

Workshop: „Climate-neutral housing –
Decarbonizing the housing stock in an
inclusive and affordable way“



The case of Slovakia

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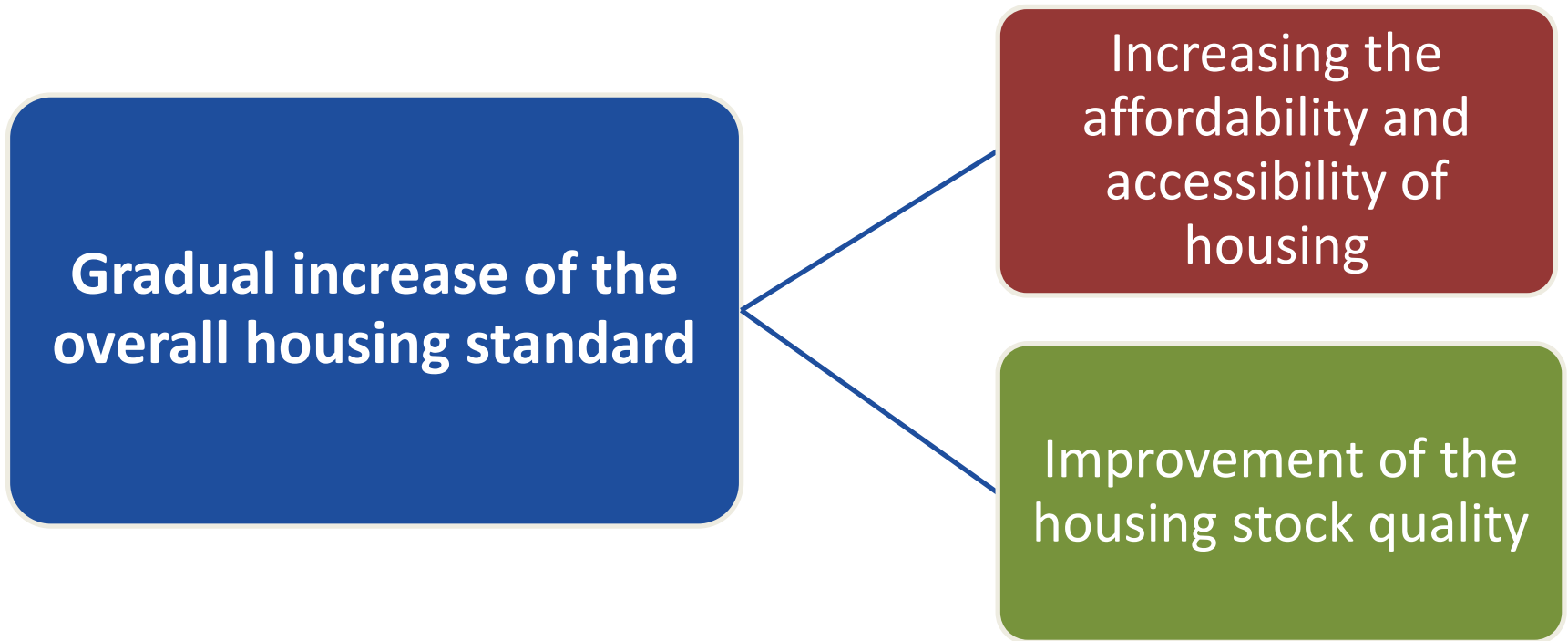
Housing in Slovakia – Basic facts

Census 2021

- **5 449 270** inhabitants
- **2 235 586** dwellings (49% family houses, **47% multifamily high-rised buildings**)
- **410** dwellings per 1,000 inhabitants (Hungary 429 dwellings; Czech Republic 455 dwellings; EU average 488 dwellings per 1,000 inhabitants)
- **91,5 % - owner occupied**, only **2,5 % - public rental housing**
- 16 000 dwellings \Rightarrow average number of dwellings constructed yearly
- More than **70% of housing stock built before 1990**

