Ukrgasbank green transformation
OUR MISSION – to drive eco-transformation in Ukraine and promote sustainable development, including resource efficiency, renewable energy and environmental protection.

UKRGASBANK – No.1 eco-bank in UKRAINE

- 14% of renewable energy facilities in Ukraine were financed by Ukrgasbank.
- The only bank in Ukraine with its own technical office for green projects.

At a glance

Positive impact on the environment emission reduction:
- Carbon dioxide: 1,4 mln tons
- Nitrogen oxide: 0,84 mln m³
- Hard particles: 50 mg/m³**

* cumulative, since the launch of “green” project, as of Jan. 2021

** as a result of the installation of treatment facilities at PISC "Zaporizhstal"
Beginning of cooperation with IFC
Ecological Projects Department established

Membership in Carbon Pricing Leadership Coalition (CPLC)

ESRM introduced at the Bank
Environmental and Social Risk Management Division established

Joining the United Nations Environment Program Finance Initiative (UNEP FI)

Ukrgasbank recognized as an eco-bank at the state-level *

«Affordable loans 5-7-9%» ECO
Government-supported program to boost sustainable development

Launch of the Loan Guarantee Fund for implementing energy management at industrial enterprises in partnership with UNIDO

Loan Facility for SME renewable energy projects

Green loan from IFC with equity conversion option

Loan Facility to promote green financing and help Ukrainian SMEs to recover from COVID-19

* According to SOB strategy
Sustainable green team infrastructure

**SUPERVISORY BOARD**

**CHAIRMAN OF THE MANAGEMENT BOARD**

**MANAGEMENT BOARD**

**Environmental And Social Risks Division (ESRM)**

**ECOLOGICAL PROGRAMS DEVELOPMENT DIVISION**

- Comprehensive evaluation of green projects and providing an opinion if the project can be classified as green;
- Calculation of key environmental indicators;
- Providing expert advisory support to business units on green projects

**UKRAGASBANK IS THE ONLY UKRAINIAN BANK WITH ITS OWN TECHNICAL OFFICE**

**Ecological Projects Department**

**IMPLEMENTATION AND PROMOTION OF ECOLOGICAL PROGRAMS DIVISION**

- Green projects development, implementation monitoring and analysis;
- Planning a green loan portfolio and setting green eligibility criteria;
- Hosting green events and green trainings for employees
We were the pioneers among Ukrainian banks to implement an environmental and social risk management system (ESRM).

According to Policy on Environmental & Social Responsibility, Ukrgasbank:

- Categorizes environmental and social risks
- Is guided by IFC Performance Standards on Environmental and Social Sustainability
- Applies exclusion list to its lending policy

... scan QR-code to find out more
Cost saving and greenhouse gas emissions reduction in 2019 due to implementation of energy efficiency standards in the Bank's offices

In order to reduce electricity consumption, the Bank installed LED lighting, motion sensors, automatic shutdown system for computers, office equipment, ventilation, as well as air conditioners.

**These measures saved 92.3 thousand kWh (including new branches)**

For business trips Bank employees use electric cabs, and the bank's executives use hybrid cars. This allowed the Bank to save more than 26 thousand liters of fuel per year.

The bank has installed 18 charging stations for electric cars adjacent to its branches.

Responsible use of eco-friendly office stationery is more expensive option than the usual (plastic) stationery but as responsible employees of Eco-bank we choose to minimize our negative environmental impact from our activities.
Examples of Environmental Projects at the Bank

Electronic workflow

Usage of eco-friendly household chemistry at the Bank

Solid waste sorting *(paper, plastic, glass)*

Usage of organic waste bags

Used batteries recycling
Eco projects we finance

**ENERGY SAVING**
- Thermal modernization (heat insulation)
- New energy efficient construction *from class B*
- Charging stations for electric vehicles
- Lighting systems
- SMART- control systems
- Energy efficient modernization of equipment
- Reduction of resource consumption
- Environmentally friendly transport

**GREEN ENERGY**
- Solar, wind, hydro power plants
- Biogas installations
- Biomass installations
- Cogeneration plants
- Heat pumps
- Energy storage system

**SUSTAINABILITY**
- Drinking water treatment
- Wastewater treatment
- Air purification
- Organic product
- Waste management
- ISO 14001 / 50001 certification
- Medical equipment
- Disinfection measures
- Medical transport
**COMPLEX THERMAL MODERNIZATION OF RESIDENTIAL BUILDINGS** – energy saving measures (including insulation of walls, roof, replacement of multiple glass units and doors)

**Result:** reduction of heat loss and improved energy efficiency; heat consumption savings by 15% or more

**HEAT INSULATION** – a component of thermal modernization involving thermal insulation of walls and roofs, improvement of thermal resistance of old buildings

**Result:** reduction of energy consumption by 15% or more

**NEW ENERGY EFFICIENT CONSTRUCTION**

**Result:** reduction of energy consumption; energy efficiency - not lower than class B
INSTALLATION OF CHARGING STATIONS
Result: increasing the share of electric vehicles in the Ukrainian car market

