



**Wooden buildings in Slovenia**  
**Slovenian public opinion on Wooden Buildings**

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# Facts about wooden buildings in Slovenia

## Statistical Portrait

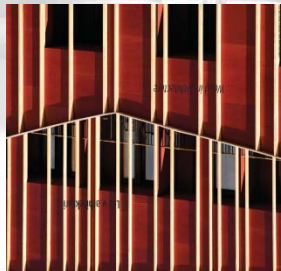
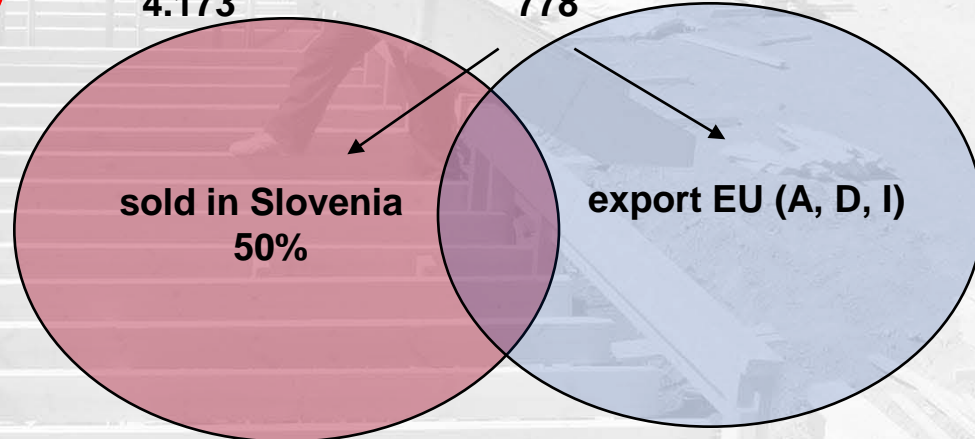
Domestic housing represents more than 50% Slovenia's constructing industry.

Domestic housing:

- brick houses – 56%
- concrete and mixed constructions – 16%
- wooden buildings – 10%
- use of other materials – 28%

Slovenia is the 3<sup>rd</sup> most wooded country in Europe.

Total area (1000 km <sup>2</sup> )	Population (mio)	Wood %	Building units number/year	Wood building – houses production (number)
20	2	52	4.173	778



