



# UKRAINE :

ROLE OF UTILITIES AND  
ENERGY SERVICE COMPANIES  
IN IMPROVING ENERGY EFFICIENCY

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EXPERT VIEW

# NATIONAL TARGETS ON ENERGY EFFICIENCY AND RENEWABLES

## National Renewable Energy Action Plan-2020

as of Oct.1, 2014, № 902-p

**11%**

of Renewables in final  
energy consumption

## National Energy Efficiency Action Plan-2020

as of Nov. 25, 2015, № 1228-p

**-9 % (6,5 mln t.o.e.)**

of energy saving comparing  
to the average final energy  
consumption in 2005-2009

**Ukraine was the 20<sup>th</sup> country to ratify the Paris Agreement**

**The share of renewables in primary energy consumption should  
be 25% according to New Energy Strategy till 2035**

# ENERGY EFFICIENCY IN BUILDINGS



Residential buildings		Public entities
Multi-Apartment	Private (Individual)	
<b>Number of Buildings</b>		
≈ 80 000	≈ 6,5 million	≈ 100 000
<b>Necessary Investment</b>		
≈ from 50 to 85 billion USD*		≈ from 4 to 8 billion USD*
<b>Annual Saving Potential (in gas equivalent)</b>		
8 billion cubic meters		800 million cubic meters

\*depending on the thermal modernization level

# STATE SUPPORT PROGRAM FOR HOUSEHOLDS ("WARM LOANS PROGRAM")

## Duration:

Active since Oct'2014

## Mechanism:

Partial reimbursement of the loans obtained by participants (Individual Households & Home Owner Associations (multi-dwelling buildings))

## Financial partners:

Oschadbank, Privatbank, Ukreximbank, Ukrgasbank

## Support Share:

20% - for biomass boilers

35% - for energy efficiency measures for individual households

40% - for Home Owner Associations

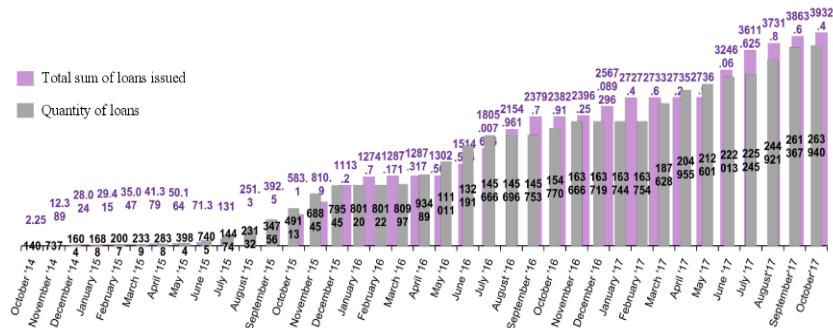
## Funding:

