



SUNSHINE
SAVE YOUR BUILDING
BY SAVING ENERGY



LATVIAN BALTIC ENERGY EFFICIENCY FACILITY (LABEEF)

Harijs Švarcs

LABEEF, council member

2017

This project is funded by
the Horizon 2020 Framework
Programme of the European Union



PROBLEM



38 000

Multifamily buildings

1500

Renovated buildings
4% of total

85%

Do not correspond to
current heat consumption
requirements

LATVIA ENERGY STRATEGY 2030

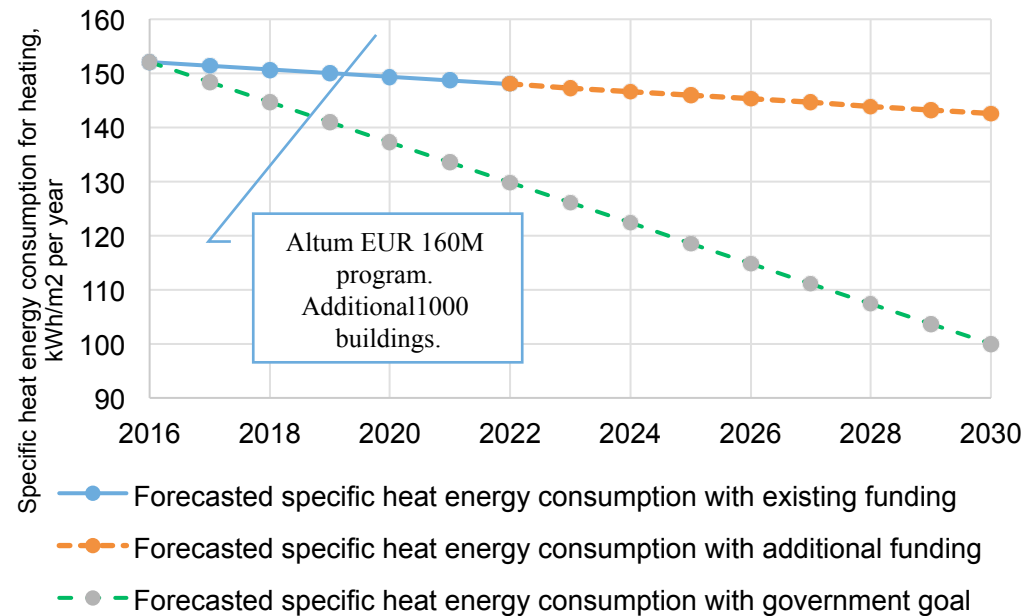
2016

152.04
kWh/m²

2030

100
kWh/m²

Required financing – EUR 4.3 billion



Source: Gatis Žogla.

