



VILNIUS



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2h flight

1h 30min flight

GET HERE FAST



18 airlines to/from 40+ destinations
Daily flights from Amsterdam



GROWING SUSTAINABLY

Population: 600,000+
1% increase per year

Age group of 25-39 years will make 29% of population by 2021



GO VILNIUS

Welcoming business, talent & tourism
Improving business & investment climate
On-location “One Window” assistance, support & aftercare



RENOVATION AND SUSTAINABLE BUILDING in LITHUANIA

Lithuania key statistics:

Average temperature:

-5°C in winter

17°C in summer

population < 3 millions

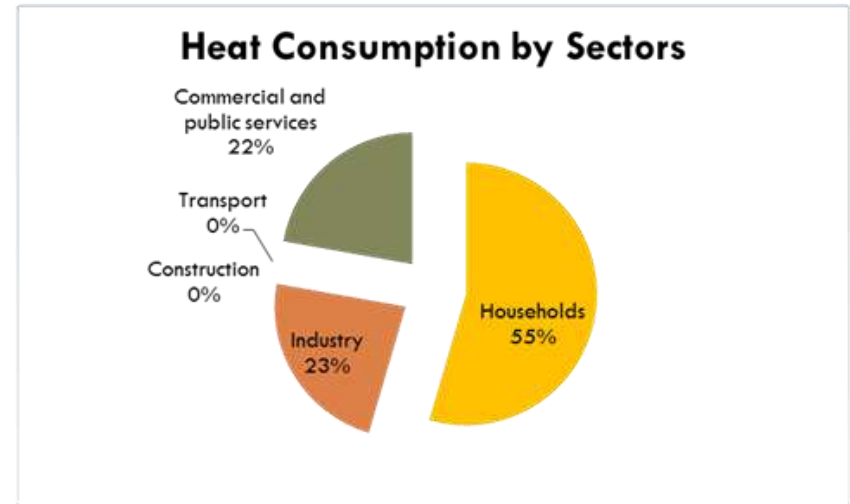
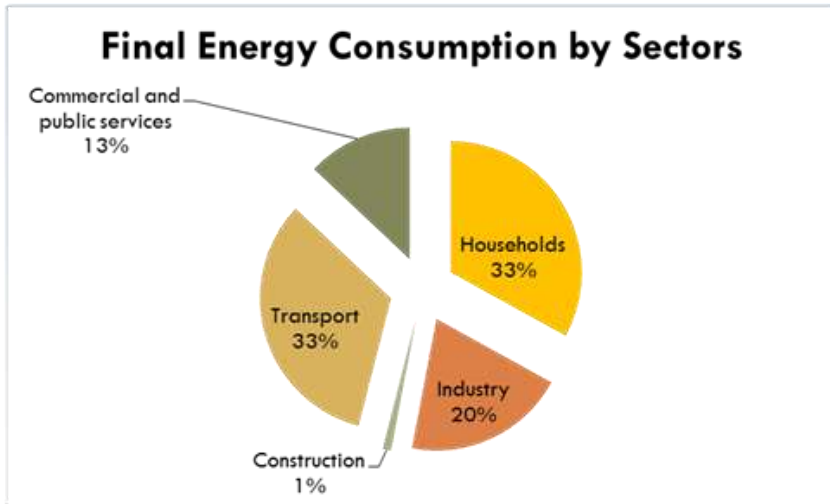
66% of population live in multi-apartment buildings built before 1993

(>38,000 multi family buildings and >800,000 apartments)

97% privately owned, only 3% municipal rental stock

65% of buildings supplied by district heating





Multi-apartment buildings:
 100% heat, hot and cold water meters installed
 consume about 9,5 TWh/year
 energy saving potential - around 50%

Energy Prices for households:
 Heat in average - 6,3 ct./kWh
 Electricity - 12,4 ct./kWh
 Gas for households - 66 ct./m³