**EUR 154,2 million** has been distributed to 360 000 households

**EUR 57,8 million** - **Government reimbursement**

## + 310 regional programs

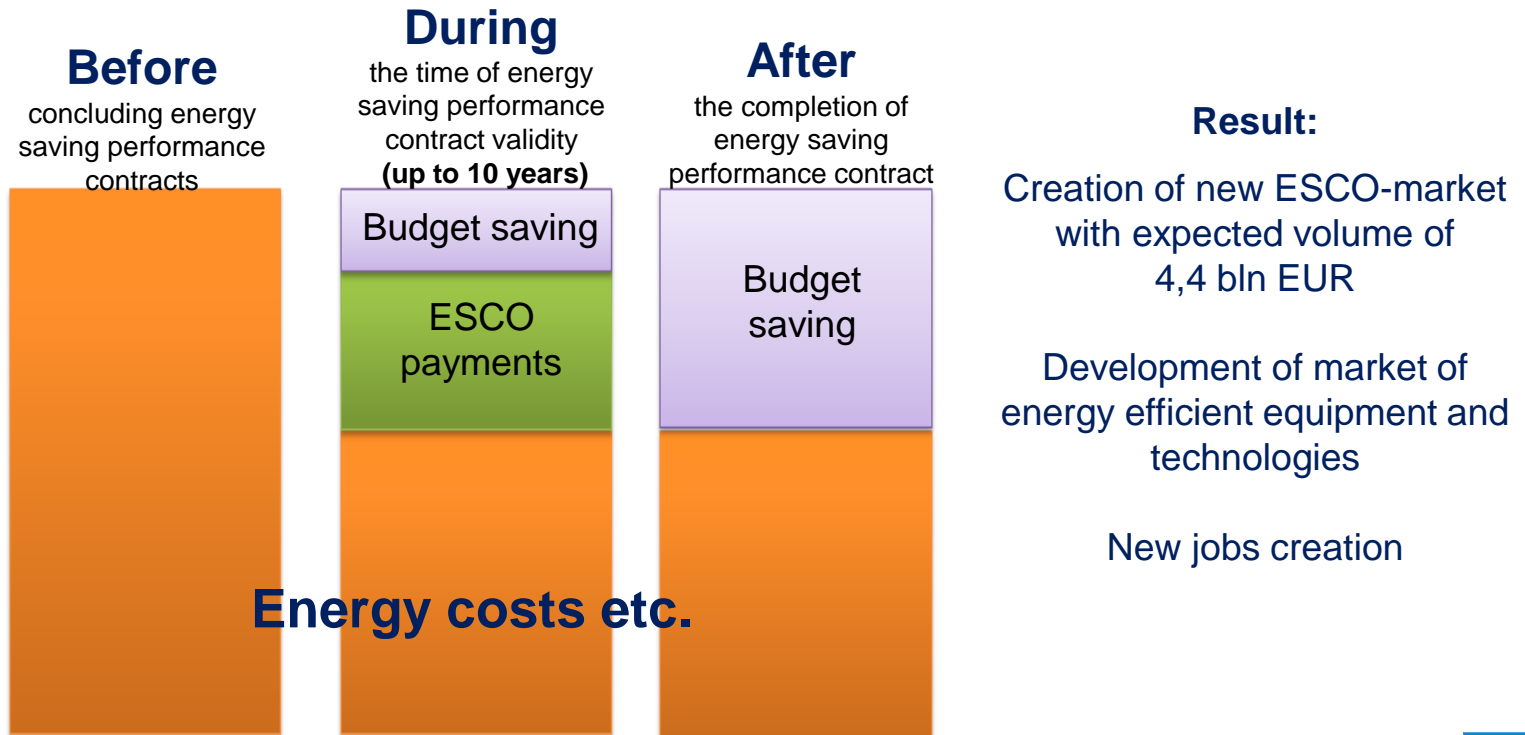
(from local budgets due to fiscal decentralization) for extra reimbursement of «warm» loans



