



**SUNSHINE**  
SAVE YOUR BUILDING  
BY SAVING ENERGY

# DEEP RENOVATION?

SECURE, CLEAN AND EFFICIENT ENERGY SOCIETAL CHALLENGE

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RTU – F3

23/02/2016

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





# SUNSHINE

*Save your bUildiNg by SavINg Energy*

**Towards 2020m<sup>2</sup> of deeply renovated multifamily residential buildings**



**SECURE,  
CLEAN  
AND  
EFFICIENT  
ENERGY  
SOCIETAL CHALLENGE**

# OUR COMMUNITIES' CHALLENGE

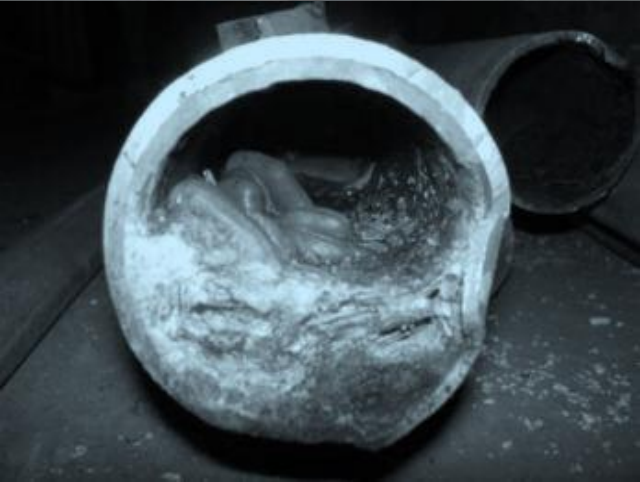
## SAFE HEALTHY COMFORTABLE LONG TERM HOUSING

