricity infrastructure projects were completed; 4 out of 9 in the offshore wind projects are operational, but only 1 in the carbon capture and storage projects. The EEPR website was archived in 2019.

The Commission continues to monitor closely the on-going remaining projects. Lessons learned from EEPR were used in the preparation and the implementation of the projects of common interest (PCI).

Under the EEPR, the Commission also launched the European Energy Efficiency Fund (EEE-F) which aims at promoting a sustainable energy market and climate protection.



European Union Funding Programms

Funding for energy action

EIC Accelerator Funding and investments through the EIC Fund for individual start-ups and small companies to develop and scale up game changing innovations

The EIC Accelerator provides substantial financial support with: grant funding (non-dilutive) of up to €2.5 million for innovation development costs, investments (direct equity investments) of up to €15 million managed by the EIC Fund for scale up and other relevant costs.

Companies working on technologies of strategic European interest can apply for EIC investments of more than €15 million. In addition, EIC selected companies receive coaching, mentoring, access to investors and corporates, and many other opportunities as part of the EIC community.



European Union Funding Programms Funding for climate action

Research - Innovate 2021-2027

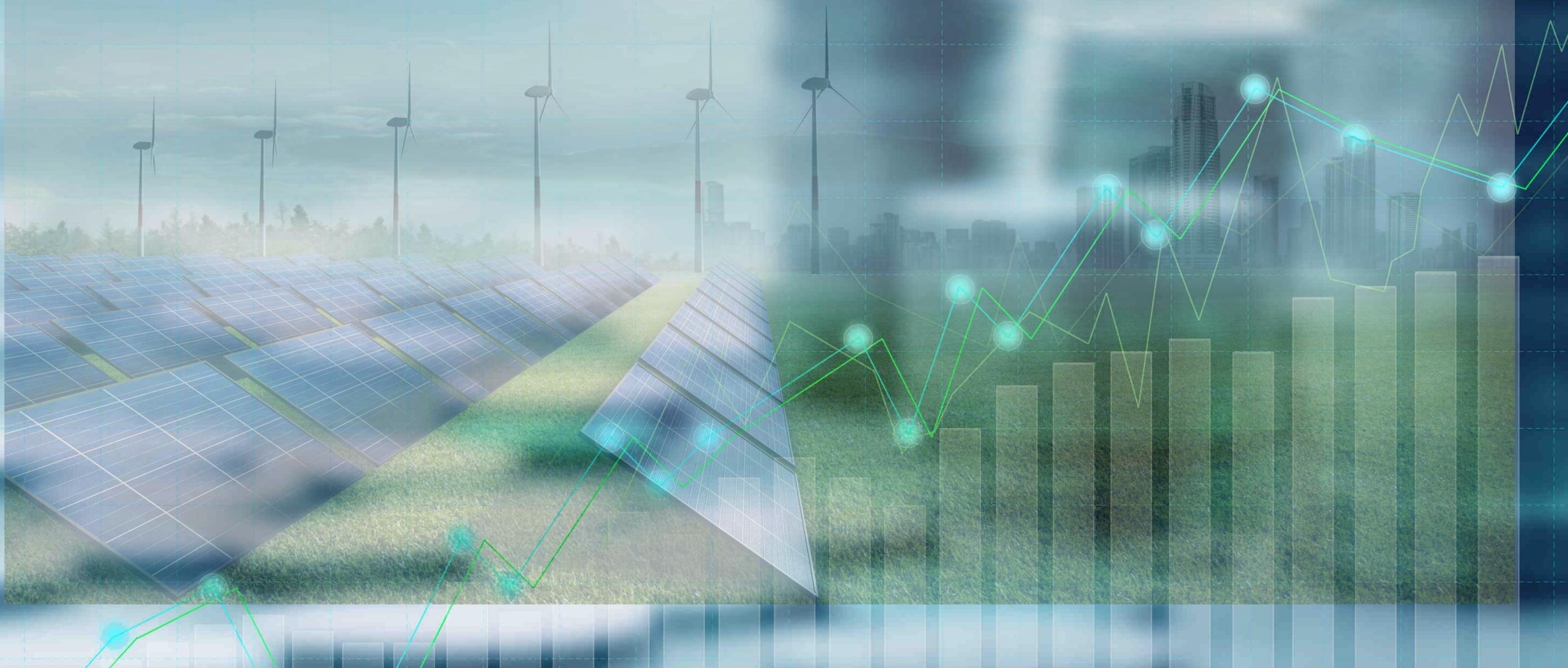
The aim of the action is to strengthen Research and Innovation, which is fully aligned with the country's strategy to place innovation at the heart of a sustainable and resilient recovery from the pandemic, to accelerate the green and digital transition and ensure technological development of Greece.