# ADOPTED LEGAL FRAMEWORK FOR ENERGY SAVING PERFORMANCE CONTRACTS IN PUBLIC BUILDINGS



## ESCO-mechanism (investment return from the achieved energy savings)

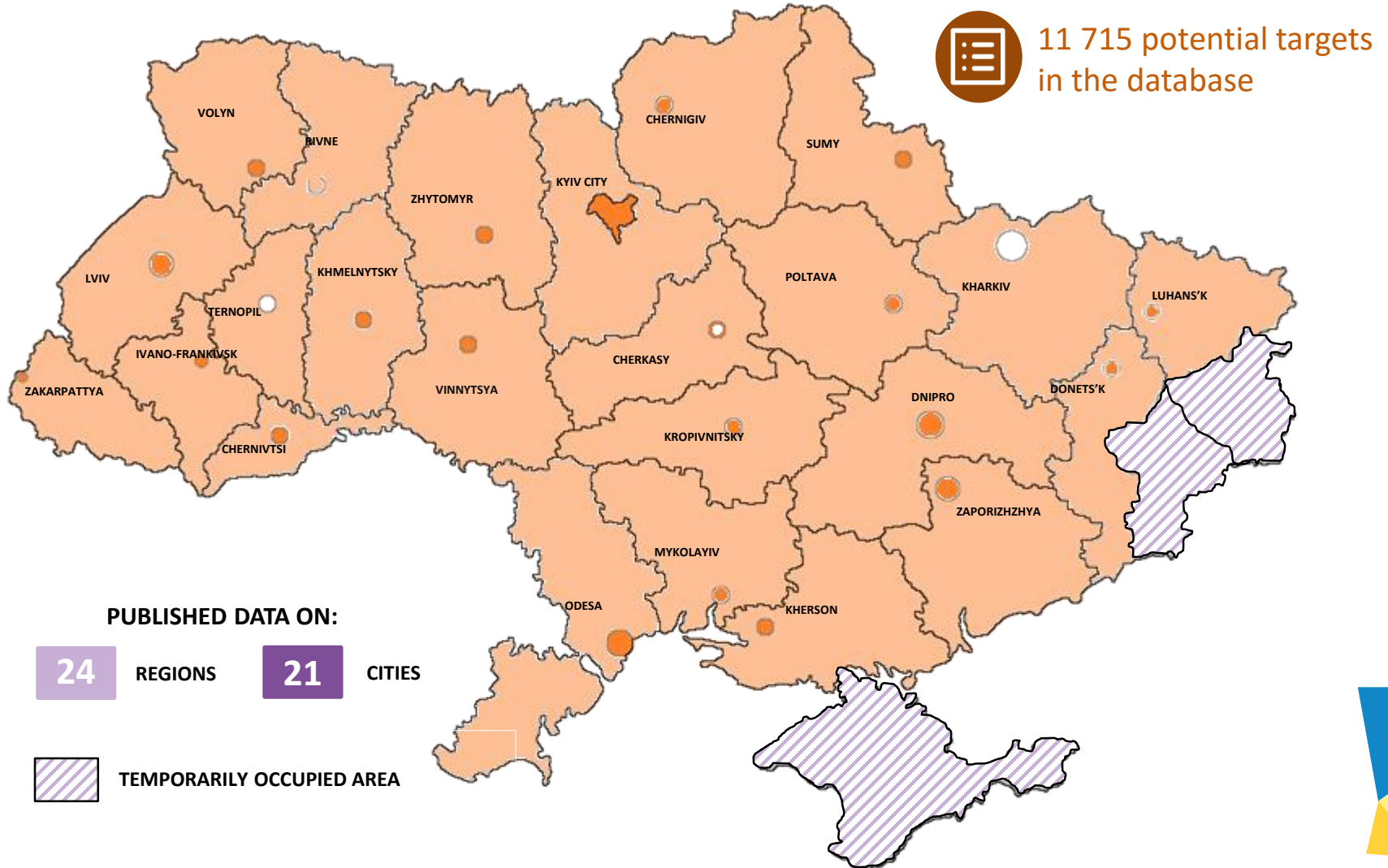


Sample Energy Saving Performance Contract was adopted by the government on Oct 21, 2015

### Next steps:

- Developing of guidelines for Contracting Parties (on public purchasing procedures etc.)
- Creation of incentives for ESCO-market development
- Information campaign

