



European  
Commission



3<sup>RD</sup>  
**EU MACRO-REGIONAL  
STRATEGIES WEEK**

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#EUMRSWeek

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# POLICIES FOR RENOVATION OF BUILDINGS – THE BEST PRACTICES AND EXAMPLES IN SLOVAKIA

09 March 2022



# Do you know ...?

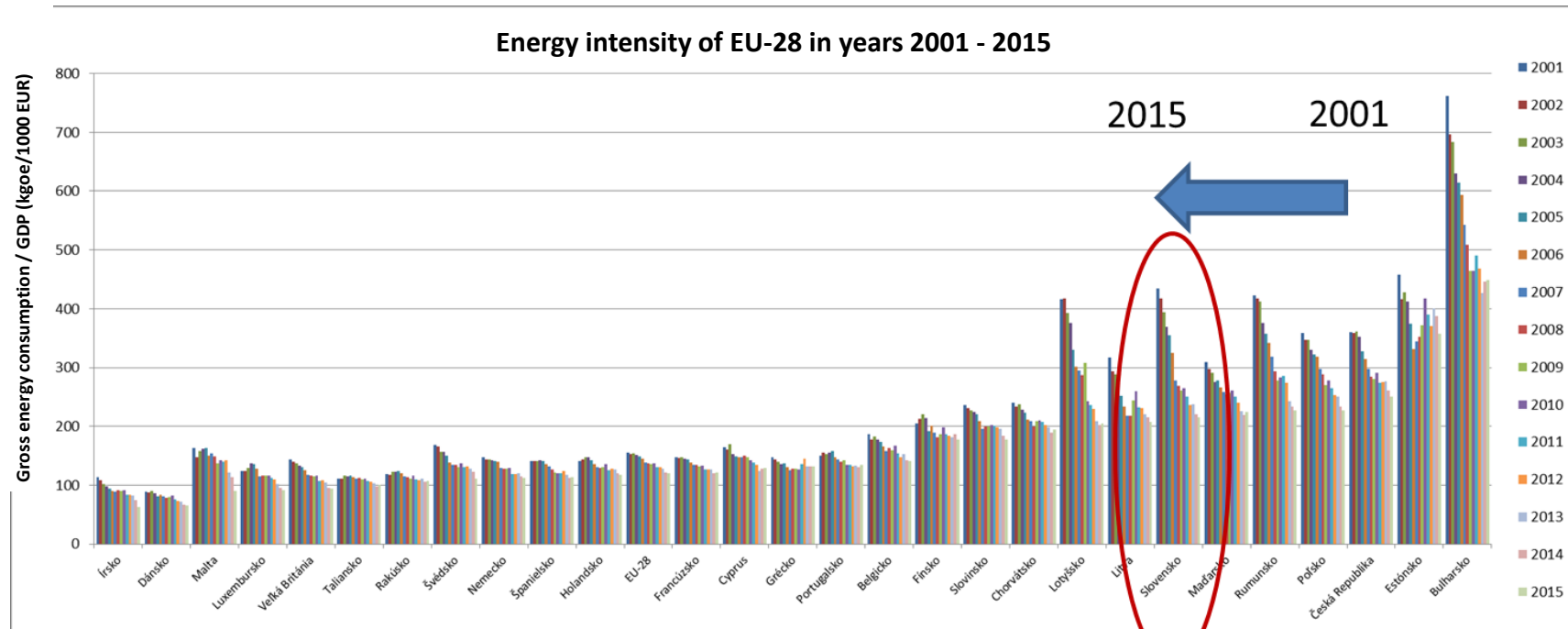
... how many flats in multi-apartment buildings have been (in some form) already renovated in Slovakia in 2019?

- **A) less than 50 %**
- **B) 50 ÷ 65 %**
- **C) 65 ÷ 70 %**
- **D) more than 70 %**



# Energy intensity of Slovakia

Although the energy intensity of the Slovak Republic (kgoe / EUR 1,000) is still above the EU average, the decline after 2000 was one of the highest in the EU.

