





# Business4Climate Επιχειρώ για το Κλίμα


Businesses commit  
for climate action

Networking Breakfast  
19 December 2018  
Nicosia

On behalf of:  
 Federal Ministry  
for the Environment, Nature Conservation  
and Nuclear Safety  
of the Federal Republic of Germany



 Climate-KIC is supported by the  
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**BUSINESS  
LEADERSHIP  
ON  
CLIMATE ACTION**

# BEST EXAMPLE

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**AUSTRIAN SUPPORT FOR  
CLIMATE ACTION**



# PROGRAMME KLIMAAKTIV - AUSTRIA

- The Environmental Aid Act (UFG) provides the general support of schemes to protect the environment. The UFG is divided into several fields of action; incentives to produce and use energy from RES in the heating and cooling sectors, transport, waste etc.
- An annual budget of a maximum **€ 90.238 million between 2009-2020** is granted for different purposes of environmental assistance by the Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management.

# WASTE HEAT RECOVERY

- Grants for waste heat recovery will be provided to all companies and other entrepreneurial organizations. In addition, clubs and institutions can also be beneficiaries.
- Eligible projects:
  - Installations for the extraction of waste heat from industrial and commercial processes.
  - Feed-in of waste heat into existing or new local and district heating networks by means of a transport line and distribution centres.
  - Distribution grids with transfer stations.
  - Heat pumps for the central temperature increase of waste heat for heating purposes.
  - Low-temperature or power grids with consumer-side heat pumps to harness the waste heat.
- Depending on the type of installation, the subsidy is **up to 35% of the eligible investment costs**.
- Moreover, the subsidy can be **increased by 5 % if the company is certified with EMAS**.



## PURCHASE OF ELECTRIC BICYCLES, ELECTRIC TRANSPORT WHEELS AND TRANSPORT WHEELS

- Available grant for the purposes of purchase of electric bicycles and electric transport wheels, which are operated exclusively with electricity from renewable energy sources.
- The funding is **€ 100 per electric bicycle, € 250 per electric transport and € 200 per Transport wheel.**
- The maximum amount of grant is **30%**.



## PROMOTION CAMPAIGN FOR ELECTRIC CARS FOR COMPANIES

- Passenger cars with electric, fuel cell and plug-in hybrid drives as well as range extenders will be supported with funding in the framework of a budgetary and time-limited promotion campaign. Registrations can be made up to 31.12.2018, depending on the available budget resources. After registration, the application can be submitted within 24 weeks.
- Funding is provided to all companies and other entrepreneurial organizations. In addition, public authorities, associations and institutions may also submit applications.
- Amount of subsidy:
  - **€ 1.500 per vehicle for pure electric and fuel cell vehicles** or
  - **€ 750 per vehicle for Plug-In-Hybrid vehicles as well as Range Extender.**



# DEVELOPMENT OF ELECTROMOBILITY IN AUSTRIA

- Funding is provided to all organizations or companies that can contribute to the further development of electromobility in Austria within the scope of the call for tenders are eligible to participate.
- Based on previous experience and findings, the Climate and Energy Fund has promoted electromobility in 2018 and continued to significantly accelerate the market penetration of electromobility through targeted awareness-raising and market-entry measures. Therefore, the sole topic of the call for proposals is awareness raising and measures to speed up the market launch. Thus, projects are to be commissioned that can contribute to the further development of electromobility in Austria within the meaning of the subject of the tender. The projects in 2018 have to go beyond small-regional projects and, if possible, address the whole of Austria.
- **Budget: 0,5 million euros. Shared budget: 150.000 euros are exclusively for "small" projects with a cost size of up to max. € 30.000 including VAT. The remaining budget will be provided for "big" projects with a maximum cost size of up to €75.000 including VAT can be used.**



## THERMAL TREATMENT OF WASTE, SUBSTITUTION OF FOSSIL FUELS, FERMENTATION

- Funding for the energy use of biogenic raw materials and residues will be provided to all companies and other entrepreneurial organizations. In addition, clubs and denominations can also submit.
- The thermal treatment of waste of biogenic origin and the substitution of fossil fuels by secondary fuels with biogenic content are subsidized. This includes:
  - Plants fuelled exclusively with biogenic raw materials and residues.
  - Measures for the substitution of fossil fuels by biogenic raw materials and residues in the proportionate amount of waste of biogenic origin.
  - Fermentation plants (biogas plants) that use biogenic raw materials and residues and do not feed the generated electricity as green electricity.
- The support amounts to **up to 30% of the eligible additional investment costs.**