Main Targets for Sustainable Housing

Renovation

Constructed before 1993
at least Energy Efficiency
Class C

New buildings

All new buildings must achieve
energy efficiency class at least A
since 1st November 2016

Energy efficiency class at least
A+ since 1st January 2018

Energy efficiency class at least
A++ since 1st January 2021



NATIONAL:

Ministry of Environment, Ministry of Finance (Investment Committee) - regulatory environment

Housing Energy Efficiency Agency (BETA) - program planning, supervision and implementation

Energy Efficiency fund (Jessica) - funding

Financial institutions - SEB, SWEDBANK, Šiaulių bankas and Public Investment Development Agency

Central Procurement Office (CPO) - tenders

LOCAL:

Municipality (inefficient building selection, Program preparation, appointing Program administrator, supervision) - local planning and organizing

Program/ project administrator (appointed by Municipality or homeowners) - designated project administration

Engineers consultants (preparation of investment projects, support on procurement and supervision of works) - quality and legal supervision

Contractors

Owners of apartments

Multi - apartment buildings renovation (modernisation) Programme approved by the Government of the Republic of Lithuania in 2004

The Programme aimed to:

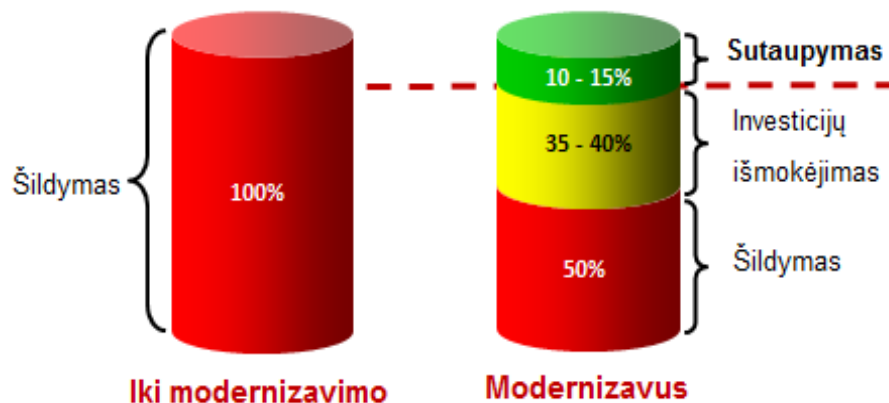
- increase energy efficiency in multi-apartment buildings;
- ensure that cumulative annual heating costs + loan repayment after the renovation do not exceed the heating costs before

