A priedas. Apklausos anketų pavyzdžiai

Respected Sir/Madam.

I would like to kindly ask you as expert in heritage to contribute to my research by filling in this survey. The survey will take you ca 15 Minutes.

This survey is in the framework of the PhD at the Vilnius Gediminas Technical University, Department of Construction Management and Real Estate.

Data will be used anonymously. Results can be shared with you after the survey is completed upon request.

Thank you!

Contact Email: miroslavas.pavlovskis@vgtu.lt

A case study of Sapieha Palace in Vilnius, Lithuania

The object of the research is the Sapieha Palace (in Lithuanian: Sapiegų rūmai; in Polish: Pałac Sapiehów w Wilnie). It is a High Baroque palace in Antakalnis district in Vilnius, Lithuania. The palace, ordered by Polish prince and Great Hetman of Lithuania Jan Kazimierz Sapieha the Younger, was built in Baroque style in 1689-1691. The palace was designed by Giovanni Pietro Perti and decorated with frescos by Michelangelo Palloni. The exterior of the palace was restored in 1843-1848 and in 1927-1928.

According to the data of the Register of Cultural Property, the Sapieha residence was awarded as a cultural monument of national level. The nature of valuable properties is an unique architectural, historical and artistic object.

The building is not in operation currently

Within the framework of the case study, three possible conversion alternatives are suggested:

- A_1 – Tourism Information Center with a Museum (a center of cultural cognition);
- A_2 – Research Institution (to explore the history of heritage, architecture, contemporary trends in science and education);
- A_3 – Hotel with a Conference Center (beauty of the Palace and its area equipped with the right infrastructure provide an opportunity for a very high standard Hotel).

Criteria system for assessing conversion solutions:

❖ **Assessing relative significance of criteria for conversion solutions**

Please <u>rank groups of criteria </u>as well as <u>to rank criteria in each group</u>.

<u>Scale for ranking:</u>

5 – an extremely important criterion;

4 – a very important criterion;

3 – an important criterion;

2 – a less important criterion;

1 – the least important criterion.

• Please fill a table by assigning an appropriate rank number to a group of criteria (please do not repeat the same number):

Group of criteria (G)	Rank
Economic benefit/expenses of changes (G_1)	
Influence to social environment (G_2)	
Impact on natural environment (G_3)	
Historical – cultural value preservation (G_4)	
Technological – architectural possibilities (G_5)	

- Please fill the tables by assigning an appropriate rank number to each criterion in a group (please do not repeat the same number):

Economic benefit/expenses of changes (G1) Criteria	Rank
• X_1 - investment to investigation and research;	
• X_2 - investment in design;	
• X_3 - investment in reconstruction works;	
• X_4 - generating income for the municipality / city;	

Influence to social environment (G2) Criteria	Rank
• X_5 - job creation for municipal / city residents;	
• X_6 - benefits for city / country society;	
• X_7 - benefits for private business;	
• X_8 - benefits for heritage preservation;	

Impact on natural environment (G3) Criteria	Rank
• X_9 - preserving the surrounding landscape;	
• X_{10} - possibilities of park use for public needs and recreation;	
• X_{11} - pollution during reconstruction works;	
• X_{12} - pollution during operation of the facility;	

Historical – cultural value preservation (G4) Criteria	Rank
• X_{13} - preserving the building's authenticity;	
• X_{14} - activities that help disseminate history, culture;	
• X_{15} - public access to heritage and history;	
• X_{16} - technical-economic value of an object;	
• X_{17} - architectural-compositional value of an object;	

Technological – architectural possibilities (G5) Criteria	Rank
• X_{18} - volume of reconstruction works;	
• X_{19} - suitability of the internal layout for the purpose of conversion;	
• X_{20} - infrastructure adaptation possibilities;	
• X_{21} - lifetime of the building after reconstruction.	

❖ **Assessing values of criteria for a particular conversion alternative**

Experts are asked <u>to evaluate the alternatives according to all the criteria</u> using the linguistic scale as presented in the Table.

A scale for evaluation of alternatives in terms of criteria

Linguistic Scale	For benefit criteria (maximizing)	For cost criteria (minimizing)
Very low (very poor)	1	9
Low (poor)	3	7
Medium	5	5
High (good)	7	3
Very high (very good)	9	1

- Please fill a table by assigning an appropriate number to evaluate the alternatives according to all the criteria:
- *Example: How beneficial is the option for generating income for the city (x4) if a Tourism Information Centre is built (A1)? Example answer: it is of medium value/expected benefit is neither low nor high. Enter in box: 5*

Criteria	Conversion alternatives		
	A₁ – Tourism Information Center with a Museum	**A₂ –** Research Institution	**A₃ –** a Hotel with a Conference Center
X_1 – monetary investment to investigation and research (min*);			
X_2 - monetary investment in design (min);			
X_3 - monetary investment in reconstruction works (min);			
X_4 - generating income for the municipality / city (max**);			
X_5 - job creation for municipal / city residents (max);			
X_6 - benefits for city / country society (max);			
X_7 - benefits for private business (max);			
X_8 - benefits for heritage preservation (max);			
X_9 - preserving the surrounding landscape (max);			
X_{10} - possibilities of park use for public needs and recreation (max);			
X_{11} - pollution during reconstruction works (min);			
X_{12} - pollution during operation of the facility (min);			
X_{13} - preserving the building's authenticity (max);			
X_{14} - activities that help propagate history, culture (max);			
X_{15} - public access to heritage and history (max);			
X_{16} - technical-economic value of an object (max);			
X_{17} - architectural-compositional value of an object (max);			
X_{18} - volume of reconstruction works (min);			
X_{19} - suitability of the internal layout for the purpose of conversion (max);			
X_{20} - infrastructure adaptation possibilities (max);			
X_{21} - lifetime of the building after reconstruction (max).			