RECAP OF RENESCO PORTFOLIO

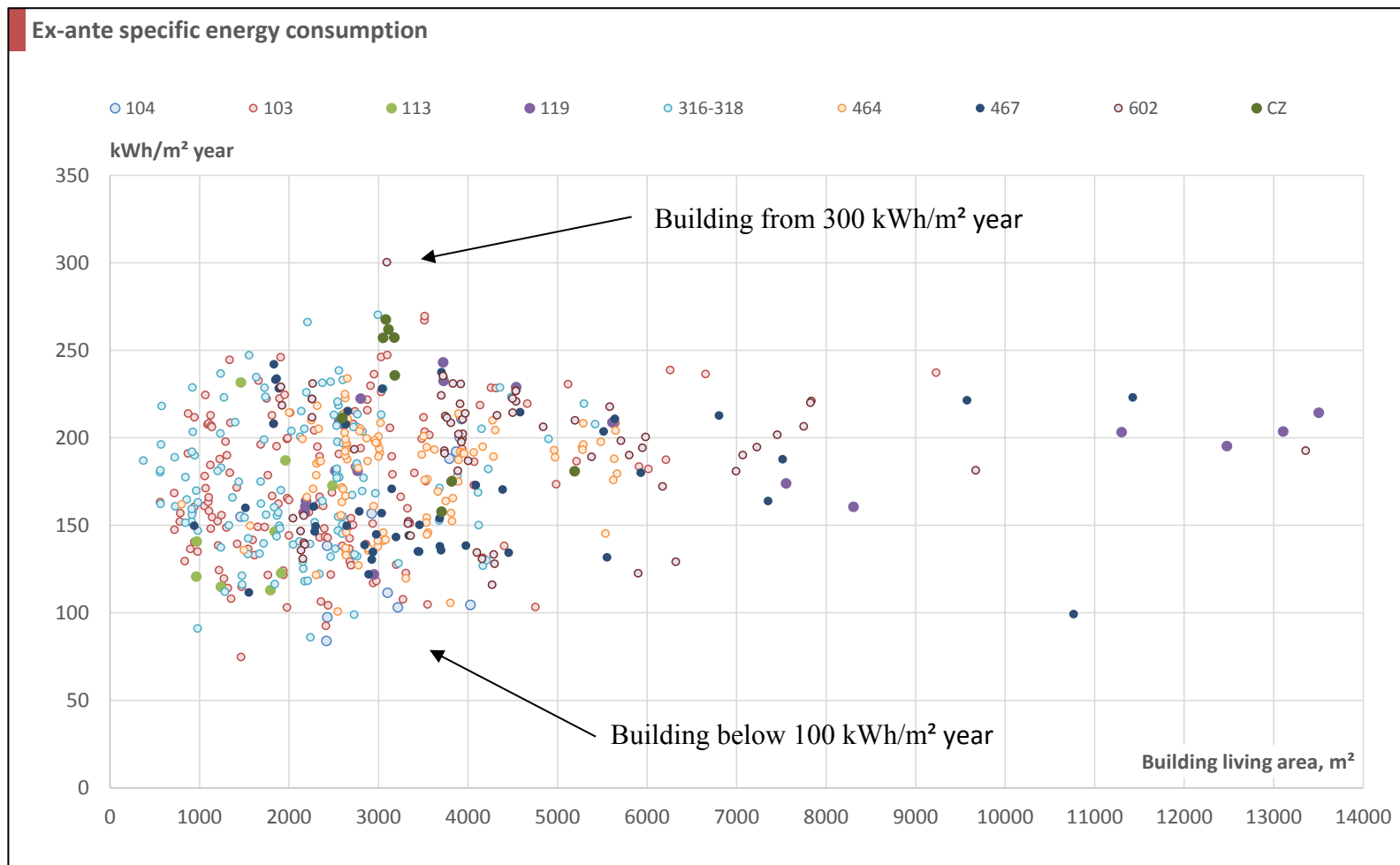


Before and after photographs of Latvian EPC projects

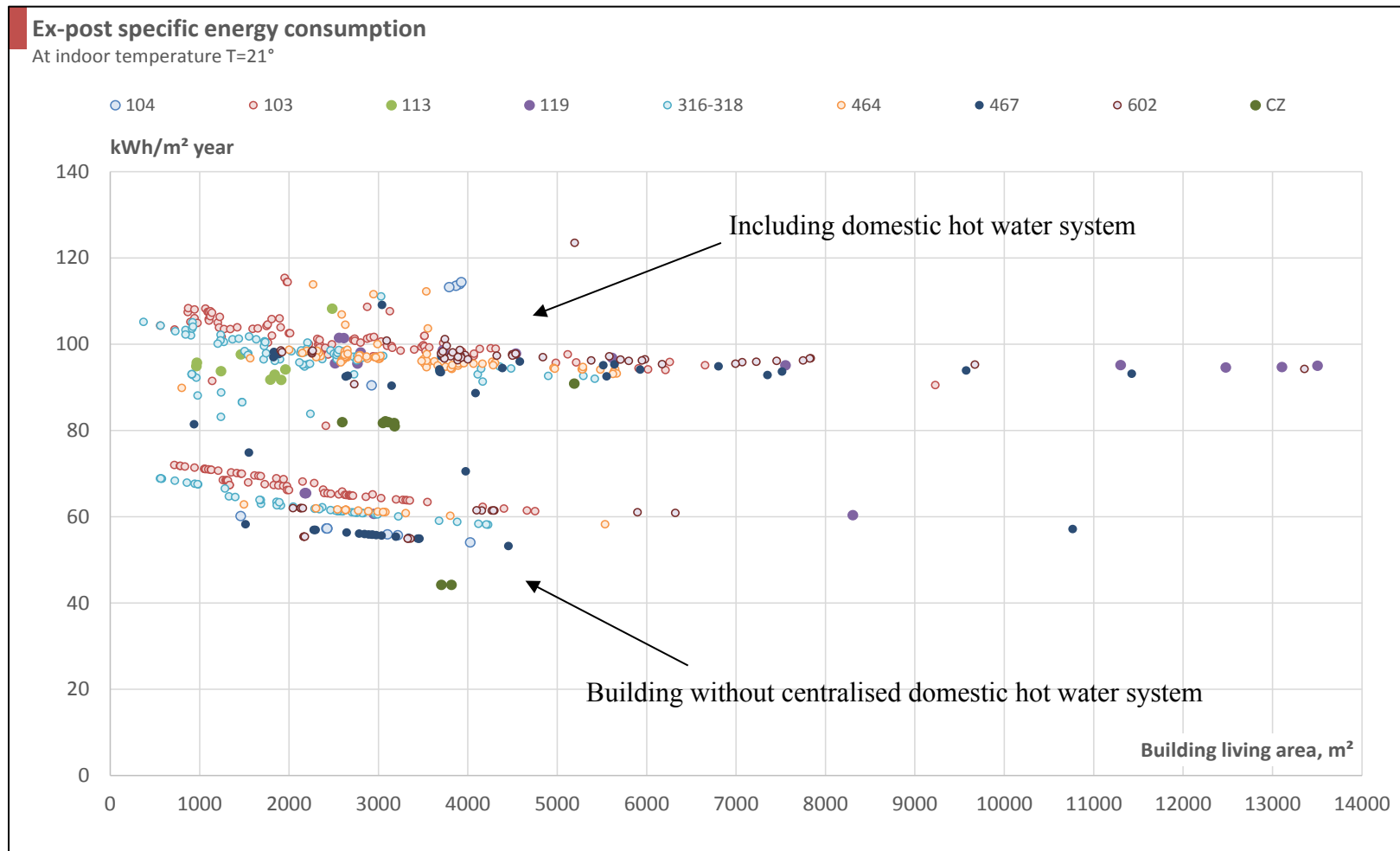
EBRD due diligence verified:

- No payment defaults in 15 buildings/359 apartments since implementation in 2009.
- Buildings will last >30 years.
- No increased affordability risk.
- >50% energy savings.
- 100% savings target reached