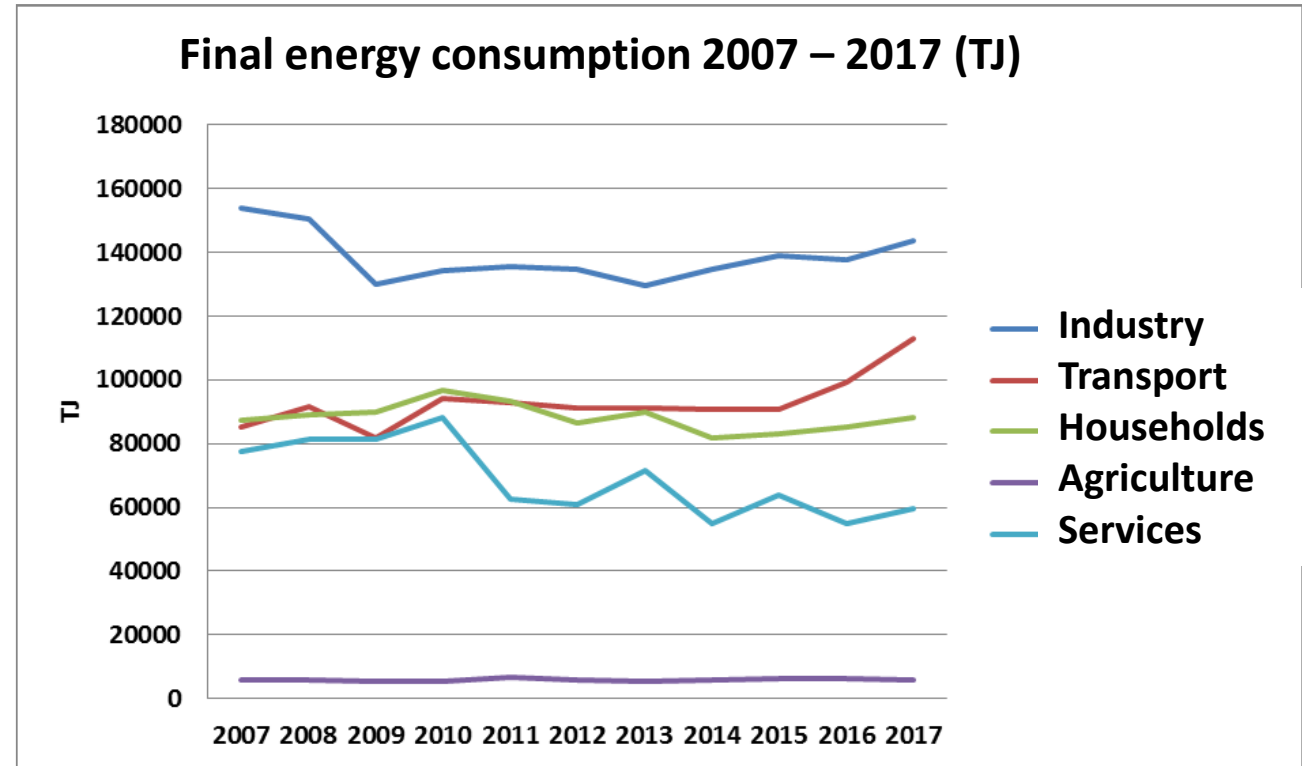


Source: Eurostat 2017, MoE SR



# Strategic documents related to renovation of buildings

- **Integrated National Energy and Climate Plan 2021-2030 (2019)**
- **Long-term renovation strategy of the building stock (2021)**
- **Strategy for the Renovation of the Fund of Residential and Non-Residential Buildings in the Slovak Republic (updated 2017)**



Source: Statistical Office of the SR (2019)

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# Background to renovation of buildings

