

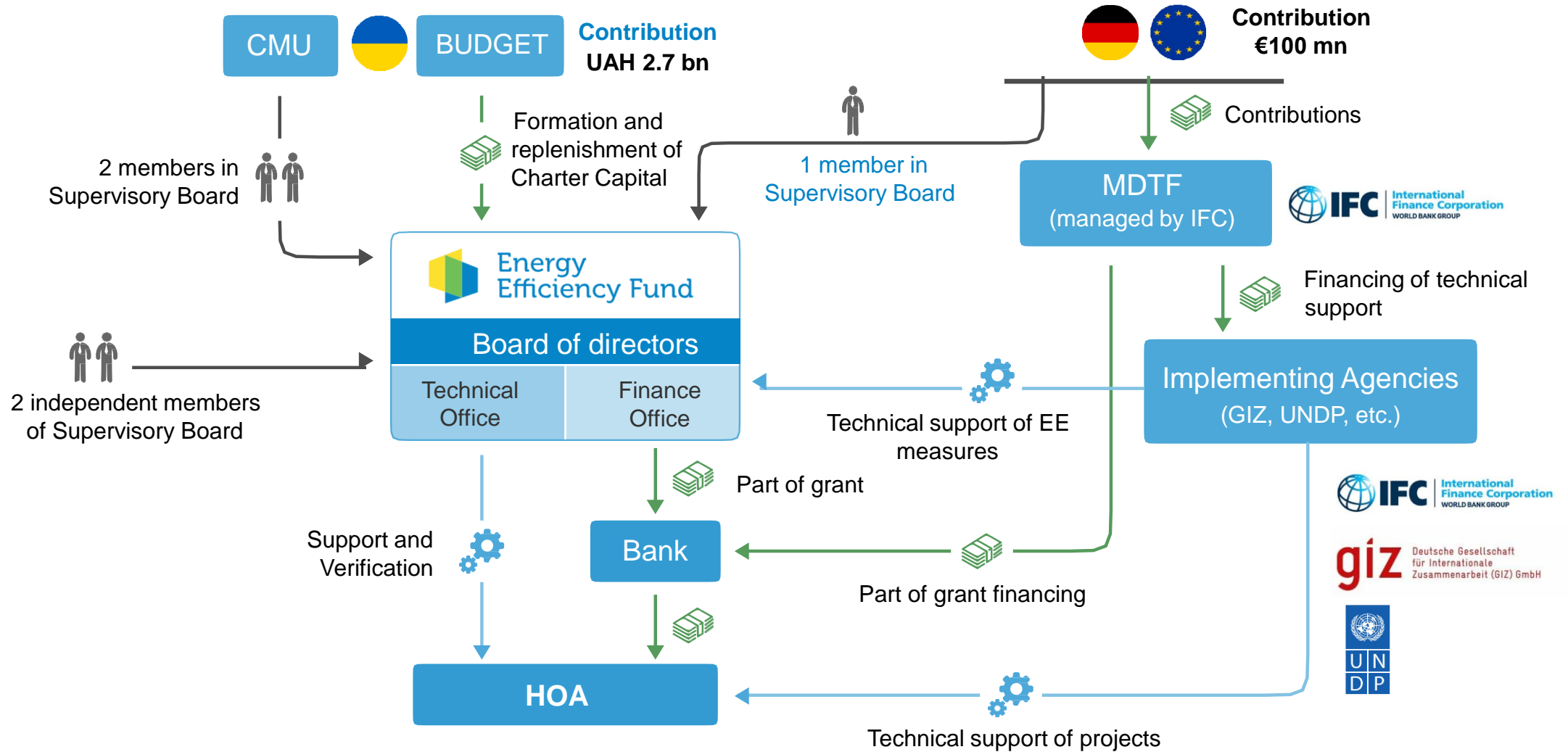
26th ENERGY EFFICIENCY COORDINATION GROUP MEETING AND WORKSHOP

