



EU4Energy



10th Anniversary
Covenant of Mayors
for Climate & Energy
Eastern Partnership

10th Anniversary of the covenant of mayors in the eastern partnership region **Ukraine Energy Efficiency Fund**

Ehor Farenjuk, CEO of the EE Fund, Ukraine



Energy
Efficiency Fund



EU4Energy

Who are we?



- The Energy Efficiency Fund

- The Energy Efficiency Fund is a state institution that provides tools for the renovation of multi apartment buildings of HOAs (homeowners' associations).
- The founder of the EE Fund is the Ukrainian state.
- The EE Fund provides grants for Ukrainian HOAs for implementing comprehensive technical solutions for enhancement of buildings' energy efficiency
- The EE Fund is an effective tool that motivates people to save energy and reduces their financial burden on energy-efficient measures.
- The EU and the German government supports the Fund's activities.





EU4Energy

The EE fund's activities



The Fund was established in 2018, based on an analysis of previous European experience and on the example of similar EU institutions (e.g. Poland, Lithuania and Croatia).

- The Fund plans and implements its activities taking into account
 - National Energy Efficiency Action Plans
 - Reduction of carbon dioxide emissions
 - Implementation of the *acquis communautaire* of the European Union and the Treaty Establishing the Energy Community
 - Ensuring Ukraine's compliance with international obligations in energy efficiency.