# Hypothesis

**The main reason for today's low occurrence of prefabricated wooden buildings is the lack of public knowledge**

**The aim: Public opinion on wooden buildings**

## **Methodology:**

Data collection period: 16. May-3. Junij 2006, all Slovenia

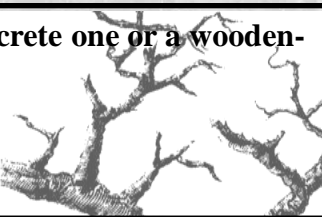

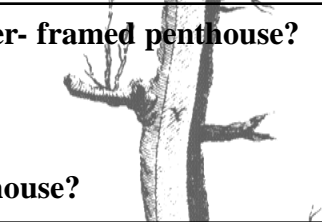


Data collection method: CATI- computer associated telephone interviewing

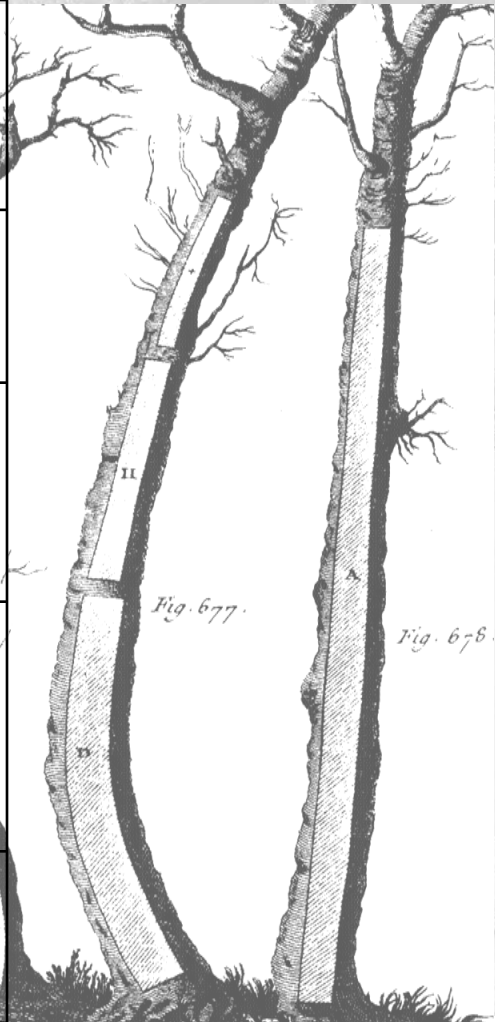
Sample size: n= 628

Interviewed population: from 25 to 40 years

Weight: representative by gender, age and education

# Questionnaire

1	<p>If you were to build a house, what would you prefer a traditional brick-concrete one or a wooden-prefabricated house?</p> <p>a.) a traditional brick-concrete building</p> <p>b.) wood prefabricated building</p> <p>1a. Why wouldn't you decide for wood building?</p>	
2	<p>Are you familiar with the advantages of wooden buildings?</p> <p>a.) yes</p> <p>b.) no</p> <p>2a. What are the advantages of wooden buildings?</p>	
3	<p>If you were looking to increase your living space, would you consider a timber-framed penthouse?</p> <p>a.) yes</p> <p>b.) no</p> <p>c.) maybe</p> <p>3.b. Why wouldn't you consider for a timber-framed penthouse?</p>	
4	<p><b>Statements about wooden building, ecology and healthy living space:</b></p> <ul style="list-style-type: none"> <li>- Government should increase spending for ecological building.</li> <li>- Wood is suitable material for external walls, floor elements, windows, stair elements,...</li> <li>- Timber is suitable material for constructions.</li> <li>- Ecological building is expensive.</li> <li>- Wooden building enable healthier living than traditional brick-concrete building.</li> </ul>	
5	<p>Are you familiar with passive house (ultra-low energy building)?</p> <p>a.) yes</p> <p>b.) no</p> <p>5.a. What are the advantages of passive house?</p>	