Number of flats  
 in multi-apartment buildings

**Today situation:**

Flats in multi-apartment buildings

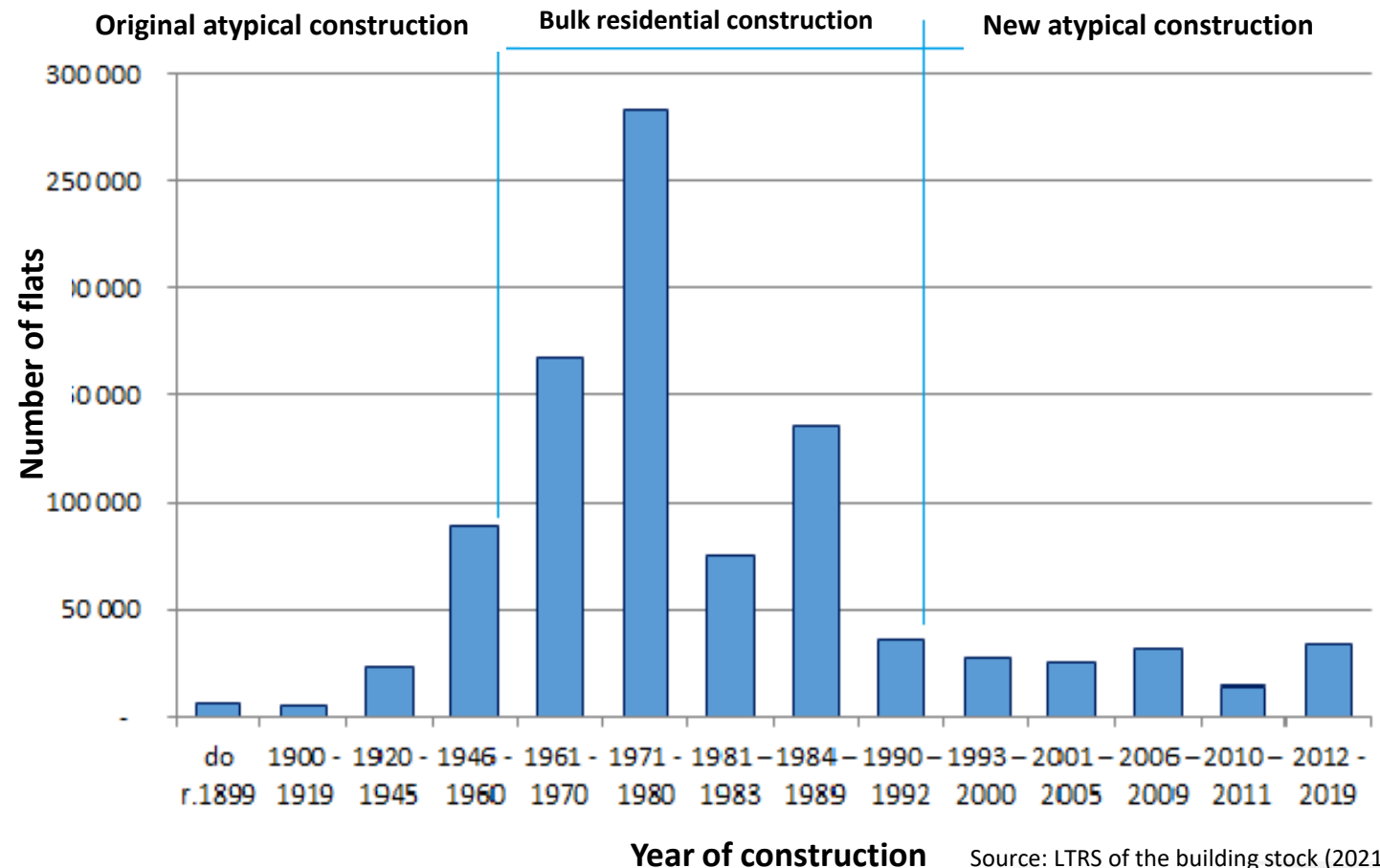
1,06 mil.

Flats in single family houses

1,15 mil.

Renovation rate of single family houses:

