



FINANCIAL
INSTRUMENTS FOR ENERGY
EFFICIENCY IN LITHUANIA

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ENERGY EFFICIENCY SECTOR IN LITHUANIA



LONG-TERM STRATEGIC GOAL:

EFFICIENT USE OF ENERGY RESOURCES AND ENERGY

- to increase energy supply security
- To decrease greenhouse gas and other pollutant emissions
- Transition to a resource-efficient economy



ENERGY EFFICIENCY DIRECTIVE 2012/27/EU :

THE CUMULATIVE AMOUNT OF 11.67 TWH OF ENERGY WILL BE SAVED BY 2020

- set in place an Energy Efficiency Obligation Scheme or alternative measures
- enable and promote faster development of Energy Service Companies
- improve energy efficiency in public and residential buildings

IMPLEMENTATION MEASURES OF EE DIRECTIVE



Public buildings

0,4 TWh



Transport

2,7 TWh



Multi-apartment buildings

2,67 TWh



Industry

1 TWh



Education for energy users

2,44 TWh



Agreements with energy companies

3 TWh

HOW TO ACHIEVE MORE RESULTS WITH LIMITED RESOURCES?



POSITIVE SOLUTION – FINANCIAL INSTRUMENTS!

Continuity

Re-use

Attraction of
private
investments

Multiplication
of investments

FINANCIAL INSTRUMENTS FOR EE IN 2014-2020



SECTOR	FINANCIAL GAP (<i>ex-ante</i>), MEUR	ESI funds , MEUR		Private funds, MEUR	
		INVESTED	FORESEEN	ATTRACTED	FORESEEN
Residential housing	1.357	324	-	180	500
Public infrastructure (public buildings + street lightening)	263	97	-	0	> 20
TOTAL	1.620	421	0	180	> 520

EE FINANCIAL INSTRUMENTS IN 2014-2020 – STATE OF PLAY



ENERGY EFFICIENCY IN MULTI APARTMENT BUILDINGS

1.347 MEUR (market gap for modernization of multi apartment buildings)

Multi apartment modernization fund
74 + 50 MEUR (VIPA)

Loans for the modernization of multi apartment buildings to increase EE

- 237 loans signed (80 MEUR)
 - EE increased in 6659 households
- Paid to final recipients 72.6 MEUR**

JESSICA II FoF Leverage Fund (LF)
150 + 130 MEUR
90 + 10 + 500 MEUR (EIB)

Loans and guarantees for the modernization of multi apartment buildings to increase EE

- JESSICA II:
- 783 loans signed (202 MEUR)
 - EE increased in 11896 households
- Paid to final recipients 138 MEUR**

EE investment platform
100 MEUR (VIPA)

EFSI for LF
500 MEUR (EIB)

ESTABLISHED FUNDS

PLANNED FUNDS

FINANCIAL INSTRUMENTS IN 2014-2020 – STATE OF PLAY



ENERGY EFFICIENCY IN PUBLIC BUILDINGS

167.9 + 95.1 MEUR (market gap for Central govern. public buildings + street lightening)

Energy Efficiency Fund

79.6 + 19 MEUR (VIPA)

Loans (direct and ESCOs) for renovation of central government buildings and guarantees for loans granted by commercial banks for street lighting modernization projects

- 3 loans signed
 - 4 guarantee confirmation letters issued
 - Public procurement for ESCO projects – on-going
- Paid to FF 19 MEUR (25 %)**

Municipality owned buildings Fund

17.3 MEUR (VIPA)

Loans for renovation of municipal buildings

- Selection of FIs – on-going
- Paid to FF 4.3 MEUR (25 %)**

ACHIEVED RESULTS



Energy and CO2 savings

Multi-apartment buildings

Renovated till now – **2279** **550 GWh and 130 000 t CO2**

Renovating – **515** **124 GWh and 29 000 t CO2**

Planning to renovate – **1500** **562 GWh and 85 000 t CO2**

Public buildings

Renovated till now – **942** **188 GWh and 43 500 t CO2**

Planning to renovate – **300** **60 GWh and 10 400 t CO2**



THANK YOU!