# If you would build a house, what would you prefer a traditional brick-concrete one or wood- prefabricated house?

*Wouldn't build a house* *Don't know*

2%

4%

**Wood pre-fab house**

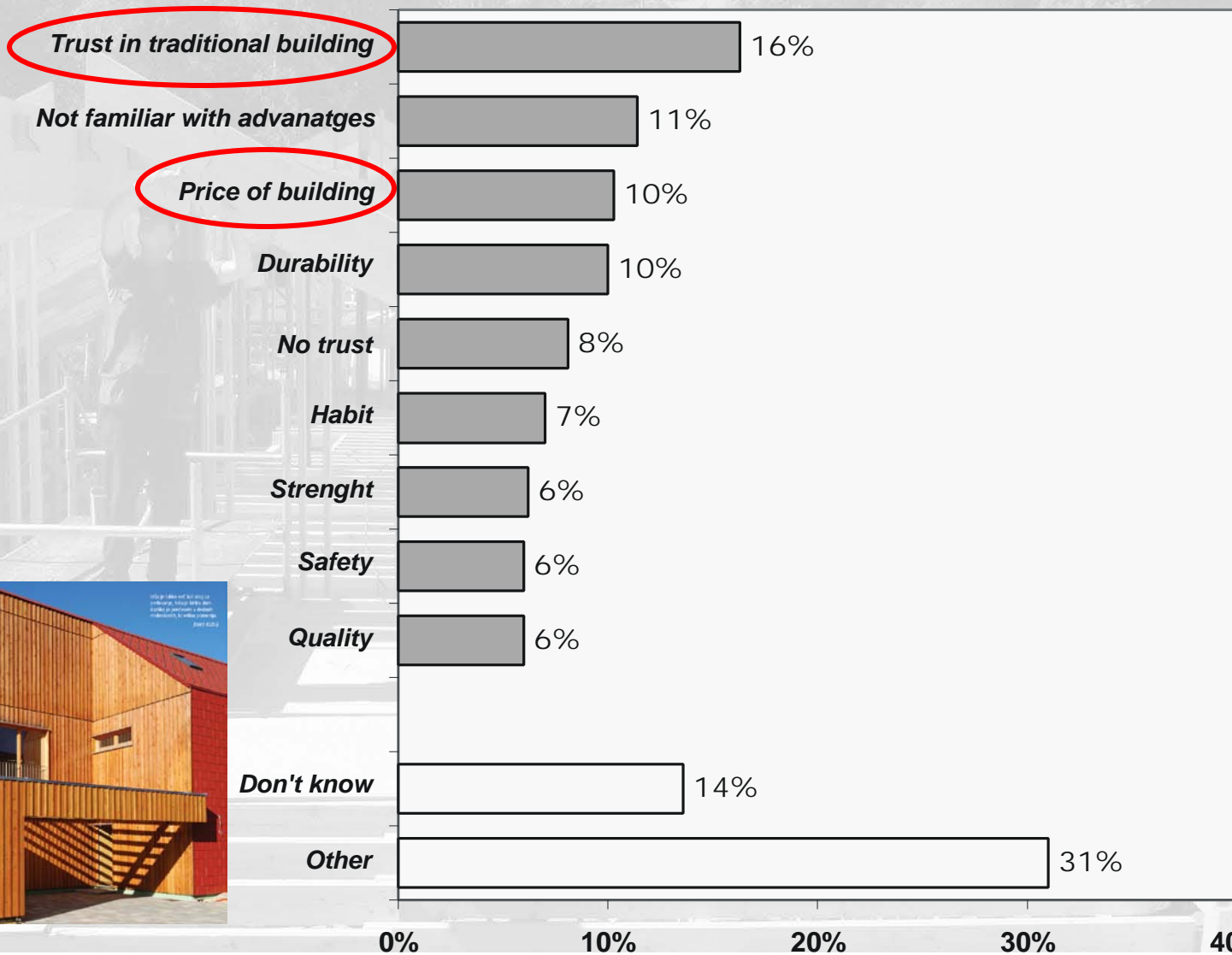
34%

**Brick-concrete building**

60%