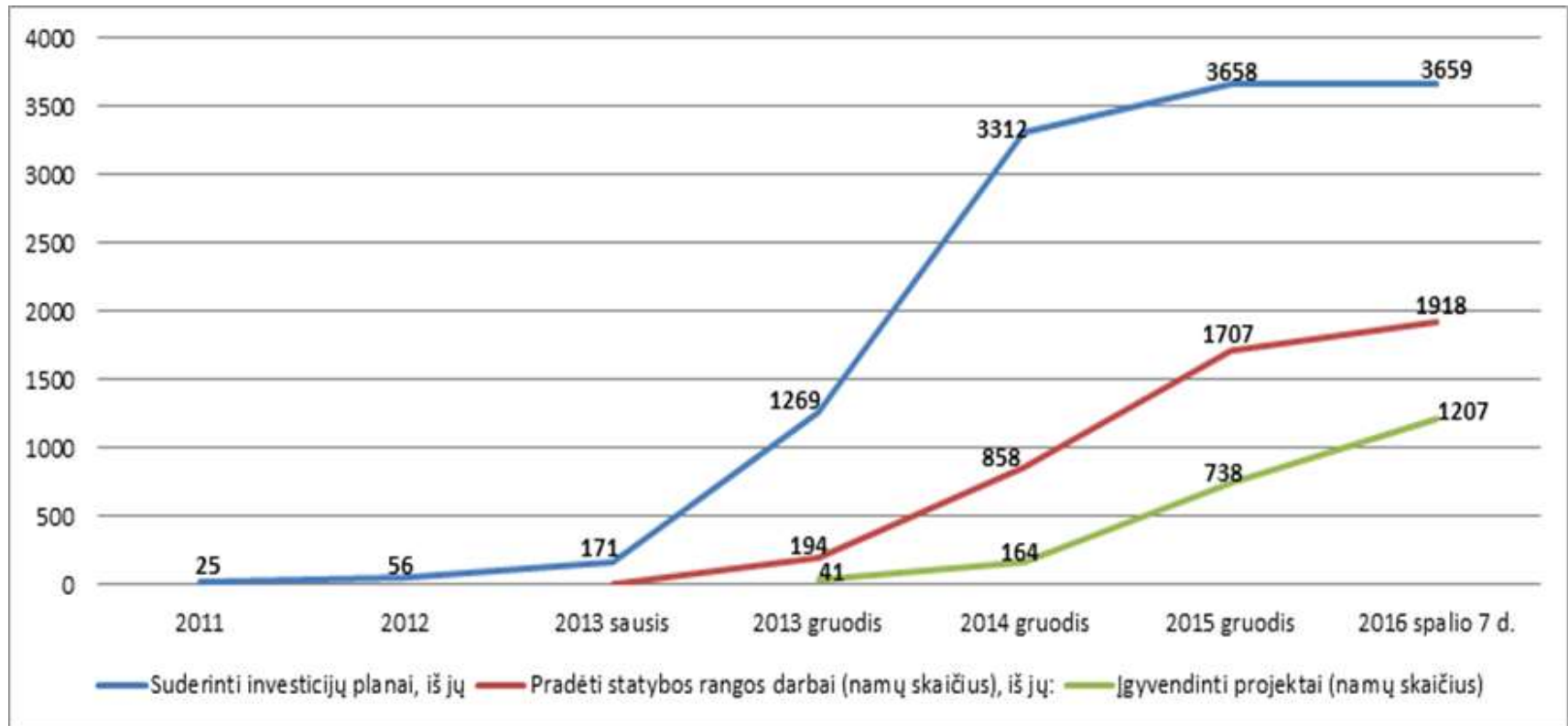


1. Home owners draft investment projects, take loans and implement modernisation on their own initiative

2. Investment projects are based on the Energy Efficiency Programmes approved by the municipalities:

- investment projects are prepared on the municipal initiative;
- projects are implemented by the Programme administrators appointed by the Municipality;
- loans are taken by the Programme administrators;
- programme administrators are responsible for procurement, implementation and financial management