EX-ANTE ENERGY CONSUMPTION



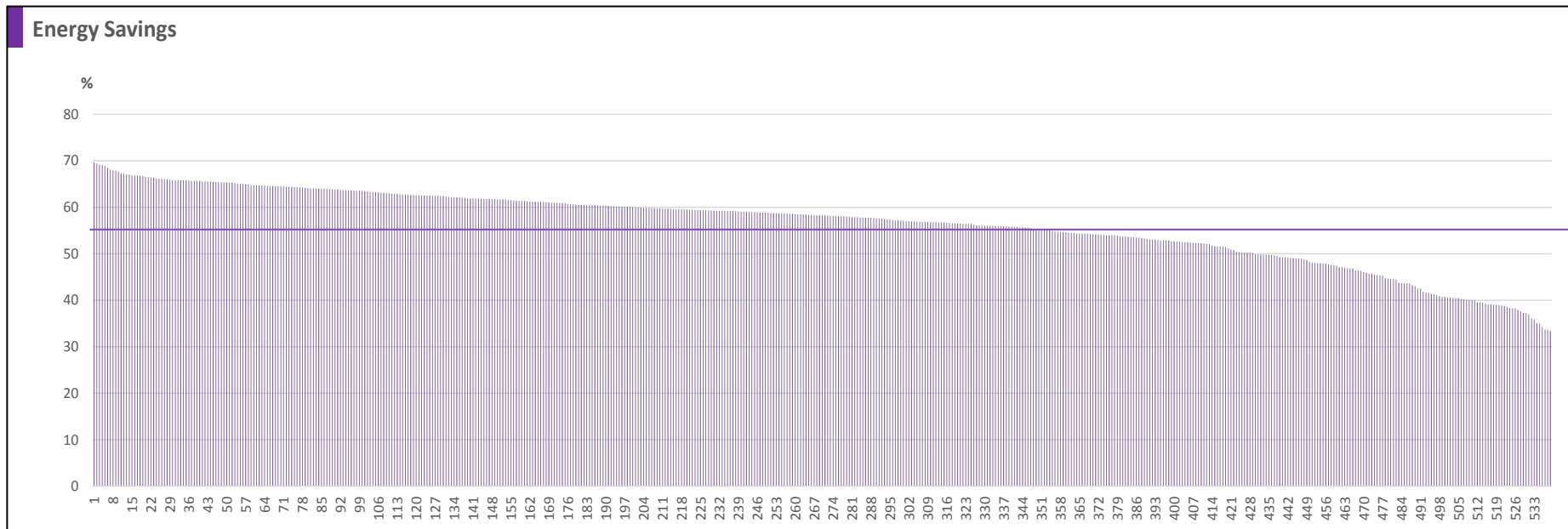
EX-POST ENERGY CONSUMPTION



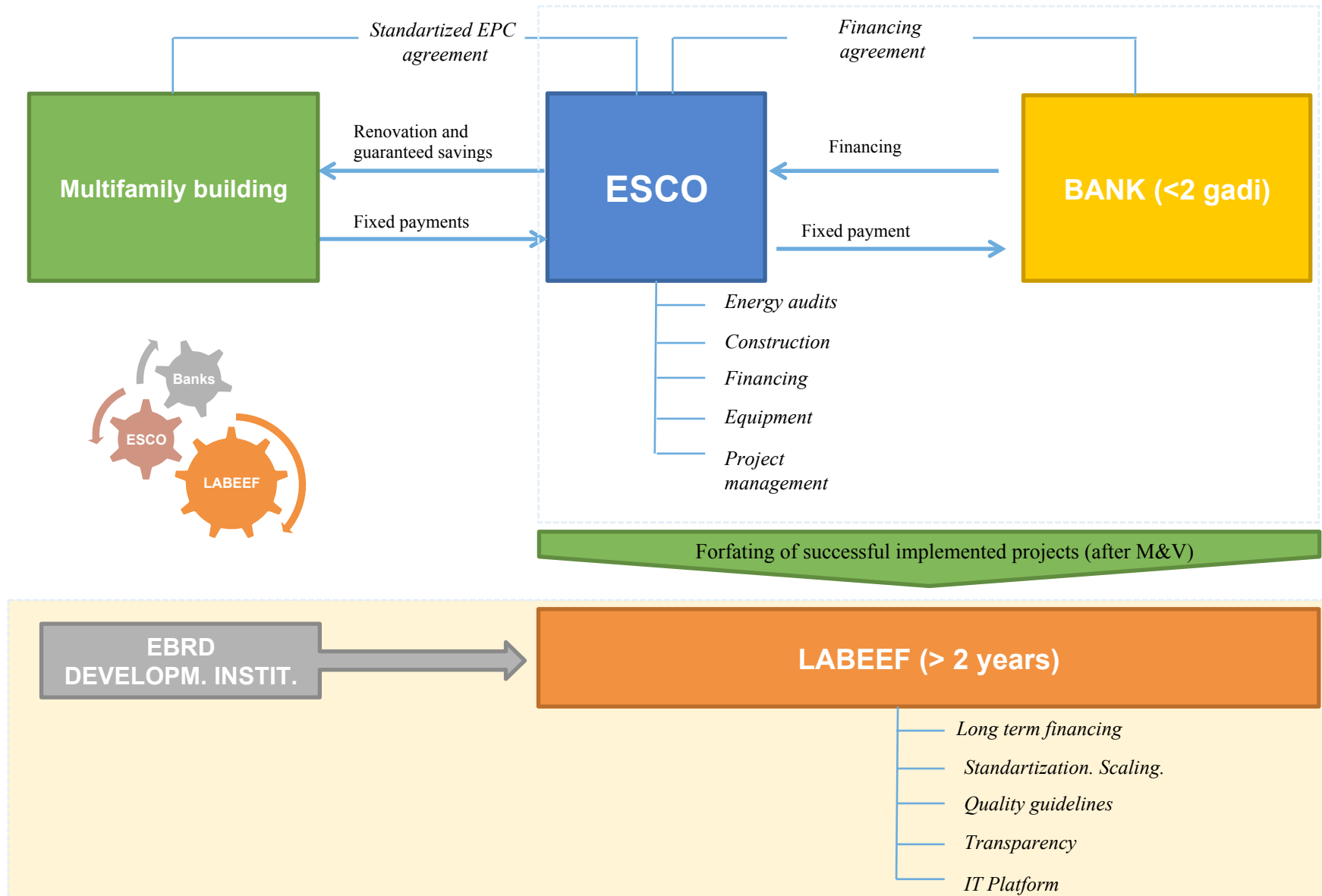
ENERGY SAVINGS