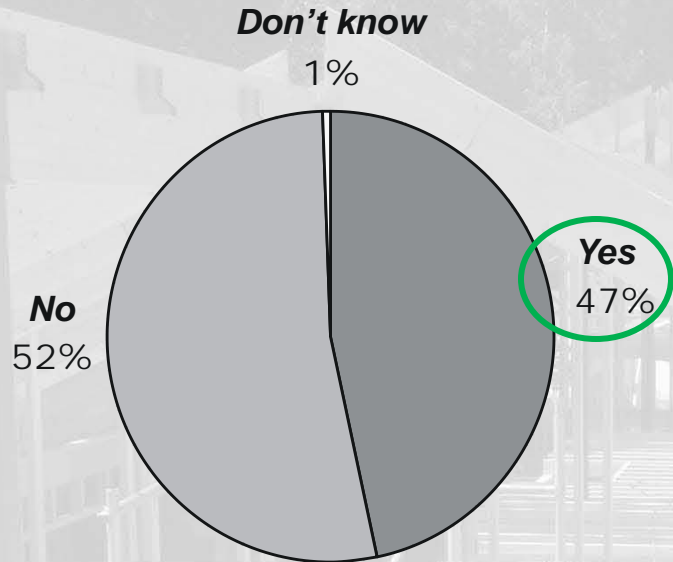


# Why do consumer not build more wooden houses?

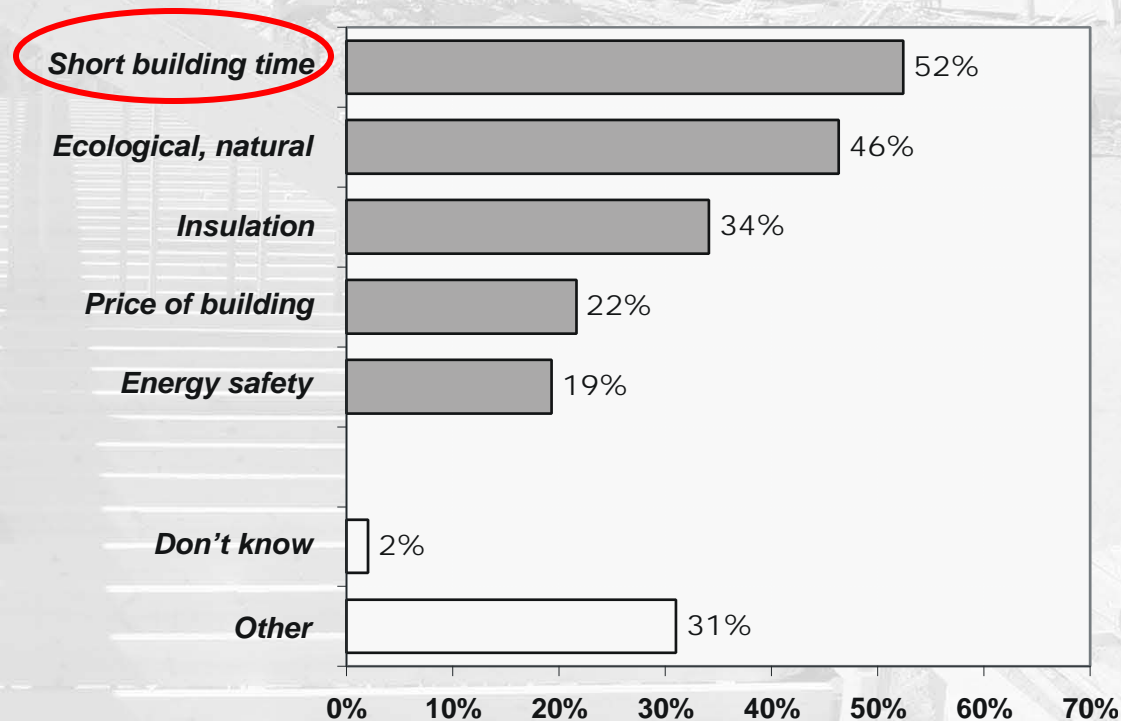


# Advantages of wooden buildings

Are you familiar with the advantages of wooden buildings?



What are the advantages of wooden buildings?