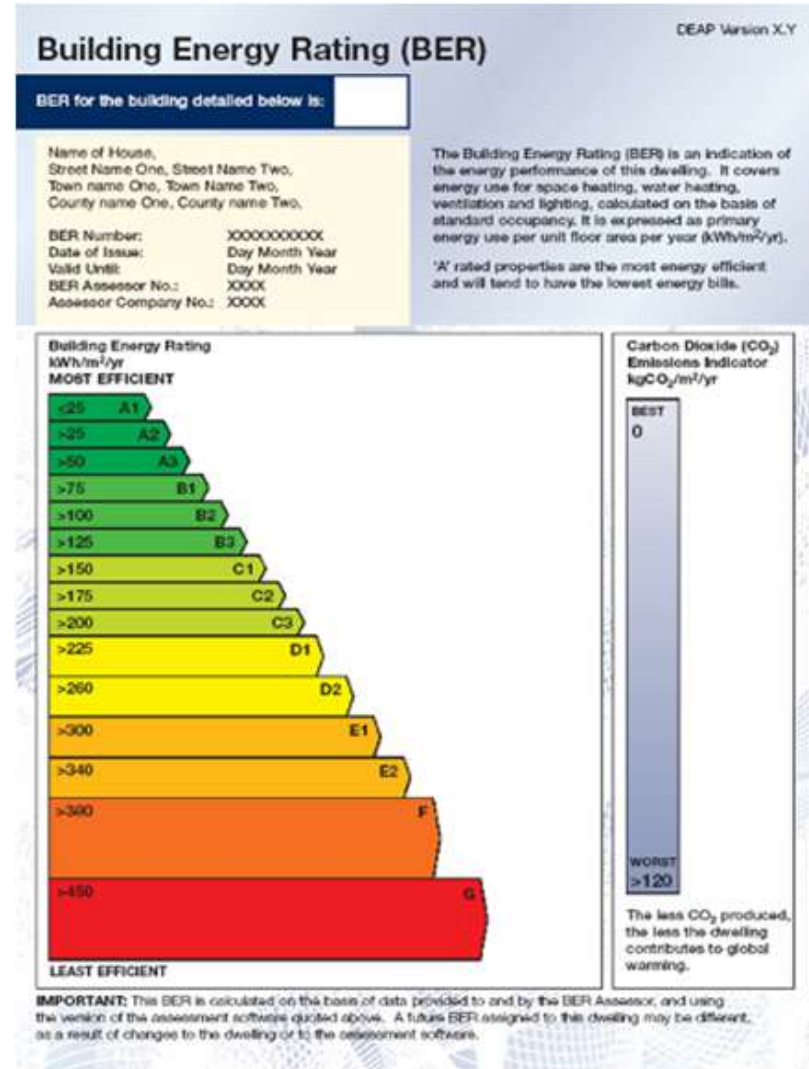
More than **3.650** renewal projects approved since 2013

About 700 multi-apartment buildings are being upgraded

1250 projects completed since 2013

Before the new model - only 50 projects annually

- Constructed before 1993
- Energy audit + energy performance certificate + investment project required
- Majority of owners vote for modernisation (50%+1)
- At least Energy Efficiency Class C
- 100% off costs for technical documentation
- Soft loans with fixed interest rate at 3% through a commercial banks for the max. period of 20 years
- 15% off modernisation costs if energy savings 20%
- Additional 20% off modernization costs if achieved energy savings 40% or more (Climate Change Programme)
- 100% of all costs for low income households



Built in 1964

Number of apartments: **101**

Heated area: **5.670 m²**

Investment: **EUR 0,608 mill.**

Implemented: insulation of walls, roof, windows replacement, glazing of balconies, modernization of heating system

Results:

- energy savings 70%
- class D before, **class B** after
- energy consumption - 60 kWh/m²



Municipalities are encouraged to prepare programs for energy efficiency of urban areas by combining different measures and instruments:

- renovation of multi-apartment buildings
- renovation of public buildings
- modernization of street lightning and other engineering infrastructure

Area of 8,8 ha

41 multi-apartment building:

- renovating all
- energy efficiency >50 %
- investment 140 Eur /m²

1 public building (kindergarten):

- renovation
- energy efficiency >50%
- investment 150,4 Eur /m²

Street lightning ~ 1960 meters:

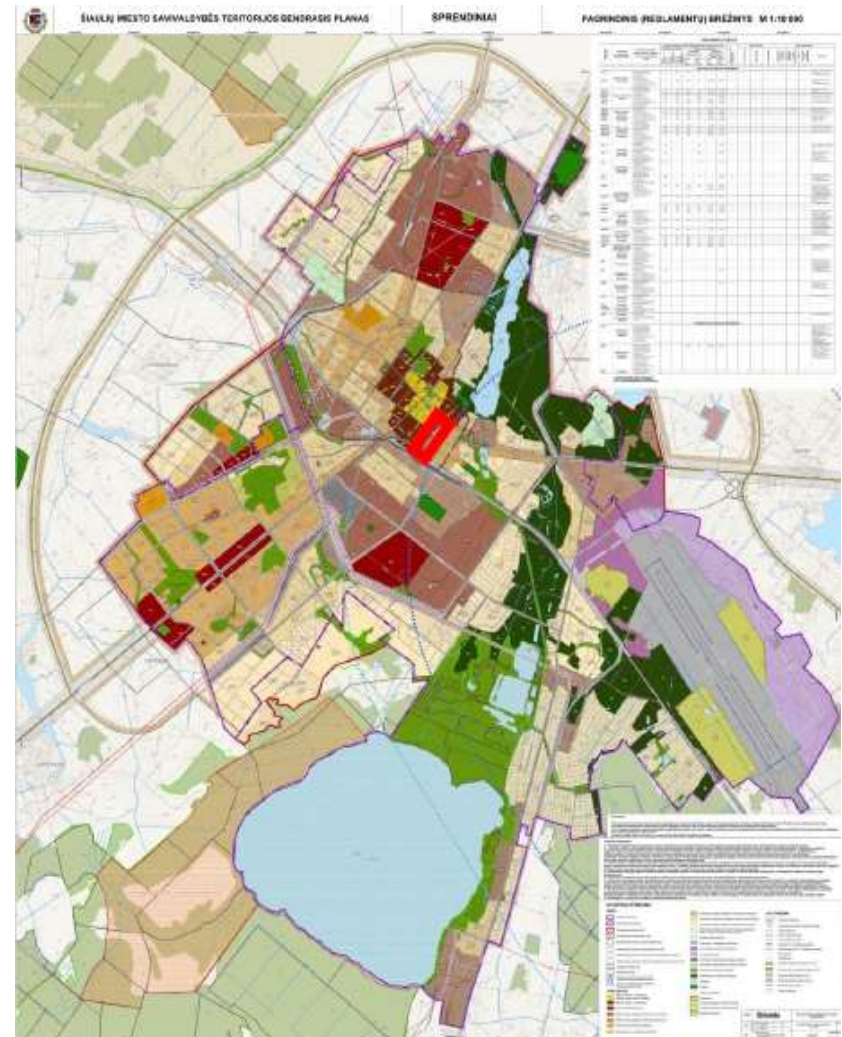
- renovation and installation of LED

Heat supply:

- renovated in 2015

Green Areas:

- renovation





Plans for innovative projects:

Passive house or “plus” house achieved after the renovation of kindergarten

Implementation of alternative energy sources in other renovation

What is already done:

Feasibility study, economical evaluation

Urban area Energy Efficiency Program approved by the City Council and administrators appointed

Program started in 2016, to be completed in 2022

Total investment demand: 15,3 mln. EUR

Expected energy efficiency:

Energy consumption in the urban area will be reduced by 5,9 GWh/ year (approx. 50%)

Energy consumption per one consumer will be reduced by 2550 kWh/ year



Sustainable Buildings in Lithuania



BREEAM - 27
LEED - 6
LPVS - 1



Quadrum Office Building in Vilnius

- All the constructive solutions help using energy efficiently, ensuring the well being of employees and protecting the environment.
- Quadrum's current BREEAM rating is 'Very Good'.
- 85% rented before official opening



LIDL Warehouse in Kaunas

First industrial building in the Baltic states achieved
Bream In-Use
The only building in the Baltics states rated - Exelent

Opportunities for Dutch Companies



Renovation:

Participation as contractor

Supply of new technologies

Supply of materials

Contacts:

Beta: <http://www.betalt.lt/en/>

New buildings:

Real Estate development

Sustainable building

technology supply

Contacts:

Go Vilnius



Global SSC and Business Service Centers

“Most Dynamically Developing City in CEE for Shared Services And Outsourcing”
Award in 2016 and in 2017
Newcomer in ICT – Macaw



VILNIUS



TALK TO US AT GO VILNIUS



Darius Udrys
Director



Giedrius Karsokas
Head of Business



Ina Kanapiene
Real Estate
Manager