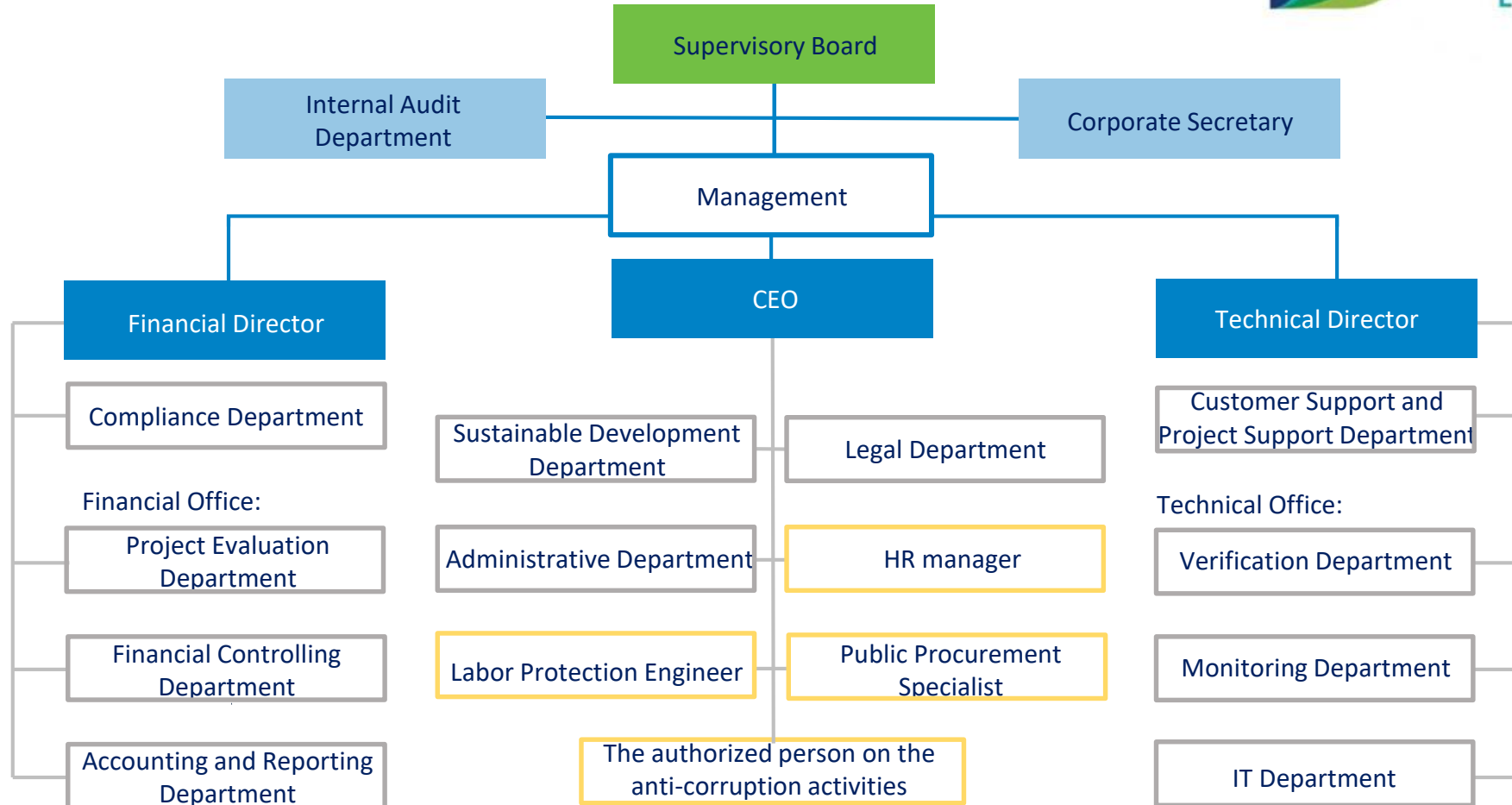


EU4Energy

Organizational structure of the EE Fund

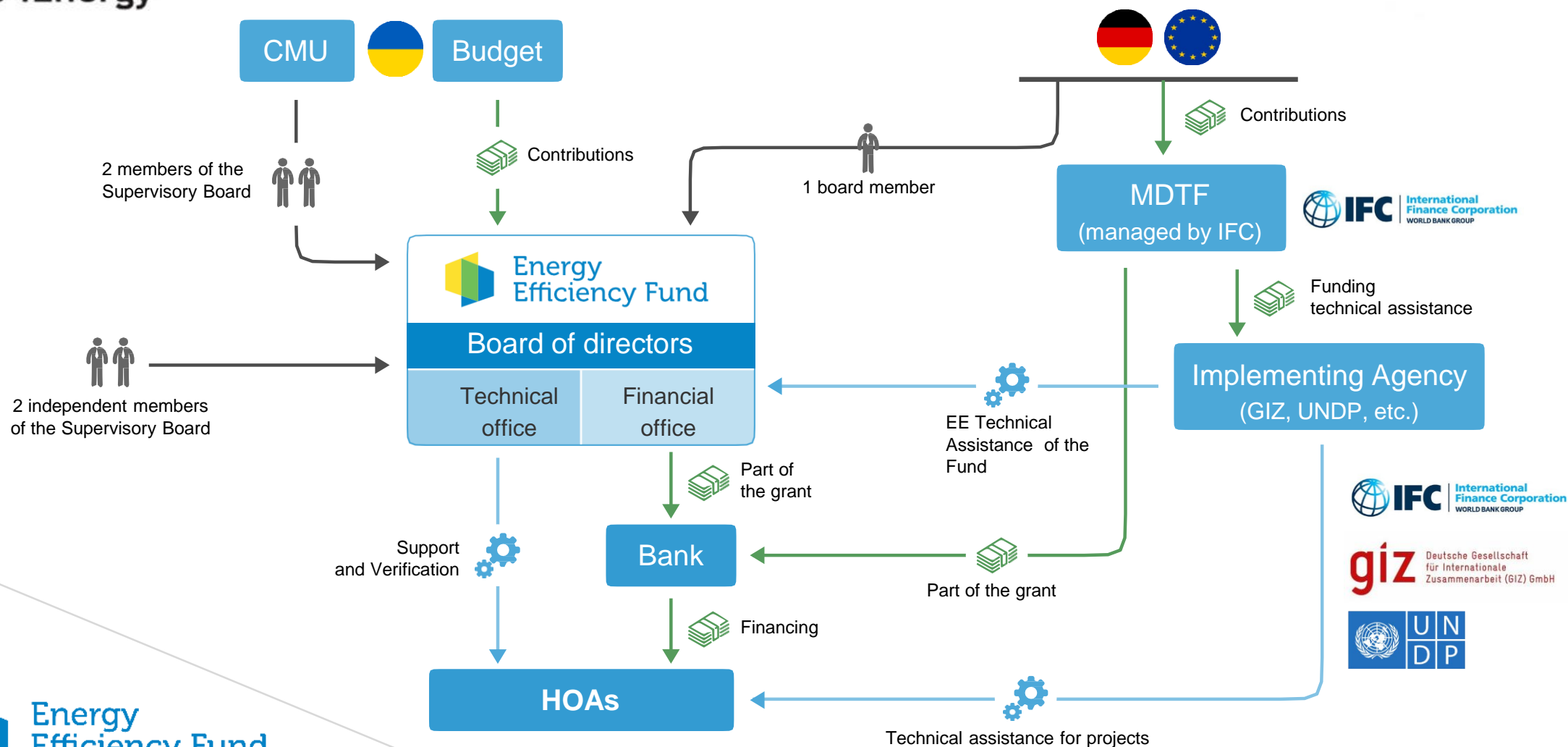


Total number
of employees:
60 staff units





Transparency is a key priority





EU4Energy

Support and financing of previous projects of the EE Fund



Sources of Funding

(Financing of the Fund's programs):



the Ukrainian
state budget



Financial support from
the EU and the German
government.

Expert consultation & technical support of the Fund



International
Finance
Corporation (IFC)



Deutsche
Gesellschaft für
Internationale
Zusammenarbeit
(GIZ)



United Nations
Development
Program (UNDP)





EU4Energy

ENERGODIM Program



- **ENERGODIM is a grant program for the associations of co-owners of multi-apartment buildings (HOAs) with a partial non-rotary compensation for energy efficiency measures in multi-apartment buildings – up to 70% of the cost of the projects.**

Benefits of the Program:

- Decreasing the cost public utilities pricing
- Increasing the comfort of accommodation in the apartment, its cost
- Reducing the costs for repair of the house & service life extension
- Reducing energy consumption & caring about the environment

From the Program beginning:

- 82 thousand participants
- About 900 applications are submitted from the HOAs
- 4,8 billion UAH = approximate amount of grants to be received by the HOAs.