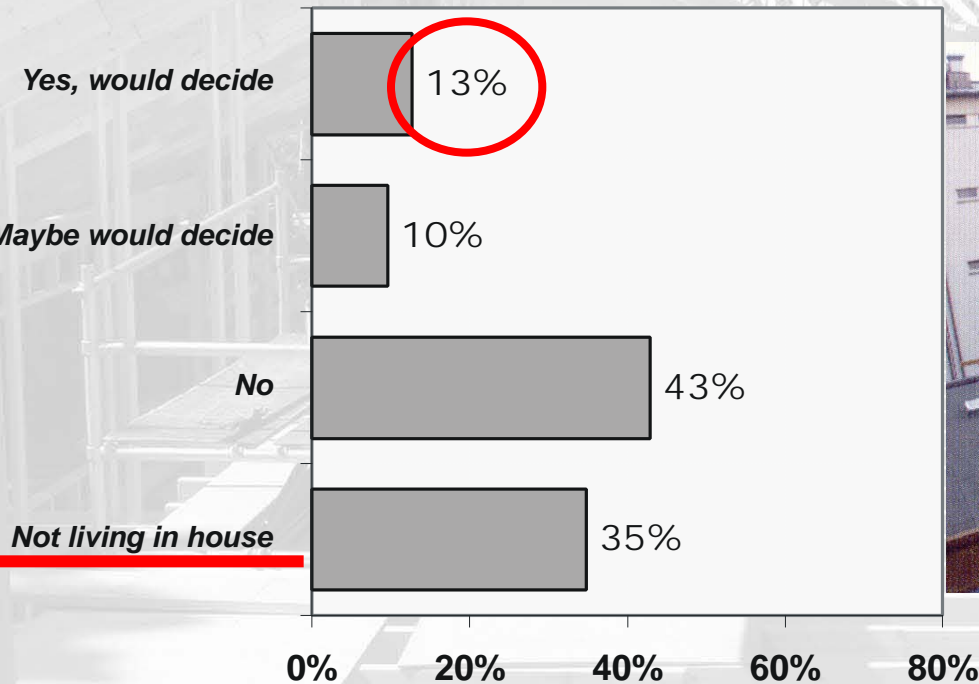


Hiša Altea, Marles

# Timber frame penthouse extension



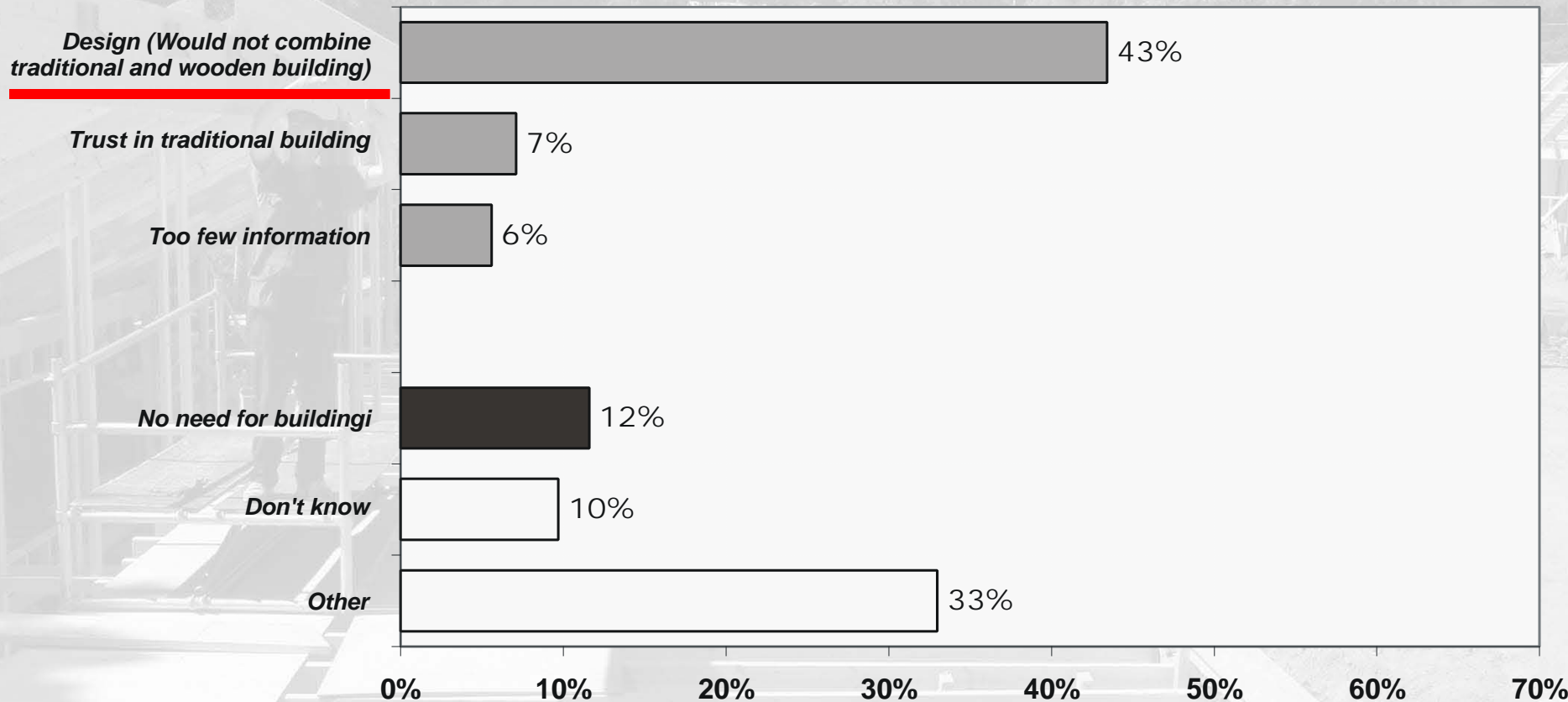
If you were looking to increase your living space, would you consider a timber framed penthouse?