# ENERGY-EFFICIENT REFRIGERATORS AND FREEZERS

- Funding for energy-efficient refrigerators and freezers will be provided to all companies and other entrepreneurial organizations. In addition, clubs and denominational institutions can also submit.
- The purchase of plug-in, energy-efficient and environmentally friendly refrigerators and freezers for commercial use with integrated, hermetic refrigeration unit.
- The subsidy is granted as a lump sum, depending on the device type and it is at **30% of the acquisition cost limited**. The investment costs for a grant application **must amount to at least € 2.000**.



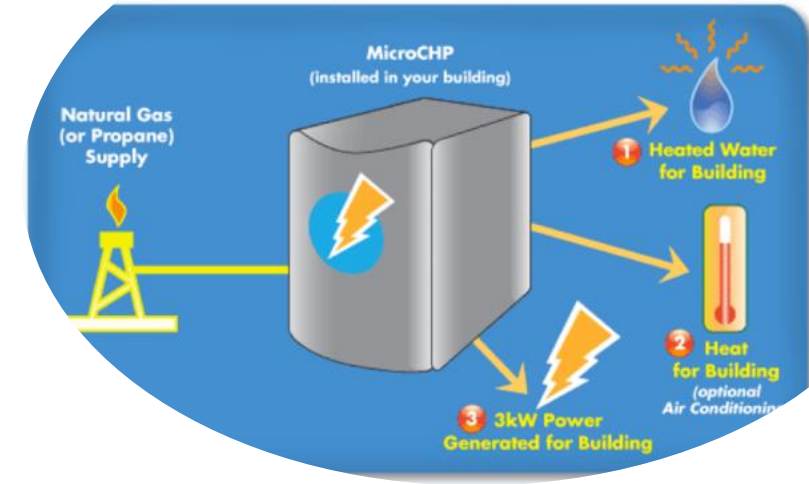


## HEAT RECOVERY, LIGHTING OPTIMIZATION AND EFFICIENT USE OF ENERGY

- Funding for energy saving measures will be provided to all companies and other entrepreneurial organizations, including clubs and denominational institutions.
- Eligible projects for funding:
  - Heat recovery of refrigeration systems and ventilation systems
  - other types of heat recovery or use of previously unused heat flows and heat pumps for the development of low-temperature waste heat
  - the optimization of heating systems in existing buildings with at least 10% energy savings
  - the optimization of fossil process heat generators
  - the optimization of outdoor lighting
  - the optimization of lighting in existing buildings by installing ballasts and sensor-controlled control with at least 10% energy savings
  - Increasing the efficiency of industrial processes and plants with a significant technological and environmental difference to the existing plant
- The funding is up to **35% of the eligible investment costs.**

# CHP PLANTS BASED ON NATURAL GAS OR LPG

- Natural gas cogeneration funding will be provided to all companies and other entrepreneurial organizations, , including clubs and denominational institutions.
- Highly efficient combined heat and power plants based on natural gas or LPG for the combined generation of electricity and heat will be supported. The generated heat should cover the existing heat demand up to a size of 100kW el and the produced electricity has to be used predominantly in-house.
- The funding is up to **30% of the eligible investment costs.**



# VEHICLES FOR PASSENGER TRANSPORT AND FREIGHT TRANSPORT

- Promotional vehicles for passenger or freight vehicles with alternative propulsion will be provided to all companies and other entrepreneurial organizations. In addition, public authorities, associations and denominational institutions may also submit applications.
- The purchase and conversion of vehicles for passenger transport with  $\leq 5$  tonnes (except vehicles with electric drive) or for the transport of goods for vehicles with up to 2,5 tonnes and for vehicles  $> 2,5$  to  $\leq 3,5$  tonnes maximum permissible weight with biogas are subsidized.
- Biodiesel, vegetable oil and super ethanol drive. The share of biofuel must be at least 50% of the annual amount of fuel. Full hybrid drive Diesel powered vehicles are excluded.
- Depending on the vehicle class and the type of drive, the subsidy amounts to **€ 200 to € 2.000** per vehicle, it is paid out as a non-repayable grant and it is limited to 30% of the cost of purchase.