On average deep renovation saves more than 55% energy

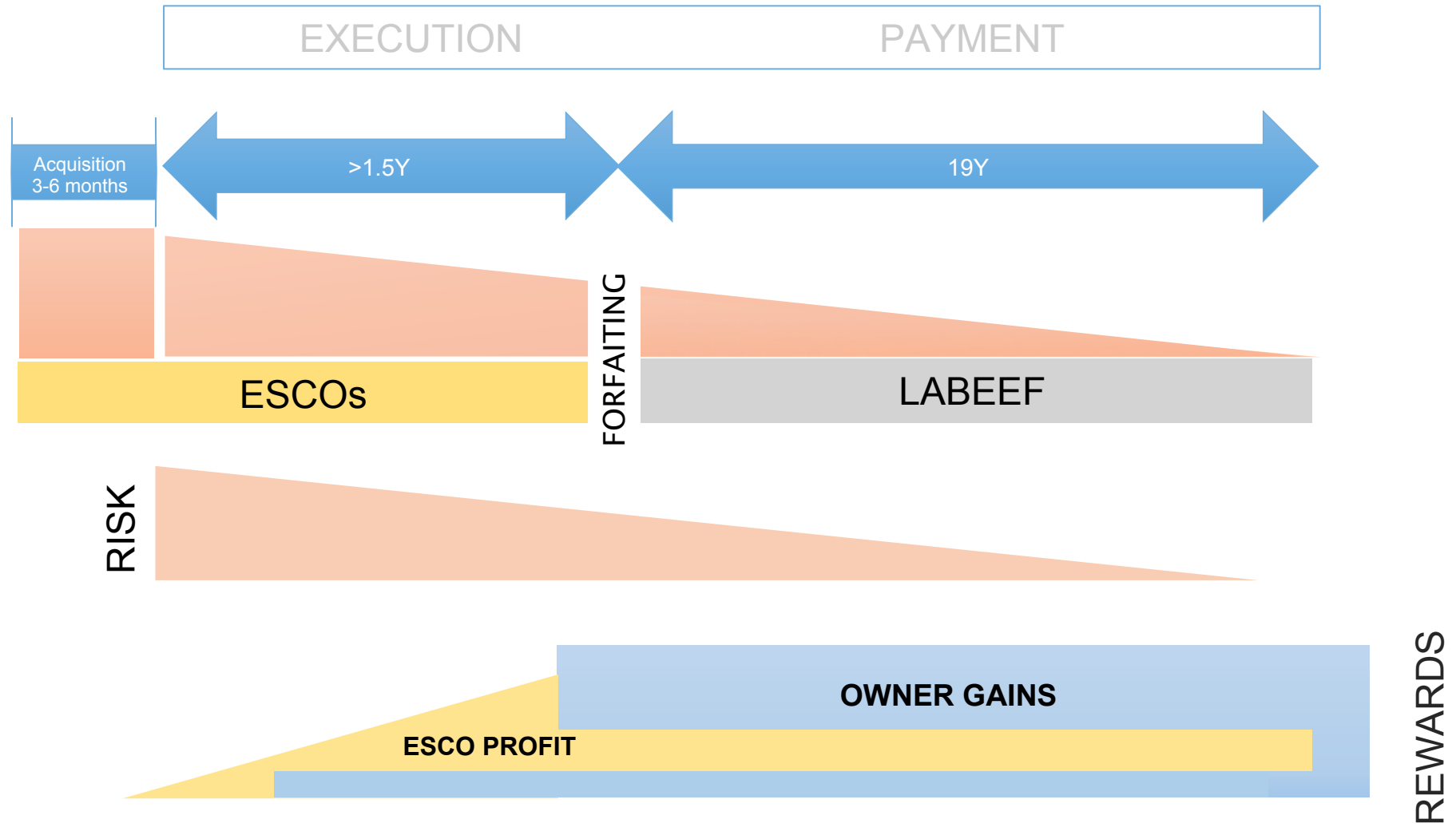
A consumption below 70 kWh/m² year (at 21°C) is expected also for small buildings (1000 m²)