Example: Wien



# Why wouldn't you opt for a timber-framed penthouse extension?



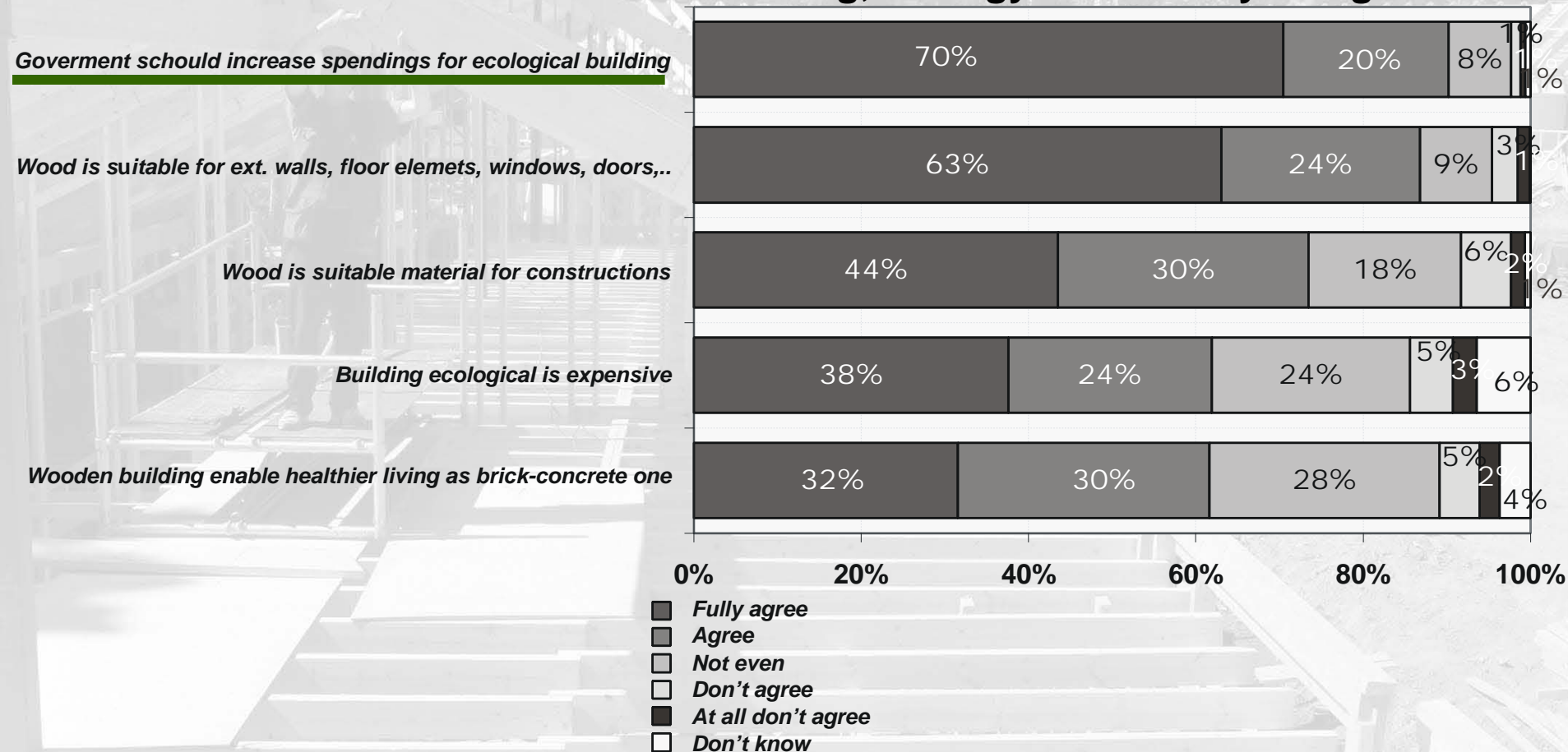
**Reasons against timber framed penthouse extensions**