# CONDITIONING AND COOLING ADSORPTION, ABSORPTION CHILLERS, FREE COOLING SYSTEMS, PROCESS REFRIGERATION SYSTEMS

- Funding for air conditioning and cooling will be provided to all companies and other entrepreneurial organizations. In addition, clubs and denominational institutions can also be beneficiaries.
- Facilities for the air conditioning of operational buildings and facilities for the provision of process refrigeration are funded.
  - Adsorption and absorption chillers with drive energy from renewable energy sources or from industrial waste heat or district heating
  - Free cooling systems (e.g. based on ground, river or well water)
  - Process refrigeration systems using alternative refrigerants (such as CO<sub>2</sub>, ammonia, propane, ...) as well as refrigerants with a GWP up to 150
  - Replacement or optimization of process refrigeration systems using refrigerants with a GWP between 150 and 1.500.
- The support amounts to up to **35% of the eligible investment costs.**



# LED SYSTEMS AND LIGHTING CONTROL SYSTEMS

- In-house funding for LED systems will be provided to all companies and other entrepreneurial organizations. In addition, clubs and institutions can also submit.
- The subsidized LED systems with a minimum connected load of 500 watts are used to illuminate operational existing buildings. Prerequisite is the replacement of conventional luminaires on LED systems. With the simultaneous installation of a lighting control system, there is also a bonus.
- The subsidy is **€ 600 / kW of connected load**. With simultaneous implementation of a lighting control can a Bonus of **€ 100 / kW** connection power will be awarded. The promotion is considered a non-repayable grant and is limited to 30% of the investment costs.



# OPERATIONAL BUILDINGS IN ENERGY-EFFICIENT CONSTRUCTION

- Funding for new buildings with energy-efficient design will be provided to all companies and other entrepreneurial organizations. In addition, clubs and denominational institutions can also submit.
- The new building will be used to support buildings in energy-efficient construction, which are considerably lower than the requirements of the EPB Directive.

Examples of eligible project parts:

- Insulation of the thermal envelope
  - Windows and exterior doors
  - external shading systems
  - Heat recovery systems for ventilation systems
  - associated work
- The subsidy is dependent on the failure of the OIB requirements for heating demand and **is up to 30% of the eligible investment costs**



# HEAT PUMPS FOR SPACE HEATING AND HOT WATER

- Funding for electrically powered heat pumps will be provided to all companies and other entrepreneurial organizations. In addition, clubs and denominational institutions can also submit.
- It will promote heat pumps to provide heating and / or hot water. For heat pumps, which are also used for cooling, not the entire investment costs can be promoted, but only those costs that can be attributed to the heating operation.
- The support amounts to up to 20% of the eligible additional investment costs.





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**BULGARIA - ENERGY  
EFFICIENCY AND  
RENEWABLE SOURCES  
FUND (EERSF)**



# ENERGY EFFICIENCY AND RENEWABLE SOURCES FUND (EERSF)



- Facilitates Energy Efficiency Investments
- Pursues Substantial Reduction of Greenhouse Gases
- Promotes the Development of a Working Energy Efficiency Market in Bulgaria

The Energy Efficiency and Renewable Sources Fund (EERSF) was established through the Energy Efficiency Act adopted by the Bulgarian Parliament in February 2004. The initial capitalization of EERSF is entirely with grant funds, its major donors being: the Global Environment Facility through the International Bank for Reconstruction and Development (the World Bank) – USD 10 million; the Government of Austria – Euro 1,5 million; the Government of Bulgaria – Euro 1,5 million and several private Bulgarian companies.

# ENERGY EFFICIENCY AND RENEWABLE SOURCES FUND (EERSF)



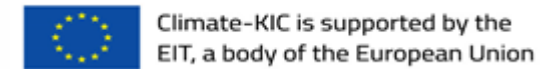
- EERSF has the combined capacity of a lending institution, a credit guarantee facility and a consulting company. It provides technical assistance to Bulgarian enterprises, municipalities and private individuals in developing energy efficiency investment projects and then assists their financing, co-financing or plays the role of guarantor in front of other financing institutions.
- The underlying principle of EERSF's operations is a public-private partnership. The Fund pursues an agenda fully supported by the Government of Bulgaria, but it is structured as an independent legal entity, separate from any governmental, municipal and private agency or institution.
- Summarised and up-to-date information regarding EERSF operation, activities and projects you will find in ["Case Studies"](#)



On behalf of:



of the Federal Republic of Germany



# THANK YOU



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