1400 ÷ 1800 houses/year



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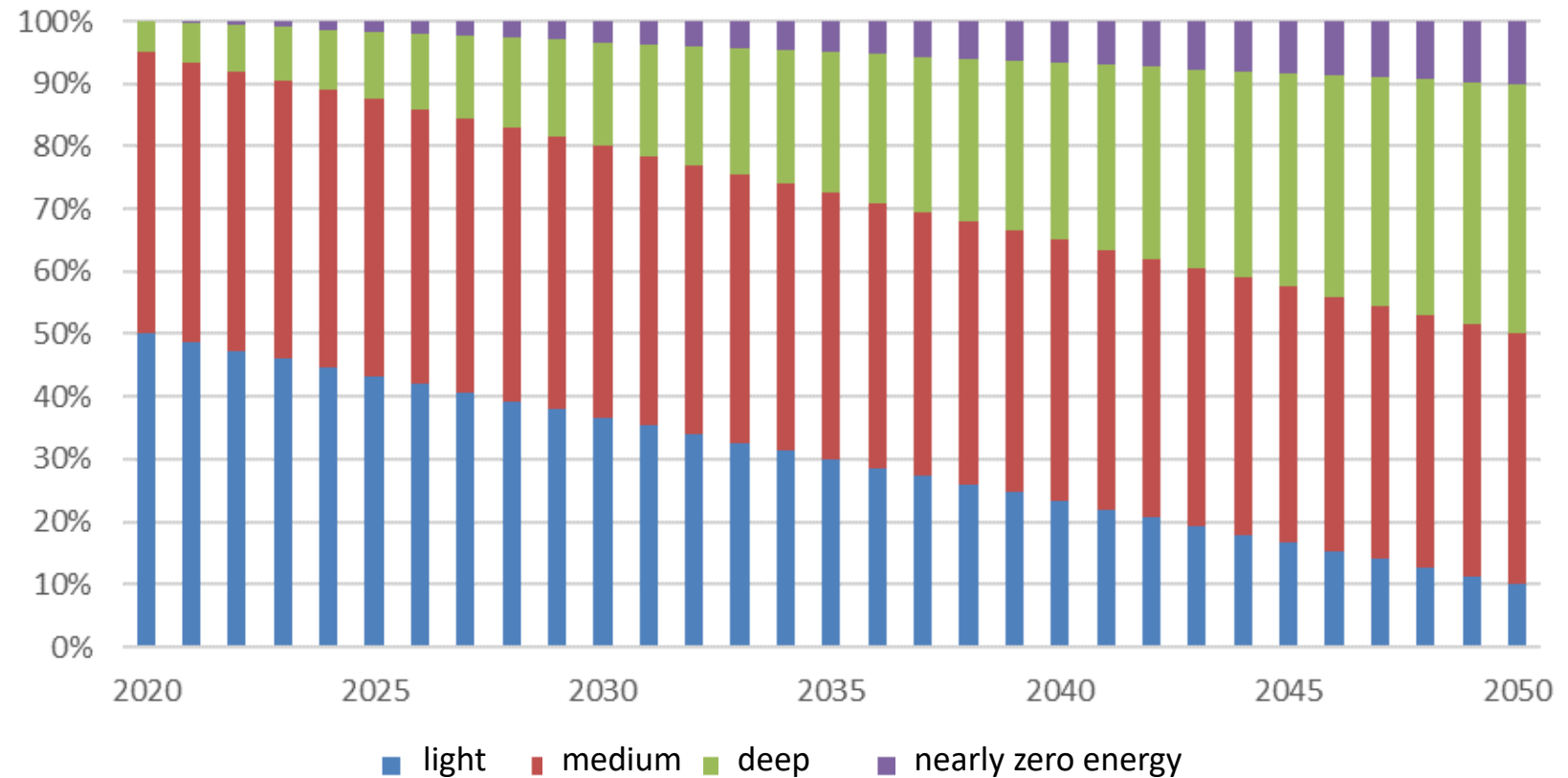


# Strategic documents related to renovation of buildings

- Long-term renovation strategy of the building stock (2021)

focus on increase of deep renovations

Forecast of the renovation rate of buildings in Slovakia until 2050



Source: LTRS of the building stock (2021)



# Selected instruments related to renovation of buildings

From 1992 emphasis on renovation of multi-apartment houses

- **State Housing Development Fund** (preferential/soft loans)
  - renovation of multi-apartment houses
- **State budget** – State subsidy for renovation of single family houses, Programme of housing development, Programme of removing of system failures (grants)  
(Ministry of Transport and Construction of the SR)

**Result (LTRS, year 2019): renovated**

**67,87 % of flats in multi-apartment buildings, 44,97 % of flats in single family houses**

- **EU Structural Funds** (different OPs e.g. OP Quality of Environment, IROP etc.) (grants)
  - renovation of public buildings
  - renovation of industrial buildings

