

26th ENERGY EFFICIENCY COORDINATION GROUP MEETING AND WORKSHOP

Ukraine Energy Efficiency Fund

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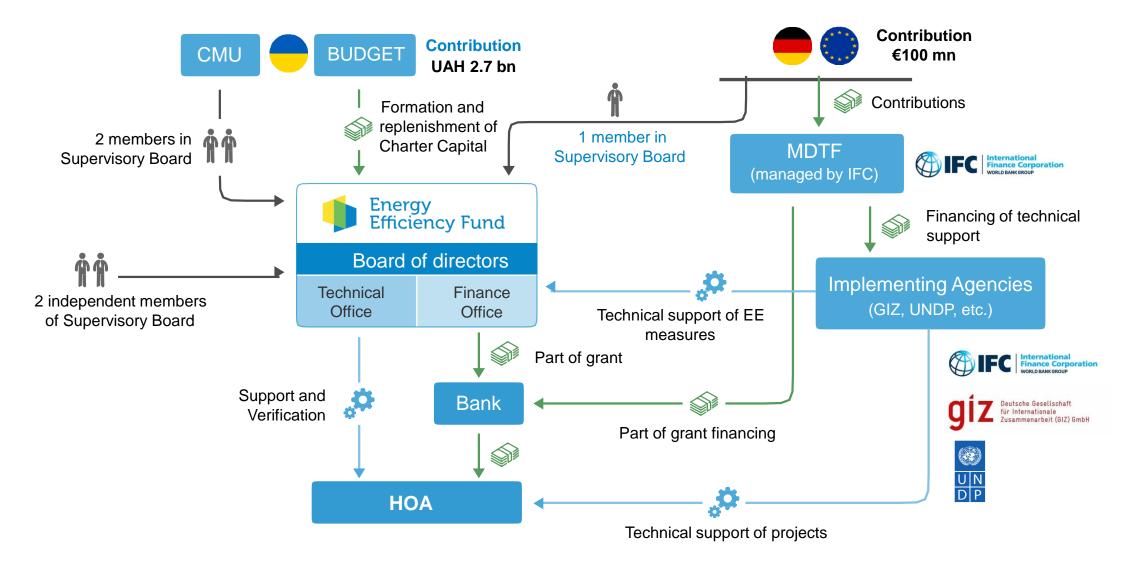