# Ecology and healthy living

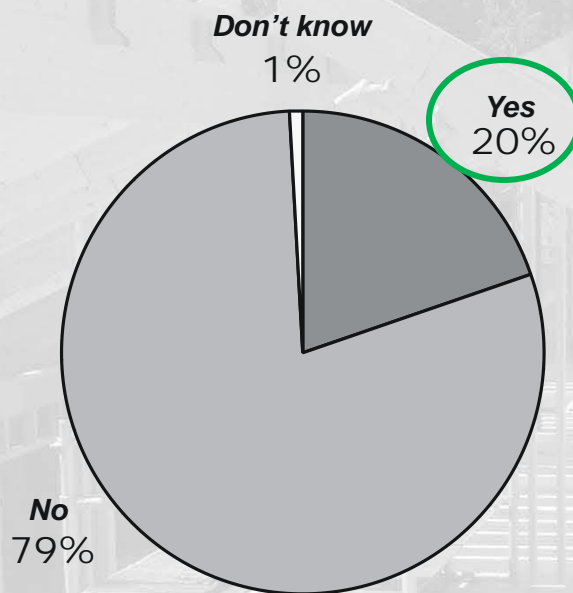


## Statements about wooden building, ecology and healthy living

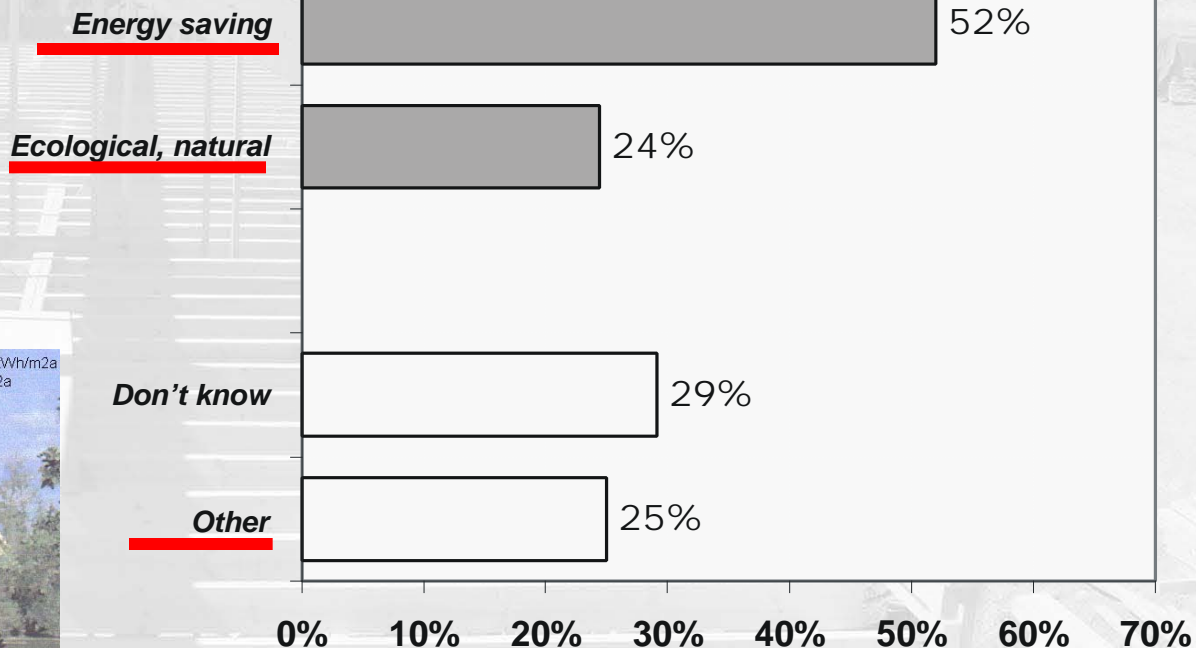


# Passive house (PH)

Are you familiar with Ultra-low energy house - PH?



What are the advantages of PH in your option?



## Conclusions:

**The current public opinion about wooden building in Slovenia is that the majority would mostly choose a brick-concrete building. It is shown that the main reason for low rating of the prefabricated houses is the lack of knowledge.**

**Trend for increasing healthy living, the use of natural resources and materials and energy saving buildings have been identified.**

**In next 5 years there is likely to be a shortage of single-family houses. We can predict marked increase in the use of wood construction and increasing need for renovation.**