Energy
Efficiency Fund



EU4Energy

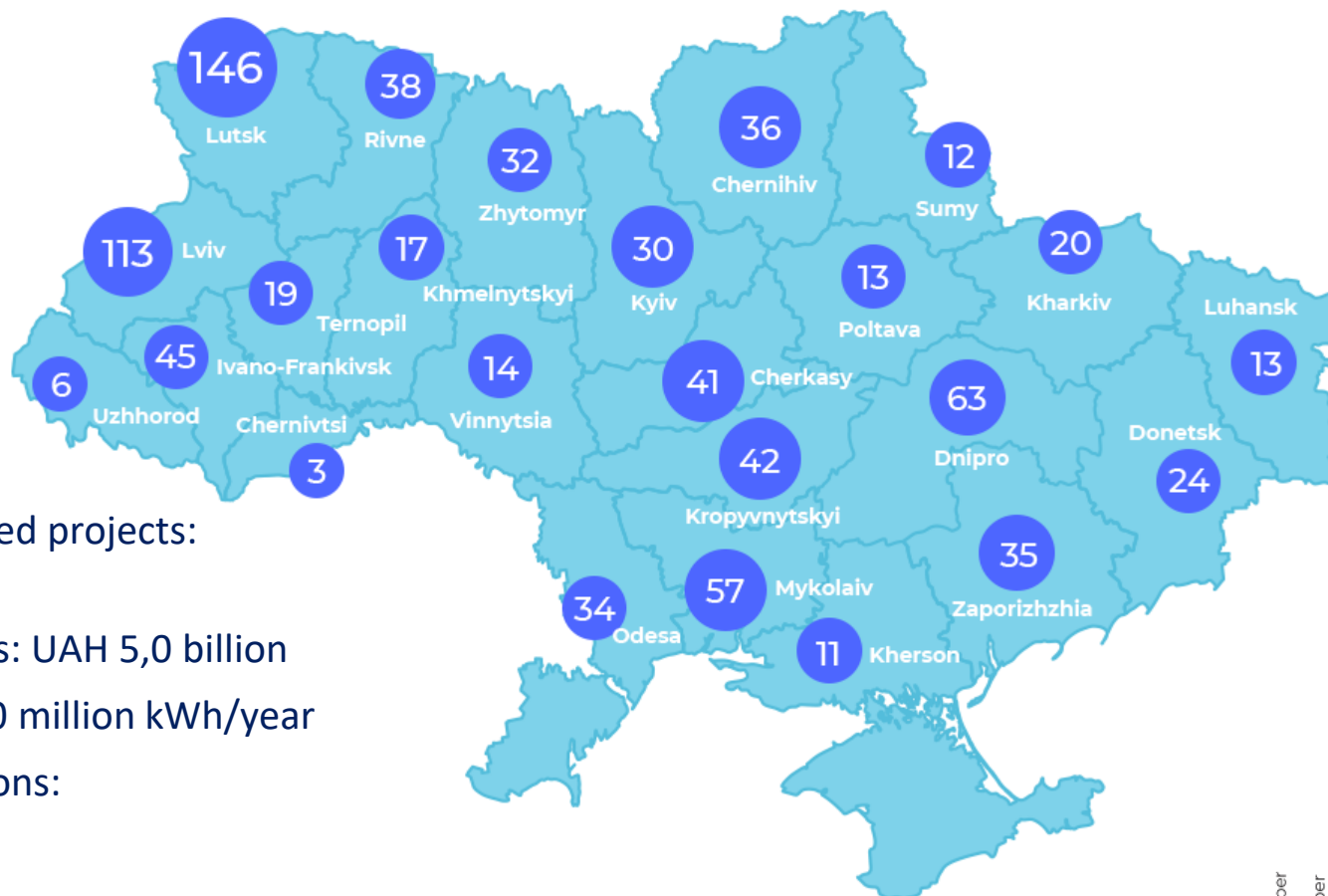


Participants:
82 162

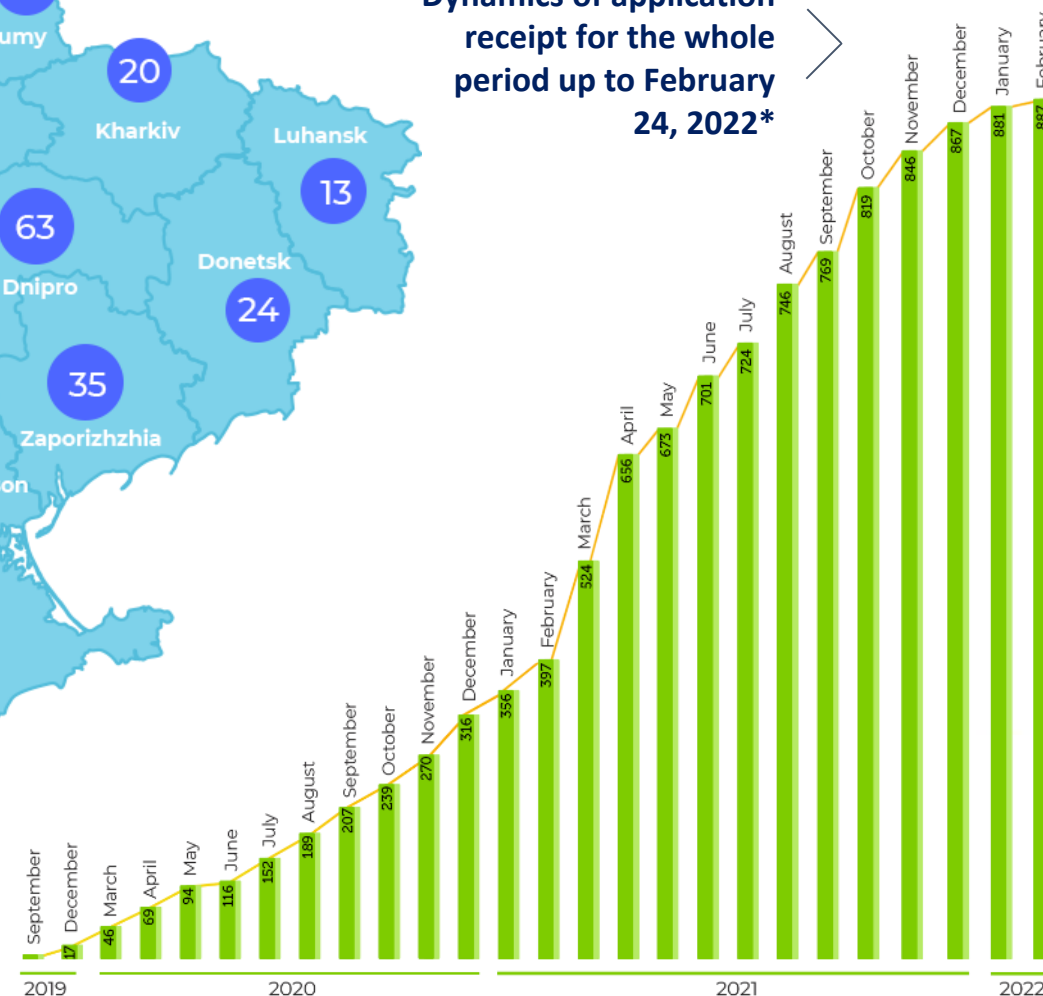
864 Total Number
of Projects

- Total cost of submitted projects:
UAH 8,0 billion
- The amount of grants: UAH 5,0 billion
- Energy savings: 437,0 million kWh/year
- Avoided CO2 emissions:
115,9 tons/year