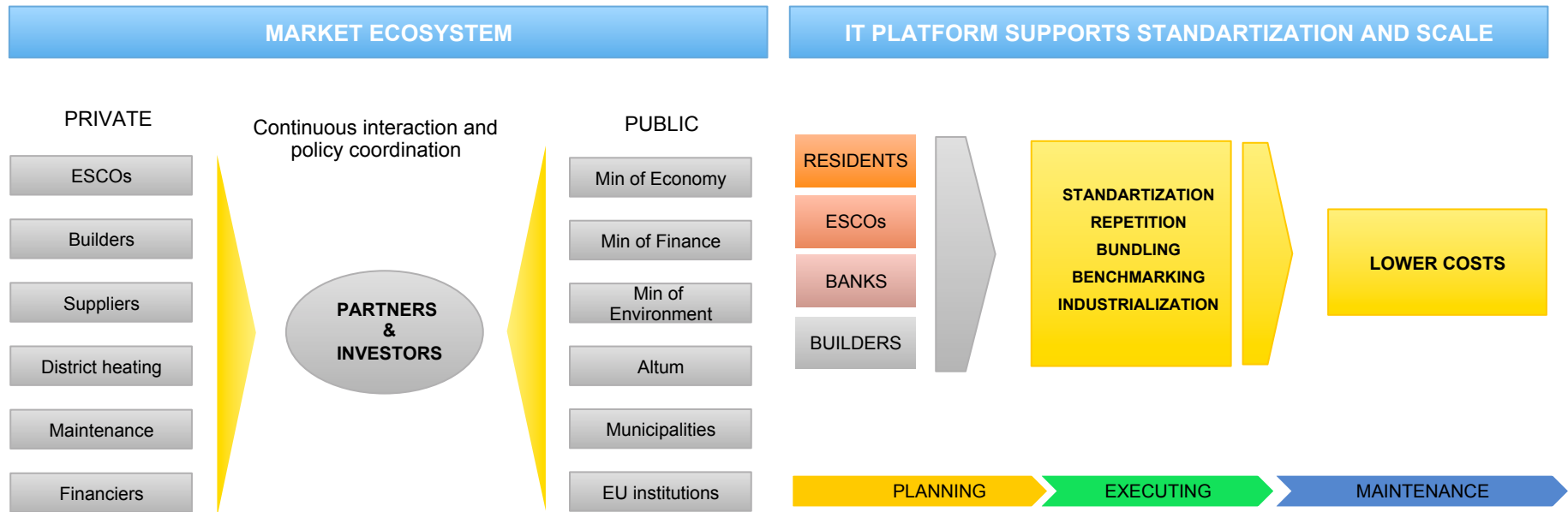
ENERGY EFFICIENCY FINANCING SCHEME



LABEEF UNDERTAKES LOW RISK FINANCING



IT PLATFORM – SHAREX.LV





UPDATE ON SUNSHINE PROJECT



SUNShINE: Save your building by saving energy
Consortium of 7 companies/institutions

Three ESCOs in the consortium:

- current near term pipeline: 15-20 buildings
- target to reach 80 buildings – 200,000 m²
- Investment needs €30m



Additional 4 municipal/private ESCOs attracted:

- Near term pipeline of 10 projects.
- Target 180,000-200,000 m²

Supports platform development

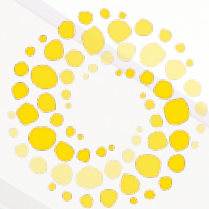


SUNSHINE
SAVE YOUR BUILDING
BY SAVING ENERGY



NEXT STEPS FOR LABEEF

- Acquire 15 building portfolio
- Attract equity/quasi equity financing to support LBEEF scaling
- Support financing mechanisms for ESCOs
- Continue work on building the pipeline and ecosystem, in general.



SUNSHINE
SAVE YOUR BUILDING
BY SAVING ENERGY



THANK YOU

HARIJS ŠVARCS

LABEEF COUNCIL MEMBER

TEL. +371-26443255

HARIJS@FCUBED.EU

This project is funded by
the Horizon 2020 Framework
Programme of the European Union