Ukraine Energy Efficiency Fund

Yuliia Holovatiuk-Ungureanu, CEO of the EE Fund, Ukraine

Mai Nguyen, Program Manager, Energy Efficiency for Ukraine, IFC

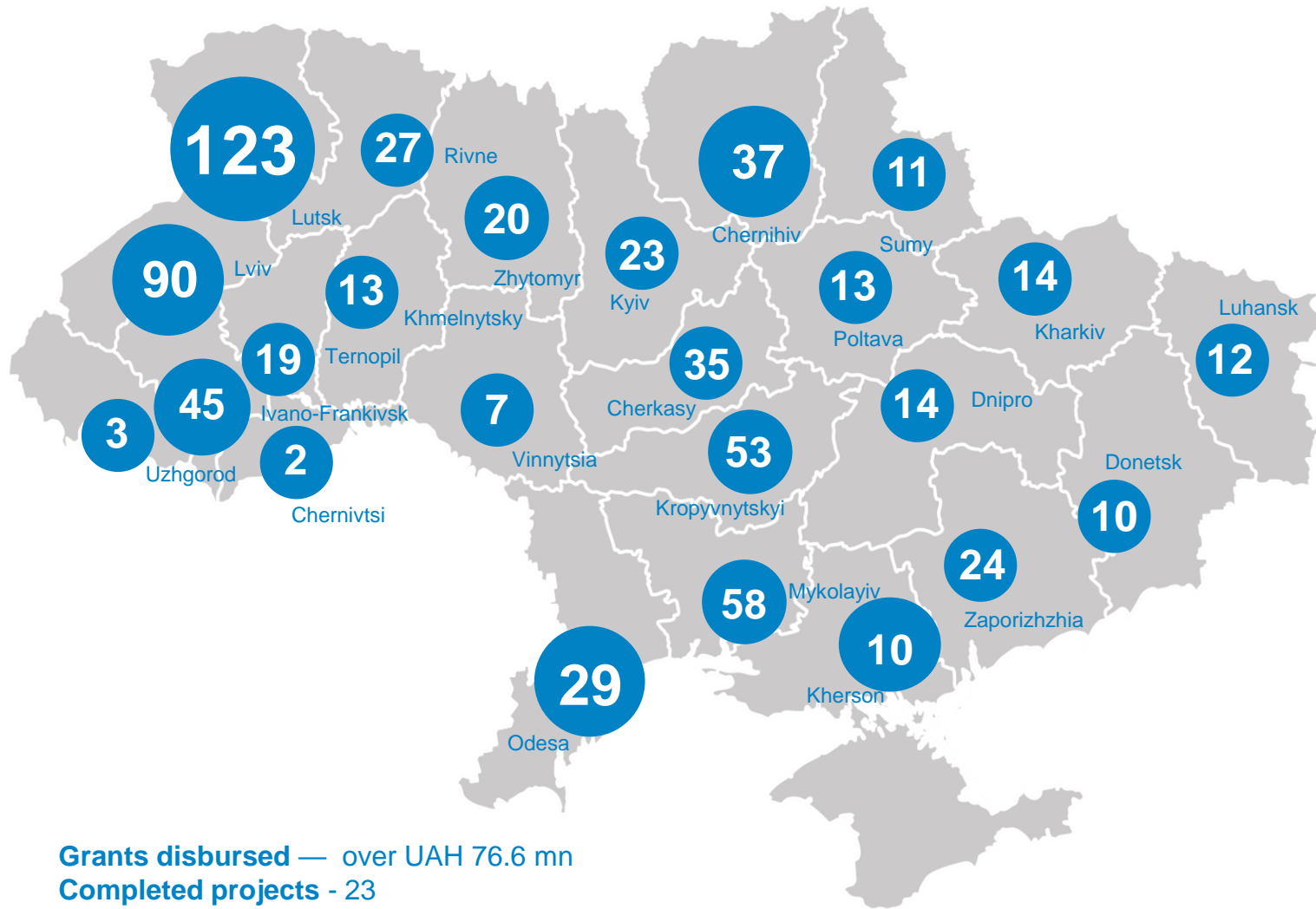
Key stakeholders of EEF



EEF timeline



Key results to date



Grants disbursed — over UAH 76.6 mn
Completed projects - 23

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 or
UAH 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