Energy performance of buildings

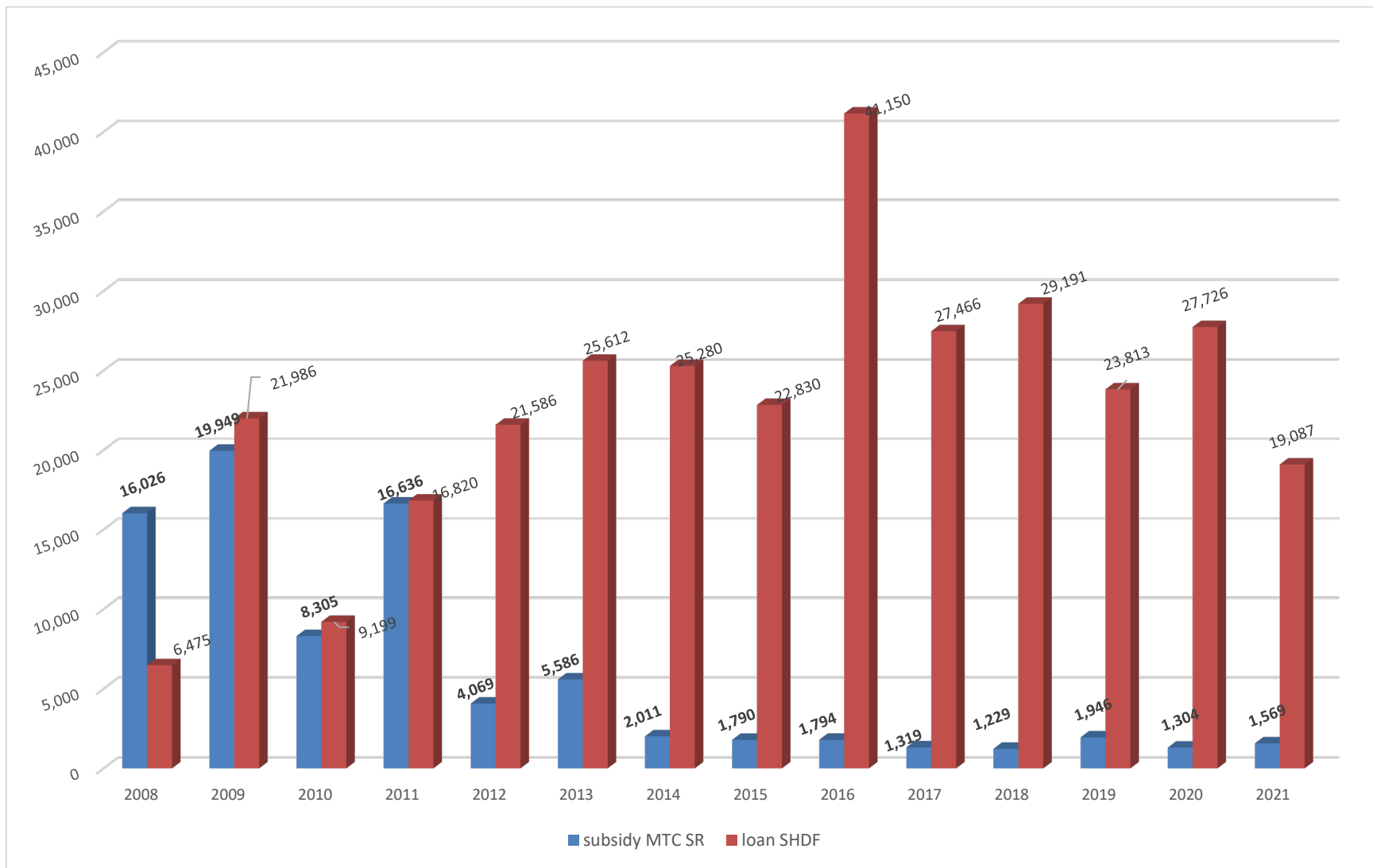
- Energy performance standards
 - ✓ All new buildings from 1.1.2021 NZEB.
 - ✓ The existing building must fulfill the requirements set for new buildings.
- Long term building renovation strategy (2021)
 - ✓ Increasing the number of buildings with deep renovation is a basic prerequisite for achieving a highly energy efficient and decarbonised building stock by 2050.
 - ✓ The long-term goal is to achieve the reduction of the greenhouse gas emissions in the EU between 80% and 95% comparing to 1990. As to the buildings in the SR it means the reduction of approx. 1,8 MtCO₂ produced in building heating and cooling systems.
 - ✓ According to our estimate, we expect savings of 19.000 GW/h yearly by 2050 and that brings reduction of 87% from actual CO₂ production in all types of buildings.



Economic instruments supporting housing development

- Building savings scheme (1992)
- Mortgage banking (1994)
- **State Housing Development Fund (1996)**
- **Subsidies provided by the Ministry of Transport and Construction of the SR (Programme of housing development, 1998)**
- Programme of state support for refurbishment of the housing stock in form of provision of bank guarantees for loan (2005)
- Single family houses thermal insulation support (2016)

Number of refurbished dwellings with the State support



Housing refurbishment in the Slovak Republic

	Dwellings in residential buildings	Dwellings in family houses	Total
Census 2011	931 605	1 008 795	1 940 400
Refurbished dwellings to 31.12.2013	469 319	336 415	805 734
Share of refurbishment %	50,38	33,35	41,52
Refurbished dwellings to 31.12.2016	543 406	378 271	921 677
Share of refurbishment %	58,33	37,5	47,5
Refurbished dwellings to 31.12.2019	632 301	431 846	1 064 165
Share of refurbishment %	67,87	44,97	54,84

Source: Long-term renovation strategy, 2021

- More than 450 000 dwellings supported by the State instruments (SHDF loan, MTC SR subsidy)

Thank you for your attention.

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