MODERNIZATION OF LIGHTNING SYSTEMS *(installation of motion sensors, replacement of fluorescent lamps with LED lamps, etc.)*
Result: significant reduction of electricity consumption, increase of reliability, safety and efficiency of electric lightning equipment, reduction of equipment repair costs; reduction of electricity consumption by at least 15%

INSTALLATION AND MODERNIZATION OF ECO SMART SYSTEMS
Result: high level automation and robotics at the enterprises allowing to manage technological and production processes
MODERNIZATION OF PRODUCTION EQUIPMENT

Result: reduction of resources consumption compared to existing equipment at least by 15%

MODERNIZATION OF TECHNOLOGICAL PROCESS

Result: reduction of resources consumption per unit produced by at least 15%

REDUCTION OF RESOURCES CONSUMPTION

(electricity, water, fuel, etc)

Result: cost reduction due to optimization of resources consumption by at least 15%

Green projects we finance: Energy efficiency
Green projects we finance: Transport

**MUNICIPAL TRANSPORT OR SPECIAL PURPOSE MOTOR VEHICLES**
(electric buses, trolleybuses, trams and special purpose motor vehicles that use liquefied gas, methane or biodiesel and etc.)

**Transport on ecological fuel** (bio methane, hydrogen)

*Result:* reduction of urban pollution through «environmentally friendly» public transport

**TRANSPORT REPLACEMENT**

*Result:* reduction of air pollution; reduction of fuel consumption or energy costs by at least 15%

- **ELECTRIC VEHICLES (EV), HYBRID CARS (HEV, PHEV)**
- **LPG, CNG, LNG**
- **VEHICLES WITH ENGINE MEETING THE EURO-6 STANDARTS (TIER-4 FOR AGRICULTURAL MACHINERY)**

*Result:* reduction of air pollution
Eco projects we finance: Energy Generation

**SOLAR POWER STATIONS**
Result: generation of «clean», «green» energy to replace fossil fuels: oil, coal, natural gas and reduce CO2 emissions to «0» level

**WIND POWER STATIONS**
Result: generation of «clean», «green» energy from wind to replace fossil fuels: oil, coal, natural gas and reduce CO2 emissions to «0» level

**BIOGAS INSTALLATIONS**
Result: generation of «clean», «green» energy by decomposition of biomass from agricultural lands, solid waste landfills and wastewater to replace fossil fuels: oil, coal, natural gas and reduce CO2 emissions to «0» level
HYDRO-ELECTRIC POWER STATIONS UP TO 10 MW
Result: generation of «clean», «green» energy due to kinetic water energy to replace fossil fuels: oil, coal, natural gas and reduce CO2 emissions to «0» level

BIOMASS INSTALLATIONS (STRAW, CORN AND SUNFLOWER WASTE)
Result: generation of «clean», «green» energy from dry plant residues (organics) to replace fossil fuels: oil, coal, natural gas and reduce CO2 emissions to «0» level

COGENERATION INSTALLATIONS
Result: improved efficiency (≈ 80%) of electricity and heat generation through optimized fossil fuels use
Green projects we finance: miscellaneous

GEOTHERMAL ENERGY AND HEAT PUMPS
Result: generation of «clean», «green» energy from earth to replace fossil fuels: oil, coal, natural gas and reduce CO2 emissions to «0» level

ELECTRICITY STORAGE SYSTEMS
Result: accumulation of generated electricity and ensuring continuity of power supply
MEDICAL EQUIPMENT AND DIAGNOSTIC AIDS
Result: financing purchasing modern medical equipment in order to provide people with effective and high quality medical care
Eligibility: evidence-based medicine projects

DESINFECTION MEASURES AND SANITARY-EPIDEMIOLOGICAL TREATMENT
Result: effective measures to reduce the spread of virus diseases

MEDICAL TRANSPORT
Result: vehicles with modern medical equipment to provide emergency medical assistance
FILTRATION EQUIPMENT (AIR PURIFICATION)
Result: reduction pollution emissions to the atmosphere, mitigation of negative impact on public health

WASTE COLLECTION AND DISPOSAL
Result: proper handling of hazardous wastes helps to avoid negative impact on environment and human health

IMPLEMENTATION OF ENERGY MANAGEMENT SYSTEM ACCORDING TO ISO 14001/50001 STANDART
Result: certification of enterprises according to international standards helps to reduce costs and comply strict international standards
Green projects we finance: Sustainable projects

**DRINKING WATER TREATMENT**

Result: clean drinking water is one of the key elements of healthy human existence

**WASTEWATER TREATMENT**

Result: wastewater treatment allows returning clean water to the ecosystem and its repeated use

**PRODUCTION OF ECO-FRIENDLY (ORGANIC) FOOD PRODUCTS**

Result: effective ecosystem management without the use of external agricultural resources (pesticides)