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

VALUES

Serving society



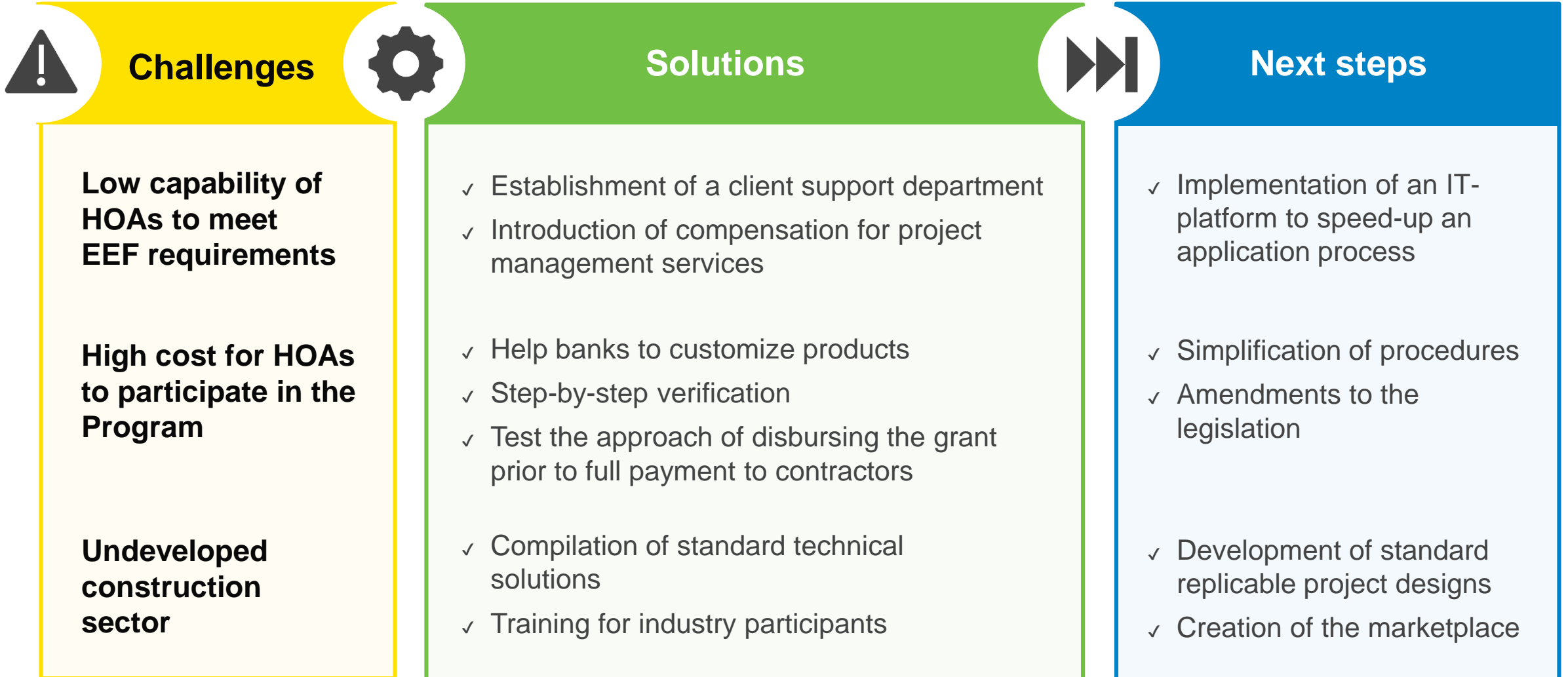
Transparency



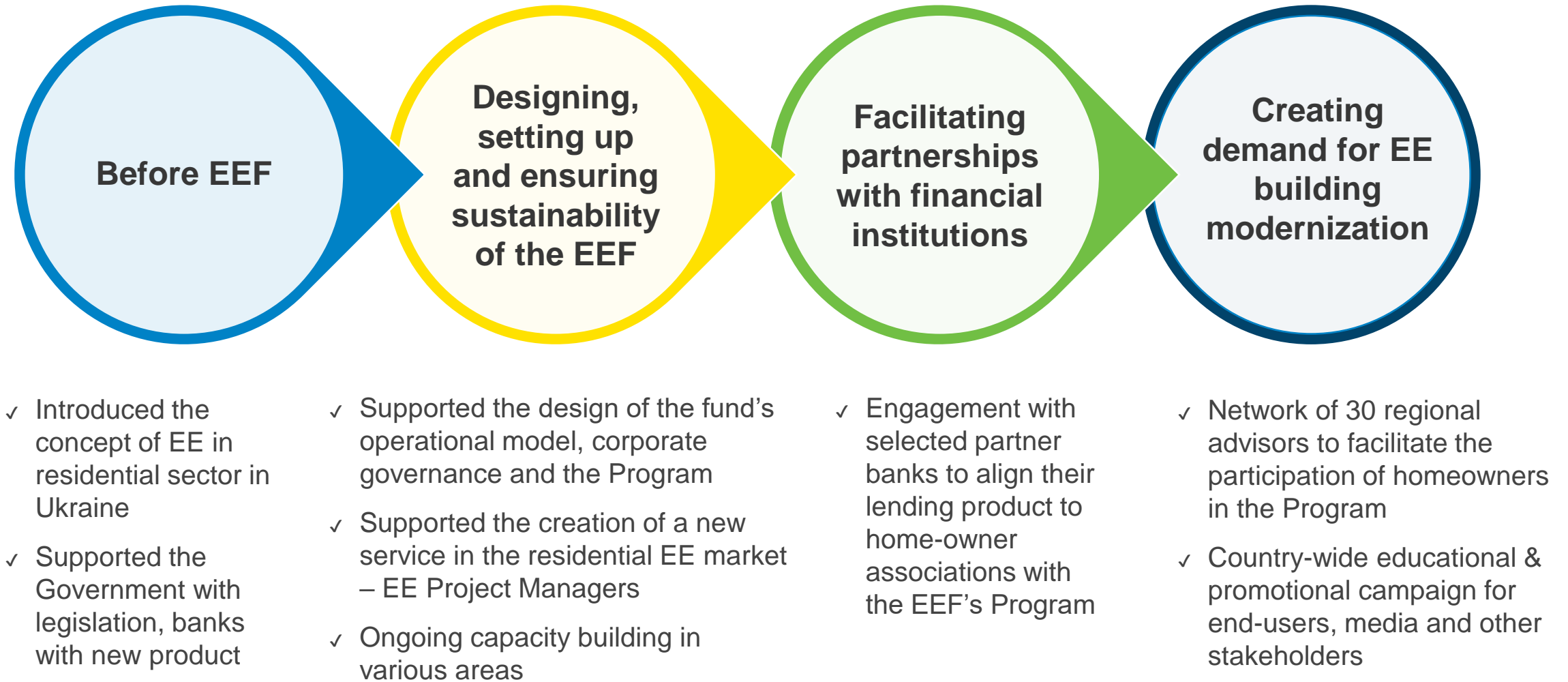
Professionalism and teamwork



Key challenges and solutions



Energy efficiency in Ukraine: IFC's role



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.

Best practices of thermal modernization

Schurata 8, Lviv «Comprehensive» package



After

Before

- ✓ Total project value **€174,800**
- ✓ EE Fund contribution **€122,360**
- ✓ Lviv City Council contribution **€16,755**
- ✓ HOA contribution **€35,685**
- ✓ Estimated savings for co-owners **543,950 kW*hour** or **€20,000 energy saving**
- ✓ Avoided CO₂ emissions **141.6 tons/year**
- ✓ Number of co-owners **177**
- ✓ Number of apartments **76**
- ✓ Year of construction **1995**

Best practices of thermal modernization

Lypy 2, Novoyavorivsk «Comprehensive» package



After

Before

- ✓ 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 emissions **64.3 tons/year**
- ✓ Number of co-owners **132**
- ✓ Number of apartments **54**
- ✓ Year of construction **1992**

Best practices of thermal modernization

Dbaylyva Oselya, Lviv «Comprehensive» package



After

Before

- ✓ Total project value **€147,324**
- ✓ EE Fund contribution **€102,224**
- ✓ Lviv City Council contribution **€12,028**
- ✓ HOA contribution **€33,072**
- ✓ Estimated savings for co-owners **360,700 KW*hour or €13,689 energy saving**
- ✓ Avoided CO₂ emissions **119.7 tons/year**
- ✓ Number of co-owners **133**
- ✓ Number of apartments **72**
- ✓ Year of construction **1976**

Best practices of thermal modernization

29 Konyakina, Lutsk, «Comprehensive» package



26%

energy
saving

After



Before

- ✓ Total project value **€147,324**
- ✓ EE Fund contribution **€103,126**
- ✓ City Council contribution **none**
- ✓ HOA contribution **€44,198**
- ✓ Estimated savings for co-owners
**260,900 KW*hour or
€12 462 energy saving**
- ✓ Avoided CO₂ emissions
48.71 tons/year
- ✓ Number of co-owners **300**
- ✓ Number of apartments **72**
- ✓ Year of construction **1994**

www.eefund.org.ua