Its main objective is to connect research and innovation with entrepreneurship and to strengthen the competitiveness, productivity and extroversion of companies towards international markets, with the aim of transitioning to quality innovative entrepreneurship and increasing domestic added value.

It is addressed to companies and research organizations that will carry out collaborative Research and Development projects.



CALLS FOR PROPOSAL



European Union Funding Programms Calls for proposal

Horizon Europe: EUR 99 million of funding available for Energy R&I projects

Description

EU funding of EUR 99 million in total is now available for Horizon Europe Energy topics with a deadline of 27 October 2022 at 5pm (CEST).

LIFE-2022-CET-LOCAL -Technical support to clean energy transition plans and strategies in municipalities and regions

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-CET-POLICY -Towards an effective implementation of key legislation in the field of sustainable energy

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

LIFE-2022-CET-COMPLIANCE - New ecodesign and energy labelling compliance support facility for suppliers and retailers

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-CET-EE1st - Making the “Energy efficiency first” principle more operational

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

LIFE-2022-CET-DEEPRENO - Towards a zero-emission building stock: strengthening the enabling framework for deep renovation

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-CET-BUILDPERFORM - Energy performance and Smart Readiness of buildings – making the instruments work

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

LIFE-2022-CET-BUSINESS - Supporting the clean energy transition of the business sector

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-CET-BUILDSKILLS - BUILD UP Skills – Strategies and training interventions enabling a decarbonised building stock

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

LIFE-2022-CET-DH - Integration of low-grade renewable energy or waste heat in high temperature district heating

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-CET-HEATPUMPS - Accelerating deployment and affordability of heat pumps through collective purchase actions and procurement

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

LIFE-2022-CET-MAINSTREAM - Mainstreaming sustainable energy investments in the financial sector

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-CET-FINROUND - National Finance Roundtables for sustainable energy investments

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

LIFE-2022-CET-INNOFIN - Innovative financing schemes for sustainable energy investments

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-CET-HOMERENO - Integrated Home Renovation Services

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

LIFE-2022-CET-RENOPUB - Setting up facilitation structures to accelerate the renovation wave in the public sector

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-CET-PDA - Project Development Assistance for sustainable energy investments

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

LIFE-2022-CET-ENERPOV - Addressing building related interventions in vulnerable districts

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-CET-ENERCOM - Developing support mechanisms for energy communities

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects..

CEF Energy 2022 - Call for Preparatory Studies for Cross-border Renewable Energy Projects

Description

The 2022 CEF Energy call for proposals for preparatory studies for cross-border renewable energy projects will make €1 million available to support both EU Member States and private project promoters in selecting the best project concept and setting up the cooperation agreement.

That way, the call allows for projects to be supported before being included in the Union list of cross-border RES projects.



European Union Funding Programms Calls for proposal

LIFE-2022-STRAT-NAT-SNAP-two-stage - Strategic Nature Projects (SNAP)

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

LIFE-2022-STRAT-ENV-SIP-two-stage Strategic Integrated Projects - Environment (SIP)

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals.

This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.



European Union Funding Programms Calls for proposal

LIFE-2022-STRAT-CLIMA-SIP-two-stage Strategic Integrated Projects – Climate Action (SIP)

Description

Commission has launched on 17 May 2022 the LIFE Programme Calls for proposals. This year, there is €598 million available for nature conservation, environmental protection, climate action, and clean energy transition projects.

Just Transition Mechanism Public Sector Loan Facility call for proposals

Description

The Public Sector Loan Facility (PSLF) is the third pillar of the Just Transition Mechanism. It supports projects addressing the challenges deriving from the transition to the European Union's climate target objectives in the territories most negatively affected by the climate transition as identified in the previously approved Territorial Just Transition Plans.

PSLF is a blending instrument combining grants up to EUR 1.525 billion from the EU budget with loans up to EUR 10 billion from the European Investment Bank, and aiming to mobilise around EUR 18.5 billion of public investments. Successful projects receive a grant from the European Commission and a loan from the European Investment Bank.



A photograph of a row of greenhouses in a field, with a quote overlaid in the center. The greenhouses are covered in a translucent material and are arranged in a long line. The background shows some trees and a clear sky. The quote is in a bold, yellow font.

"Businesses have an important role to play in the fight against climate change."

THANK YOU



+30 211 215 5988



info@ependysis.eu



13 Filadelfeias str, Nea Smyrni, Greece



www.eependysis.eu