OP  KŽP





# Other supporting instruments for renovation of buildings

- **Live by Energy** (activities also related to buildings)
  - information activities for lay and professional public on energy savings, energy efficiency and RES (supported by ESIF, SIEA, 31,9 mil. EUR, 2016-2023)
  - 5 regional advisory centers, web and information line
  - roadshows, advisory activities on trade fairs (e. g. CONECO), lay and professional conferences, workshops,
  - publications, TV and radio spots, articles in magazines and social media, schools





# Other supporting instruments for renovation of buildings

- **Energy professionally** (NP supported by ESIF, SIEA, 8,2 mil. EUR, 2018-2023)
  - provision of qualified information to 10 types of energy related specialists dedicated to the implementation of low-carbon measures, especially in the field of energy efficiency and the use of RES.
  - Introduction of a system of regular advice and awareness raising for the public sector, energy managers, auditors and energy service providers (all energy related professionals)
  - Platform Support Center (provision of information, create accessible databases and calculation tools usable for the effective application of low-carbon measures, development of 125 energy audits for guaranteed energy services in public sector)





# Other supporting instruments for renovation of buildings

- Green for households I / II**

(ESIF – OP Quality of Environment 2014-(2023), Priority axis 4: Energy efficient low-carbon economy in all sectors, SIEA, 2015-2018 – 45 mil. EUR, 2019-2023 – 48 mil. EUR)



- focused on promotion of small-scale RES installations for single family and residential houses, system is also indirectly supporting qualified RES installers



Photovoltaic panels



Solar thermal panels



Heat pumps



Biomass boilers

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	Green for Households I 2015 – 2018		Green for Households II 2019 – 2023	
Budget	45 mil. €		48 mil. €	
	Target	Values as of 31.12.2018	Target	Values as of 01.03.2022
Number of supported households	14 300	18 501	21 000	17 481
Installed output of devices (cumulative)	55 MW	141,6 MW	140 MW	152,4 MW
Estimated yearly CO <sub>2</sub> emission reduction	15 038 t	55 494 t	45 000 t	54 565 t





# Other supporting instruments for renovation of buildings



- H2020 projects **Build Up Skills - StavEdu & CraftEdu** (SK, CZ, AT, BG)
  - sustainable national qualification and education scheme for construction craftsmen and on-site workers (StavEdu (in SK - 9)); CraftEdu (in SK - 5 – Carpenter; Window and door installer; Waterproofer (for flat roofs); Low- / high-current electrician)



- H2020 project **Green Deal for Buildings**
  - establishment of round tables through which the Smart Finance for Smart Buildings (SF4SB) initiative will be implemented (in SK and CZ); preparation of road maps and action plans in close cooperation with relevant stakeholders and regulatory bodies (in SK - WGs: Sustainable energy, Construction sector and value chain, Financing of sustainable investment)

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# Next steps for renovation of buildings

- **Recovery and resilience plan** (2021, in total approx. 6,575 bil. EUR)  
Support area 1 – Green economy; Component 2 – Renovation of buildings

Aim: reduce energy consumption and thus contribute to reducing CO2 emissions and air pollution – 2 new **investment activities**:

- Improving the energy performance of **single family houses** – 506,03 mil. €  
(Slovak Environmental Agency, calls from 3Q/2022)  
(support up to 50 % of eligible costs, min. savings of 30 % of primary energy, if over 60 % savings – financial bonification, max. support up to 16 600 EUR, target – renovation of 30 000 single family houses)
- Renovation of **historic and listed public buildings** – 200,18 mil. €  
(Ministry of Transport and Construction of the Slovak Republic)



# Next steps for renovation of buildings

- EU Structural Funds 2021-2027 – Partnership agreement – **Programme Slovakia**  
Priority - Energy efficient low carbon green economy (under negotiations yet)

## SG 2.1 - Support for energy efficiency measures

(activities: improving energy efficiency in **enterprises** (incl. **buildings**);  
reducing the energy intensity of buildings (focus on **cost-effective deep renovation** of both **public and residential buildings**, installation of **RES** and application of elements to protect biodiversity and green infrastructure);  
**awareness raising and systematic support** for energy saving measures incl. regional energy centres)

## SG 2.2 - Promotion of energy from renewable sources

(activities: Support for the use of **RES in households** (innovation of the project "Green for households"))

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# Q&A?



# Thank you!

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