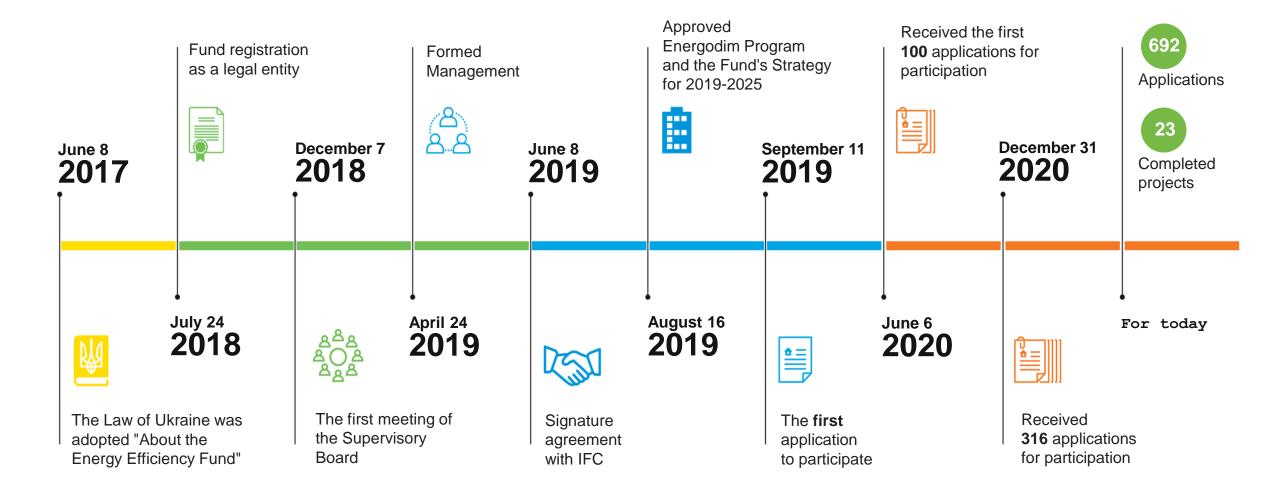


Key stakeholders of EEF



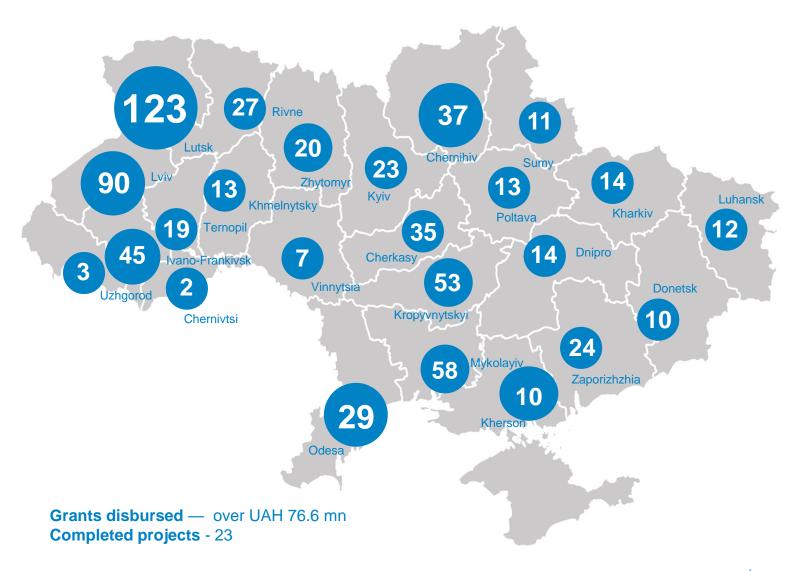


EEF timeline





Key results to date



Applications received: 692

- Package «Light» (A) 123
 Package «Comprehensive» (B) 569
- Project value:UAH 5.4 bn (€166.7 mn)
- Value of grants:UAH 3.5 bn (€108 mn)
- Energy savings:303.8 mn kW*hour/year orUAH 402.6 mn (€12.4 mn)

Declared annual reduction of CO₂ emissions: 80.43 K tons' year

Declared total number of households: 62 K



Alignment with municipalities



EEF assists municipalities with

- Design of standard of local HOA support programs
- Customization of existing local programs
 - Memoranda of cooperation signed
 - 78 Local support programs approved
 - Local programs are accepted as is
 - Communities are in the pipeline for approval



EEF's ambition 2022



GOAL: 2022

To become a client-oriented state institution meeting the client needs through provision of grants and services in accordance with the best international standards in EE

TOP THREE PRIORITIES FOR 2021

- √ Digitalization
- Product and service improvements
- Alignment of the EEF Program with municipal programs

Serving society

Transparency

Professionalism and teamwork

VALUES









Key challenges and solutions



Challenges



Solutions



Next steps

Low capability of HOAs to meet EEF requirements

High cost for HOAs to participate in the Program

Undeveloped construction sector

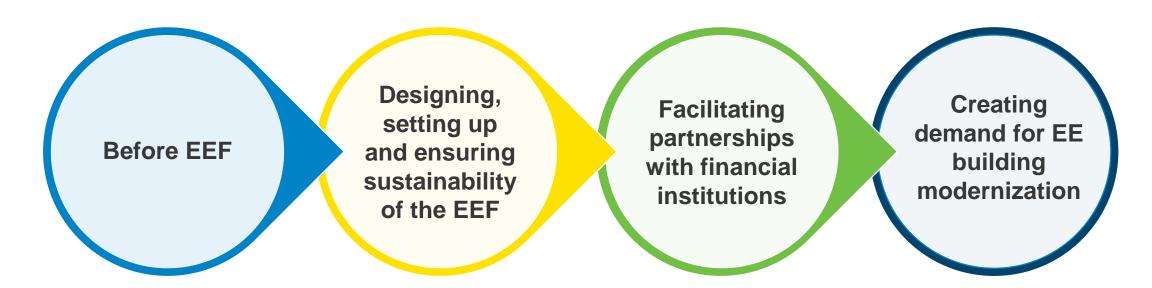
- ✓ Establishment of a client support department
- Introduction of compensation for project management services
- √ Help banks to customize products
- √ Step-by-step verification
- √ Test the approach of disbursing the grant prior to full payment to contractors
- Compilation of standard technical solutions
- ✓ Training for industry participants