The EE fund's achievements



Dynamics of application
receipt for the whole
period up to February
24, 2022*



*During the period of the military condition, the acceptance of new applications for participation in the program is temporarily suspended



Energy
Efficiency Fund



EU4Energy

EE Fund's activity results of during the period of the military condition



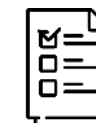
65
Completed
(verified) projects



77
Projects partially completed
construction works



Total indicators*:
UAH 449,2 million
the EE Fund
compensated the
HOAs



238/237 applications
for verification for
compensation of
partially or fully
completed works
(received/approved)

* As of November 25, 2022

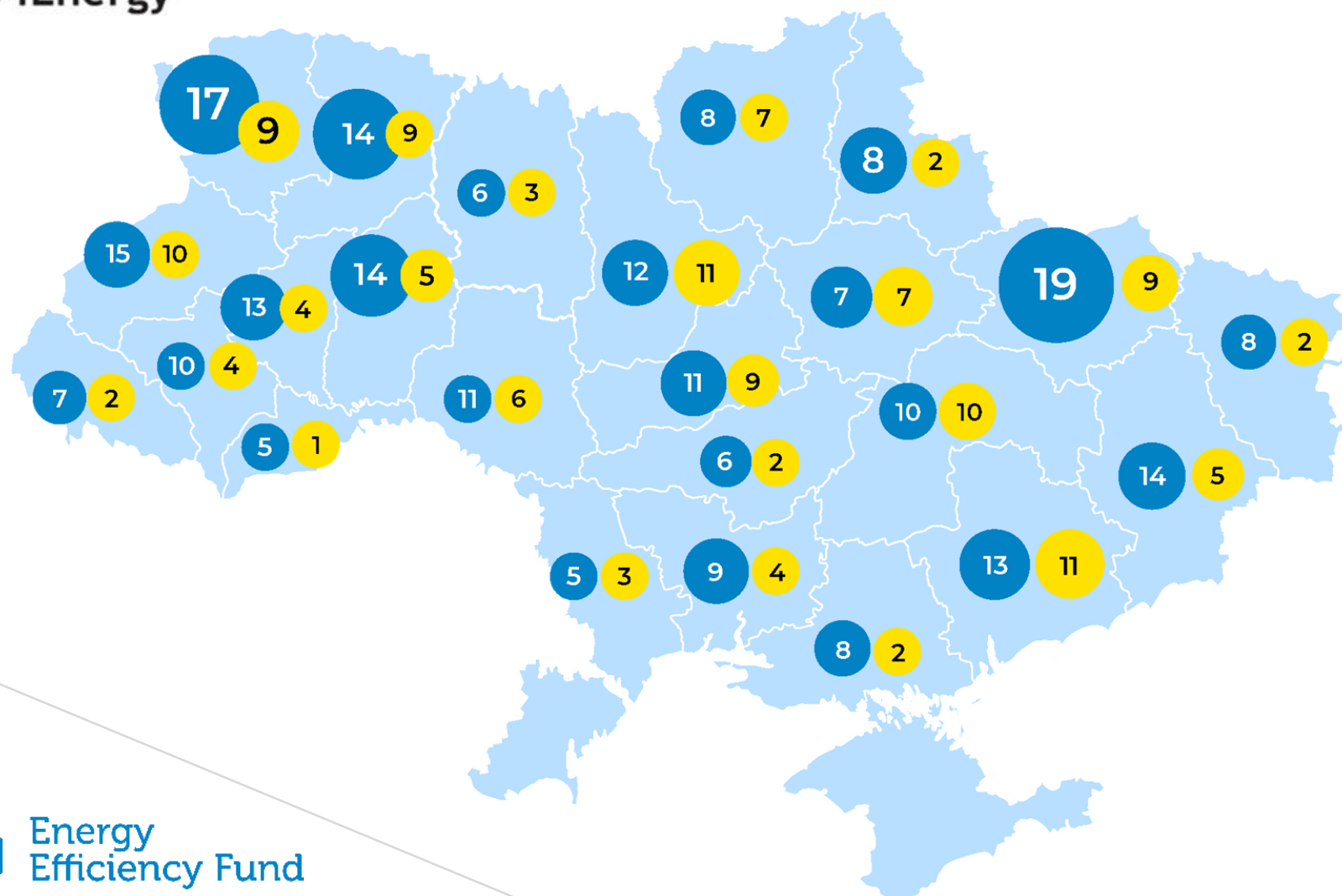


Energy
Efficiency Fund



EU4Energy

Cooperation with local authorities



251 Memorandums on cooperation

137 Municipal support programs approved with financing for the over UAH 160 millions



EU4Energy

Implemented projects under the ENERGOPIM program



Energy
Efficiency Fund



EU4Energy

Cherkasy city, HOA «Diushyna 143» «Comprehensive» package



- Total project value - UAH 2,1 million
- EE Fund contribution - UAH 1,5 million or 70%
- HOA contribution – more than UAH 620 thousand
- Cost of works - UAH 861/m² or UAH 52 thousand for an apartment with an area of 60 sq/m².
- Avoid CO₂ emissions – 20,7 tons/year.
- Estimated savings for co-owners: above 94,700 KW·hour/year or UAH 115 thousand/year (about UAH 9,700 /per apartment)
- Reduction of energy consumption- by almost 46,5%



Energy efficiency measures implemented:

- Installation of individual heating points (IHP)
- Thermal insulation of pipelines of the internal heat supply system in unheated rooms
- Hydraulic balancing of the heating system
- Thermal insulation of external walls
- Thermal insulation of roofs



EU4Energy

Mykolaiv city, HOA «Komunar-3» «Comprehensive» package



- Total project value– UAH 9 million
- EE Fund contribution UAH 6,3 million