* Min – minimizing (cost) criterion, the lower value is better
**Max – maximizing (benefit) criterion, the higher value is better

Some questions about your experience.

What is your expertise? (tick one or more)

☐ Engineering,

☐ Architecture,

☐ Art history,

☐ Heritage Conservation Studies,

☐ Maintenance,

☐ Structural Engineering

☐ Construction

☐ Other:_____

Where are you working? (tick one or more)

☐ At University,

☐ In Industry,

☐ As Consultant/ Self-employed,

☐ Other:_____

What is your highest (academic) degree? (tick only one)

☐ Bachelor,

☐ Master,

☐ PhD,

☐ Prof and above

☐ Other education/ apprenticeship:_____

Respected Sir/Madam.

I would like to kindly ask you as expert in heritage to contribute to my research by filling in this survey. The survey will take you ca 15 Minutes.

This survey is in the framework of the PhD at the Vilnius Gediminas Technical University, and research in the University of Bamberg.

Data will be used anonymously. Results can be shared with you after the survey is completed upon request.

Thank you!

Contact Email: miroslavas.pavlovskis@vgtu.lt

A case study of Historic railway depot in Bamberg, Germany

The object of the research is the historic railway depot (in German: Historisches Bahnbetriebswerk Bamberg). Railway depot today consists of several buildings listed as a monument in the Bavarian monument list, which were built between the years 1895 and 1940. There are two wagon repair workshops, two roundabouts with turntables, office and reservoir building, gate, bath house, bunker, associated track and maintenance systems. All buildings are brick-built, typical of industrial buildings of the 20th century.

According to the data of the "Denkmalnetz Bayern", the eastern engine shed was sold a few years ago to a Bamberg haulage company, which from a preservation point of view, the insertion of the roof and the dismounting of the large wing doors as a conservation measure against uncontrolled decay accompanied by the attachment of a wooden scaffold for the semicircular facade. The western, structurally with collapsing roofs and destroyed window openings obviously completely abandoned, is still the property of "Deutsche Bahn".

The building is not in operation currently. At present, no rescue measures are in sight. The decay proceeds almost unhindered despite existing legal bases.

Within the framework of the case study, three possible conversion alternatives are suggested:

- A_1 – Tourism Information Center with a Museum and Research Institution (to explore the history of heritage, architecture, contemporary trends in science and education)
- A_2 – The Center for Culture and Arts (with Theatre, Concert Hall and exhibition space)
- A_3 – A Farm Shop for gardeners and farmers of the surrounding area. (the area is surrounded by large areas for agricultural use, as well regional products are part of a sustainable life)

Criteria system for assessing conversion solutions:

❖ **Assessing relative significance of criteria for conversion solutions**

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Influence to social environment (G_2)	
Impact on natural environment (G_3)	
Historical – cultural value preservation (G_4)	
Technological – architectural possibilities (G_5)	

- Please fill the tables by assigning an appropriate rank number to each criterion in a group (please do not repeat the same number):

Economic benefit/expenses of changes (G1) Criteria	Rank
• X_1 - investment to investigation and research;	
• X_2 - investment in design;	
• X_3 - investment in reconstruction works;	
• X_4 - generating income for the municipality / city;	

Influence to social environment (G2) Criteria	Rank
• X_5 - job creation for municipal / city residents;	
• X_6 - benefits for city / country society;	
• X_7 - benefits for private business;	
• X_8 - benefits for heritage preservation;	

Impact on natural environment (G3) Criteria	Rank
• X_9 - preserving the surrounding landscape;	
• X_{10} - possibilities of park use for public needs and recreation;	
• X_{11} - pollution during reconstruction works;	
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Historical – cultural value preservation (G4) Criteria	Rank
• X_{13} - preserving the building's authenticity;	
• X_{14} - activities that help disseminate history, culture;	
• X_{15} - public access to heritage and history;	
• X_{16} - technical-economic value of an object;	
• X_{17} - architectural-compositional value of an object;	

Technological – architectural possibilities (G5) Criteria	Rank
• X_{18} - volume of reconstruction works;	
• X_{19} - suitability of the internal layout for the purpose of conversion;	
• X_{20} - infrastructure adaptation possibilities;	
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Criteria	Conversion alternatives		
	A₁ – Tourism Information Center with a Museum and Research Institution	**A₂ –** The Center for Culture and Arts	**A₃ –** A Farm Shop for local gardeners and farmers.
X_1 – monetary investment to investigation and research (min*);			
X_2 - monetary investment in design (min);			
X_3 - monetary investment in reconstruction works (min);			
X_4 - generating income for the municipality / city (max**);			
X_5 - job creation for municipal / city residents (max);			
X_6 - benefits for city / country society (max);			
X_7 - benefits for private business (max);			
X_8 - benefits for heritage preservation (max);			
X_9 - preserving the surrounding landscape (max);			
X_{10} - possibilities of park use for public needs and recreation (max);			
X_{11} - pollution during reconstruction works (min);			
X_{12} - pollution during operation of the facility (min);			
X_{13} - preserving the building's authenticity (max);			
X_{14} - activities that help propagate history, culture (max);			
X_{15} - public access to heritage and history (max);			
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X_{18} - volume of reconstruction works (min);			
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