# INFORMATION ON THE POTENTIAL ESCO OBJECTS PUBLISHED



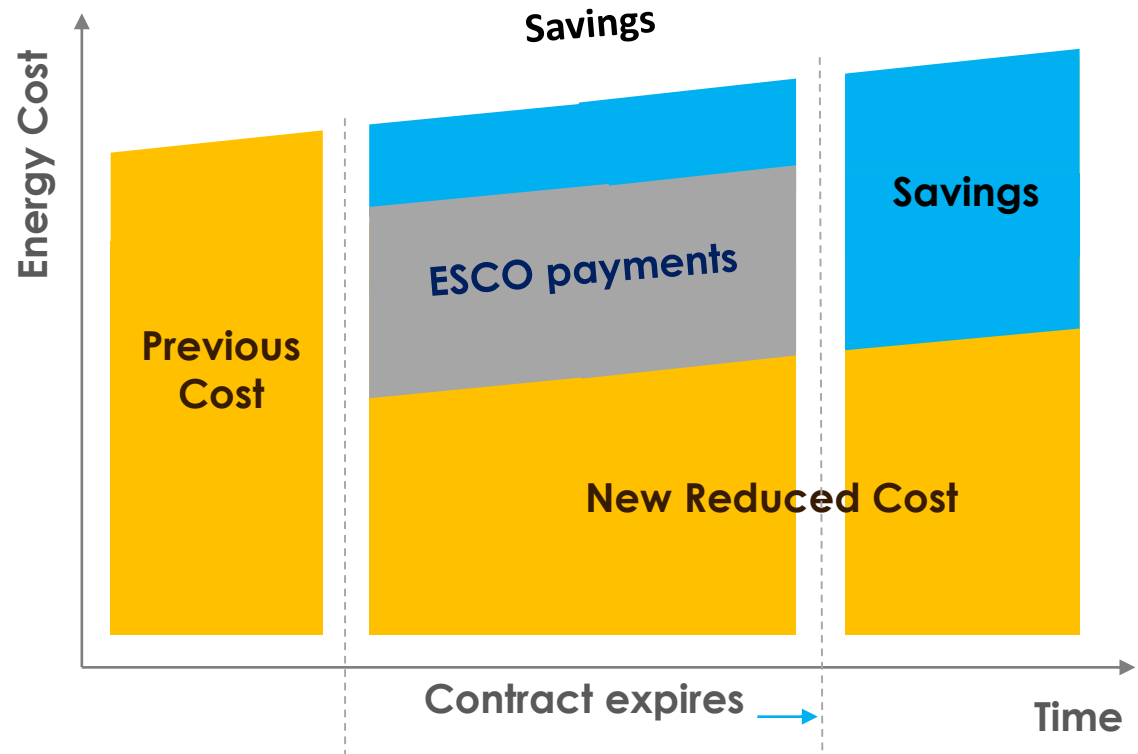
# ENERGY PERFORMANCE CONTRACTING FOR PUBLIC SECTOR

## 2016:

first 20 EPCs were concluded in 5 regions of Ukraine

## 2017:

more than 100 EPCs are under initiation

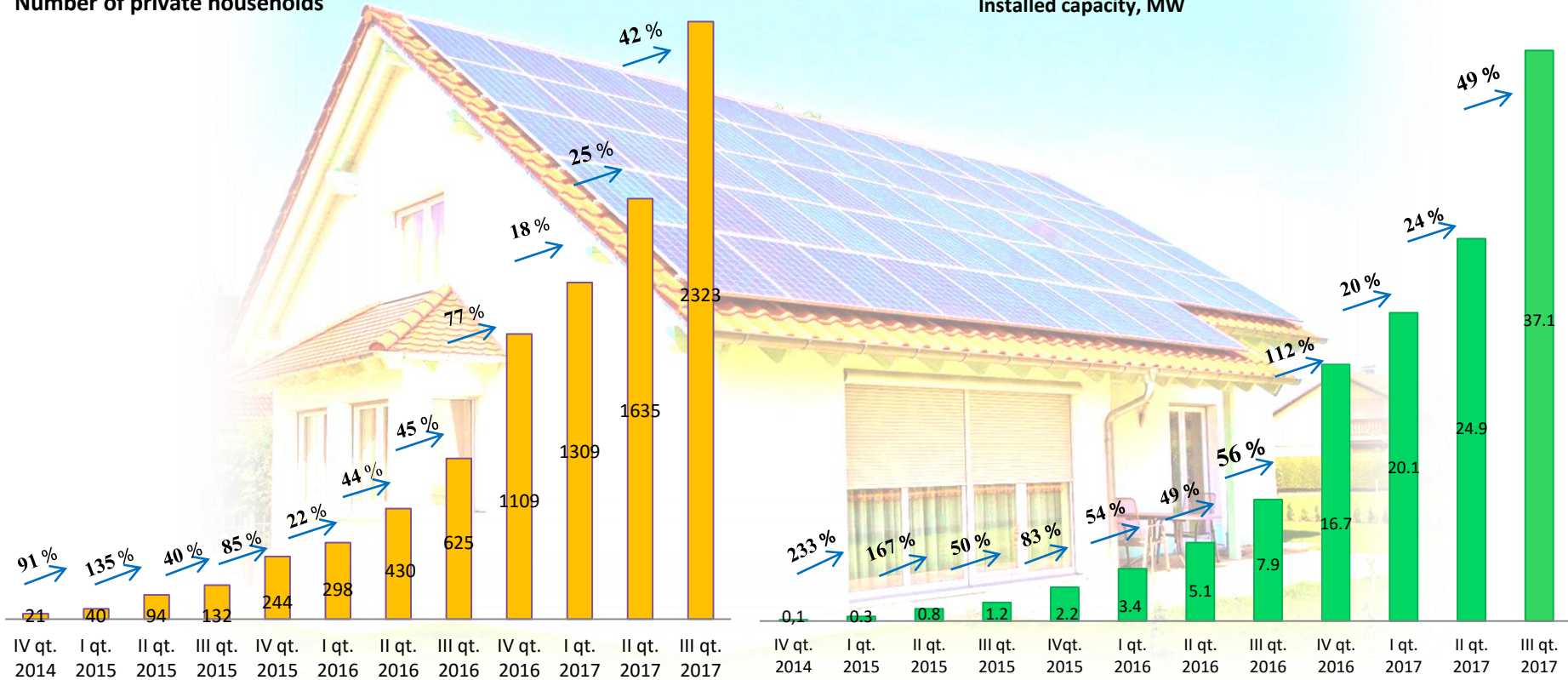


The appropriate laws and regulations developed with support of EBRD have been adopted. That gives the guarantee for investments return in the framework of state budgetary commitments.

# DYNAMICS OF SOLAR INSTALLATIONS IN PRIVATE HOUSEHOLDS

Number of private households

Installed capacity, MW



€ 34,7 mln investments attracted

The number of private houses eligible for solar panels installation is 6,5 mln





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