- HOA contribution – UAH 2,7 million
- Cost of works -UAH 680.8/m² or UAH 48.8 thousand for an apartment with an area of 60 sq/m².
- Avoid CO₂ emission – more than UAH 478,970 thousand kWh/year or 610 thousand UAH/year (or about 7.7 thousand UAH per apartment)
- Reduction of energy consumption- almost 50%.
- The declared annual reduction of CO₂ emissions - 96 tons/year

Energy efficiency measures implemented:



- Hydraulic balancing of the heating system
- Thermal insulation of external walls and walls below the ground
- Replacement of external doors and installation of tambours
- Installation of heat energy distribution metering units
- Installation of automatic air temperature regulators in the premises
- Thermal insulation of heating system pipelines and/or water heating system devices in apartments
- Replacement of window blocks and balcony blocks



EU4Energy

Mykolaiv city, HOA «Komunar-3» «Comprehensive» package



- Total project value – UAH 14,8 million
- EE Fund contribution - UAH 10,4 million or 70%
- HOA contribution – UAH 4,4 thousand
- Cost of works - UAH 429.7/m² or about UAH 25.8 thousand for an apartment with an area of 60 sq/m².
- Avoid CO₂ emission– 268,7 tons/year.
- Estimated savings for co-owners:
- more than 114.9 thousand kWh/year or 1419.7 thousand UAH/year (about 8.2 thousand UAH per apartment).
- Reduction of energy consumption - over 40,4%.



Energy efficiency measures implemented:

- Installation of a heat meter
- Installation of individual heating points (IHP)
- Thermal insulation of heating and domestic hot water system pipelines in unheated rooms
- Hydraulic balancing of the heating system
- Thermal insulation of external walls and roofs
- Replacement of external doors and installation of tambours
- Replacement or repair of blocks of concrete and blocks of balcony doors in the premises (places) of common use of the building
- Replacement of heating system pipelines and/or water heating system devices in apartments