- Implementation of an ITplatform to speed-up an application process
- √ Simplification of procedures
- Amendments to the legislation

- Development of standard replicable project designs
- Creation of the marketplace



Energy efficiency in Ukraine: IFC's role



- ✓ Introduced the concept of EE in residential sector in Ukraine
- Supported the Government with legislation, banks with new product
- Supported the design of the fund's operational model, corporate governance and the Program
- ✓ Supported the creation of a new service in the residential EE market
 EE Project Managers
- Ongoing capacity building in various areas

- ✓ Engagement with selected partner banks to align their lending product to home-owner associations with the EEF's Program
- ✓ Network of 30 regional advisors to facilitate the participation of homeowners in the Program
- Country-wide educational & promotional campaign for end-users, media and other stakeholders



Key challenges and lessons learned

Depth (of renovation) and reach

Complex EE modernization is expensive, thus, fewer projects; light-touch renovations are cheaper/quicker, thus many projects – what the policy should be?

Corporate governance in an SOE

✓ Independent supervisory board is the key for ensuring EEF's independent and transparent decision-making.

Energy Efficiency Fund's sustainability

Currently, IFC's network of regional advisors is the de factor EEF's business development arm. What happens when the IFC project ends?

✓ Private sector solution: Creation a market of EE Project Managers as professional EE project facilitators for HOAs to perform the functions of IFC's regional advisors and more.



Schurata 8, Lviv «Comprehensive» package



- ✓ Total project value €174,800
- ✓ EE Fund contribution €122,360
- ✓ Lviv City Council contribution €16,755
- ✓ HOA contribution €35,685
- ✓ Estimated savings for co-owners543,950 kW*hour or€20,000 energy saving
- Avoided CO₂ emissions141.6 tons/year
- Number of co-owners 177
- Number of apartments 76
- Year of construction 1995



Lypy 2, Novoyavorivsk «Comprehensive» package



- 9.0
- ✓ Total project value €126,277
- ✓ EE Fund contribution €88,393
- ✓ Yavorivska district council contribution €33,072
- ✓ HOA contribution **€4,812**
- ✓ Estimated savings for co-owners
 363,900 KW*hour or
 €11,704 energy saving
- Avoided CO₂ emissions64.3 tons/year
- ✓ Number of co-owners **132**
- Number of apartments 54
- Year of construction 1992



Dbaylyva Oselya, Lviv «Comprehensive» package





- √ Total project value €147,324
- ✓ EE Fund contribution €102,224
- ✓ Lviv City Council contribution €12,028
- √ HOA contribution €33,072
- ✓ Estimated savings for co-owners360,700 KW*hour or€13,689 energy saving
- ✓ Avoided CO₂ emissions119.7 tons/year
- ✓ Number of co-owners **133**
- Number of apartments 72
- Year of construction 1976



29 Konyakina, Lutsk, «Comprehensive» package





- ✓ Total project value €147,324
- ✓ EE Fund contribution €103,126
- √ City Council contribution none
- √ HOA contribution €44,198
- ✓ Estimated savings for co-owners260,900 KW*hour or€12 462 energy saving
- ✓ Avoided CO₂ emissions48.71 tons/year
- Number of co-owners 300
- ✓ Number of apartments 72
- Year of construction 1994



www.eefund.org.ua







based on a decision of the German Bundestag