Secure, Clean and Efficient Energy Societal Challenge

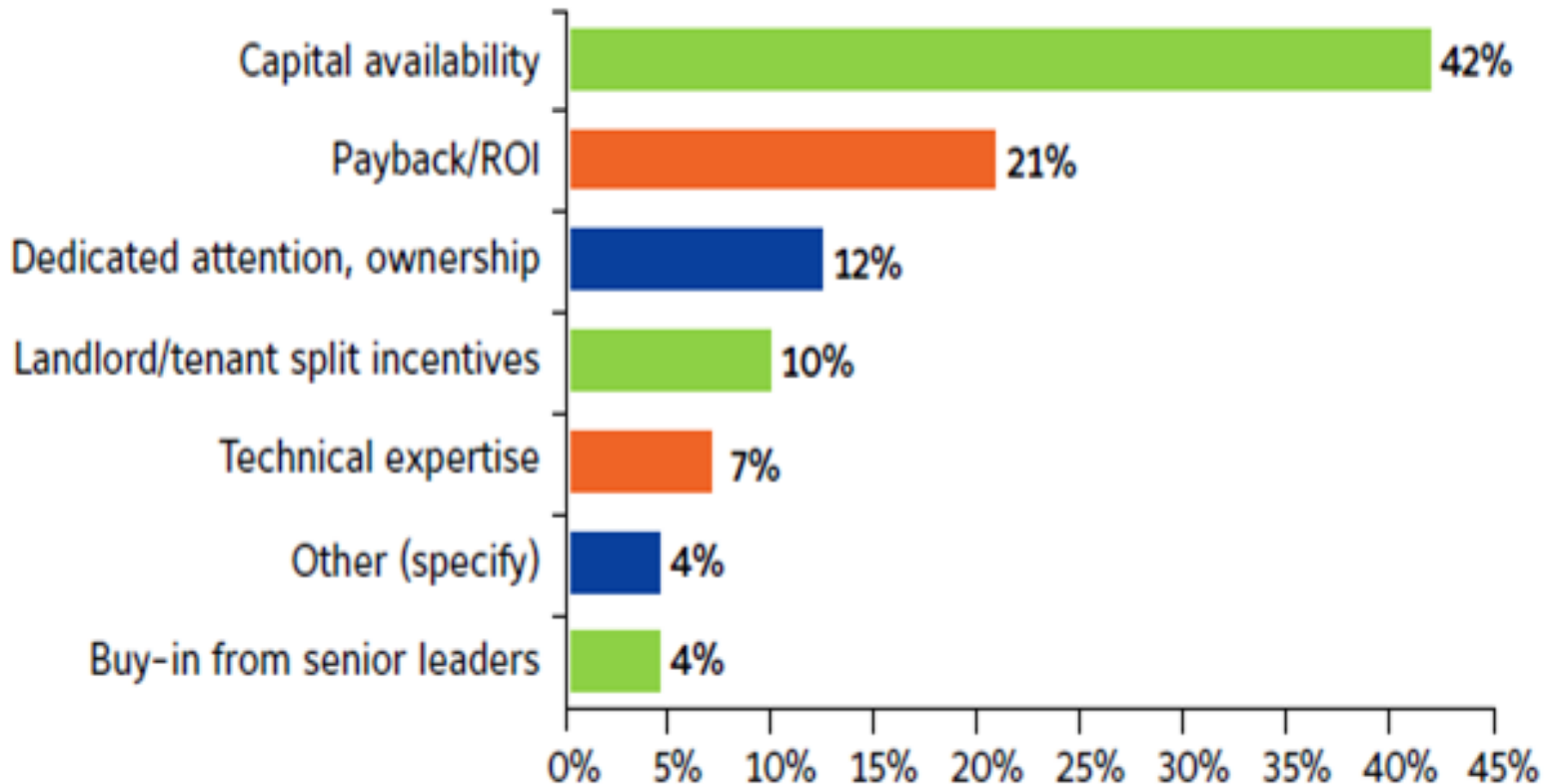
PROBLEM



# PROBLEM



# BARRIERS? Are there any?



Source: Johnson Controls and IFMA (2009) "Energy Efficiency Indicator" survey results.

# **THE CHALLENGE**

## **HOW CAN WE PROVIDE DEEP RENOVATION?**

- **use an industrial approach to construction,**
- **lower maintenance and operational costs,**
- **providing access to financing.**

**THE SOLUTION IS USING ENERGY SAVINGS TO  
FINANCE DEEP RENOVATION**



# FINANCING CASCADE: HOW TO LOWER TRANSACTION COSTS AND INCREASE SUCCESS

€€€€

- Rules
  - Guidelines
    - Compliance
      - Results
        - Guarantees
          - €

**LABEEF**

Latvian Baltic Energy Efficiency Facility

**EnPC**

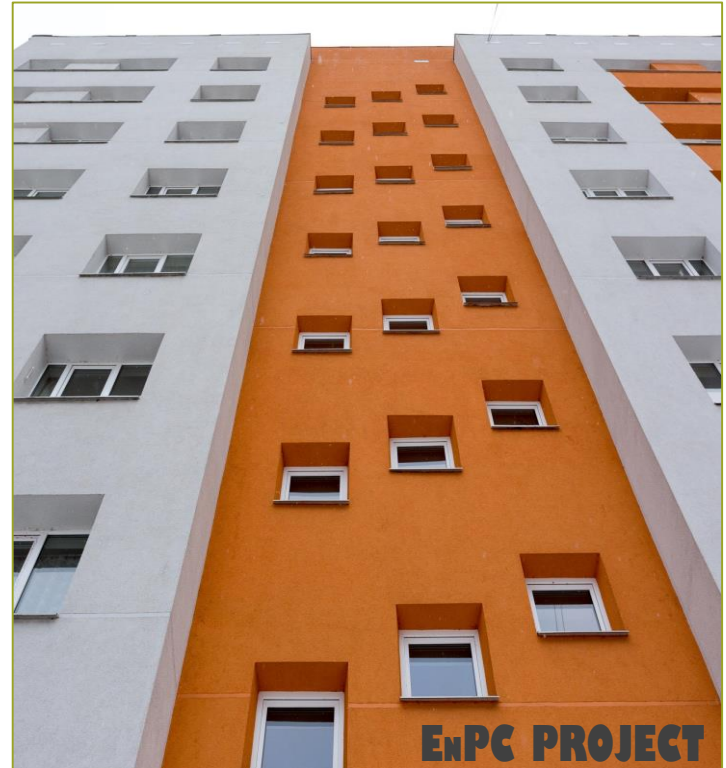
Energy Performance Contracting

# HEALTHY SAFE COMFORTABLE AND LONG LASTING BUILDINGS TO OWNERS

## GAUJAS 11



## GAUJAS 13



# **LINE UP THE INTERESTS OF ALL STAKEHOLDERS TO THE INHABITANTS INCLUDING THEIR OWN INTERESTS!**

Comprehensive and in-depth study of apartment buildings sector, combining social and environmental engineering research methods.

How to motivate to renovate their homes so that they are comfortable, safe, sustainable and their exploitation creates the least possible impact on climate change?

What business models?

# Next:

- **General information seminar 23 March 2016**

- Information about the Latvian Baltic Energy Efficiency Facility - LABEEF
- The proposed concept of energy performance contracting
- The proposed Investment guidelines and technical rules
- The forfeiting transaction

- **Six targeted training sessions (max 10 participants) starting from April 2016:**

- Energy Performance Contracting
  - Determination of the energy baseline
  - Calculation of payments and remunerations
  - Measurement and Verification
- Investment guidelines
  - Important eligibility criteria
- Forfeiting
  - Analysis of a transaction

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# CAN WE SOLVE THIS CHALLENGE WITHOUT “THEM”?



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