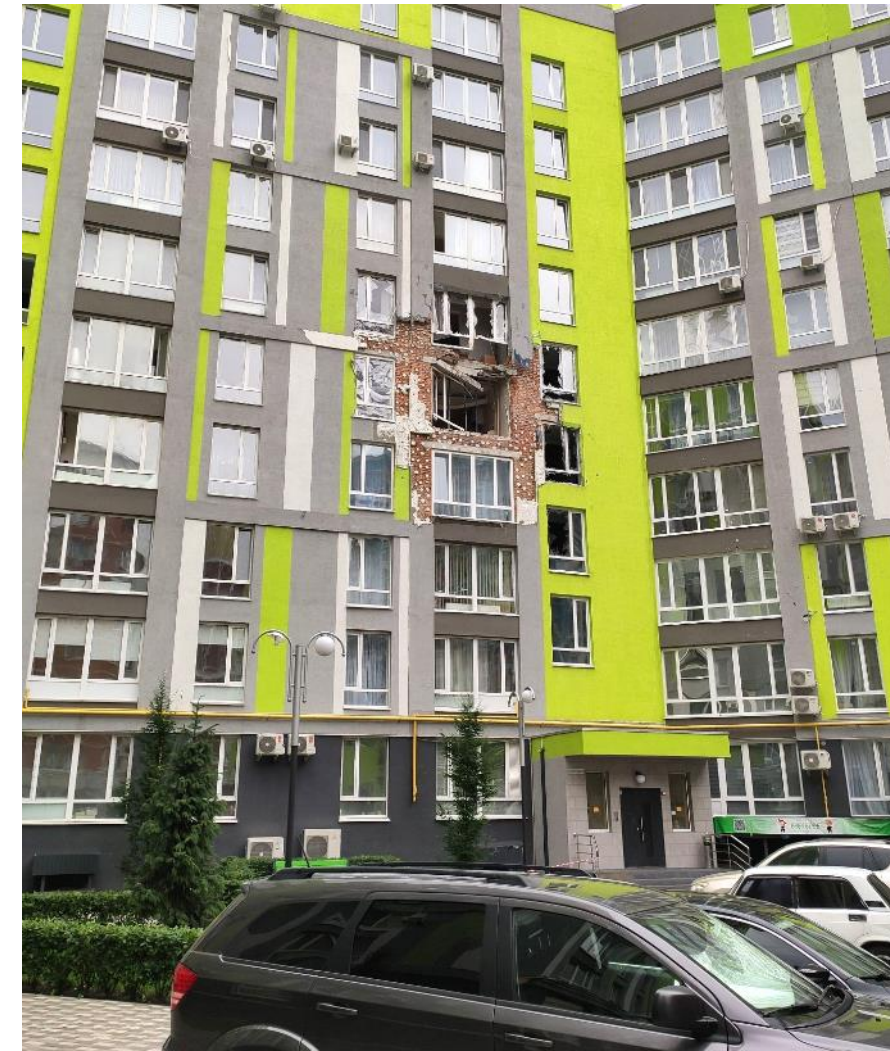


EU4Energy

The VidnovyDIM program is the Energy Efficiency Fund's response to the Ukrainian war emergency



- Since the Russian invasion, more than 11 million Ukrainians have been forced to flee their homes.
 - In June 2022, there were approximately 180,000 apartment buildings in Ukraine. Of these, nearly 13,000 buildings have sustained damage during the war, with damage totalling as much as 13.5 million square feet.
 - The homes of about 3.5 million people are now uninhabitable.





EU4Energy

Ukrainian homes nowadays...



Energy
Efficiency Fund



EU4Energy



Purpose of the Program

financing of construction works for the restoration of residential buildings damaged as a result of the military aggression of the Russian Federation

The EE fund's activities



Program Participants

homeowners' associations (HOAs), created and operating accordingly to the Law of Ukraine "On the association of co-owners of an apartment building"



Validity term

during the period of availability of funds received by the Fund for program financing



List of construction works

the exclusive list of construction works, materials and equipment and their limit costs, for which financing can be obtained, are determined by the decision of the Fund's Directorate and published on the Fund's website



Energy
Efficiency Fund

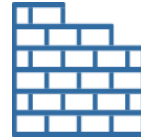


EU4Energy

List of main works subject to compensation



Replacement or repair of damaged window blocks and/or balcony door blocks, entrance doors



Repair of damaged building facades



Repair of damaged building roofing



Repair of damaged equipment of roof boilers and engineering networks



Energy
Efficiency Fund



EU4Energy



Thank you for attention!

More info at

www.eefund.org.ua



Interakcia



UNION OF
COMMUNITIES
OF ARMENIA

NOBLET MEDIA | Eastern Partnership