

Innovative Models of The Monuments Conservation

Examples of The Best practises From Slovakia



Country in transition..



Rural heritage..

Jewish Heritage..



Chatasm
Sofer 1762–
1839



Jewish Cemetery
1943, Bratislava,



To be “preserved encased in Monument Memorial
concrete“
2002



River park 2008,
29 000 m²



Mannor Houses, town centres...



Changes of the traditional conservation paradigm

- **New global trends**
- (migration, cultural globalisation, climate changes..)
- **Budget restrictions**
- needs for the involvement of citizens and local authorities
- **Overlapping of the goals**
- **Creative programmes, economic start ups...**
- **Initiatives of the Council of Europe Community led urban strategies – COMUS state as a developer of the cultural monuments**
- European Cultural Heritage Strategy for the 21st century
- Sustainable Development Goals for Culture on the OSN 2030 Agenda

Creative industries programmes



An integrated approach to the restoration of monuments and the effects of monumental restoration on society

Monuments in a desolate state - abandoned areas - objects for sale - objects for rent - unemployment - economic downturn



repaired monuments - vital urban areas – attractive tourist centers - experience - heritage preservation – identity - employment - tourism - local economy

Different models and study cases

- **state as a developer of the cultural monuments**
- **low interest revolving funds**
- **Tax relieves**
- **Preventive maintenance models**
- **Co-financing models**
- **National trusts**
- **foundations**
- **lotériové fondy...**



-in one directly created site the cultural heritage creates 26 indirect (automobile only 6) - 87% of IT workers prefer work in hist. Building, 73% of clients .. (Hamburg) - North Church - 2 mil NOK repair, 1.76 mil. NOK admission, 11 mil. Increase in tax collection - 628% return on investment ..

The Netherlands - models of the sustainable conservation

- Monuments Board+ legislation
- revolving fond+ state dotation
- preventive maintenance -
Monumentenwacht
- municipality as an active player



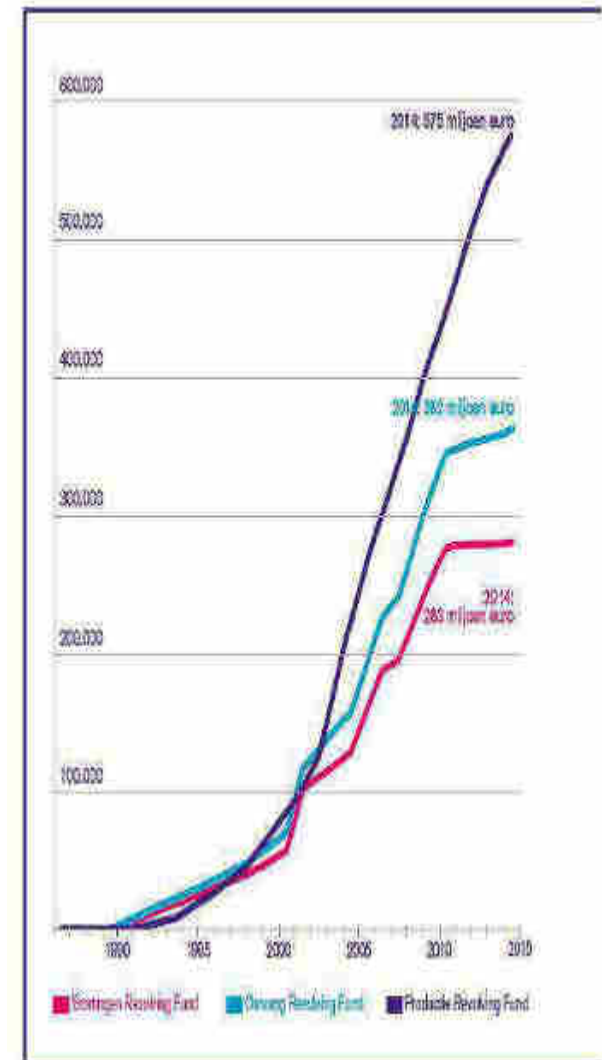
Holandsko - región ako developer pamiatok...

- the municipality (region, Mesto, obec) Own monumental object. By using the loan, it will restore it and place new features - tenants (eg small business and manufacturing operations, accommodation, workshops, etc.)
- thereafter, at a time when rents begin to repay the original cost, the property will be divested and binds the new owner
- the funds raised are invested in the next monument
- the result is a restoration of the monument with the appropriate function and appearance (self-government has control over the entire process), the subsequent management of the operation does not burden the self-government and again stimulates the local economic growth



The Netherlands - models of the sustainable conservation

Nowadays: 27 million Euro per year for lending
3900 reconstructed monuments from 1990 to 2013
Sustainability - Repayment of loan subsidies
Self-guiding principle of the financial mechanism:
Automatic renewal of finances and generating
others Support and increase the attractiveness of
large investment restoration sites Stimulation of
private sources More enthusiasm from private
banks to rebuild landmarks Stimulating conversion
of landmarks for new features The first euro
invested in 1985 was invested three times by
2015. Compared to other banks, they are risk-
reducing and more flexible, creating tailor-made
products for specific sights in a discussion with the
owner and landmarks.



Slovakia - two models of inovative conservation

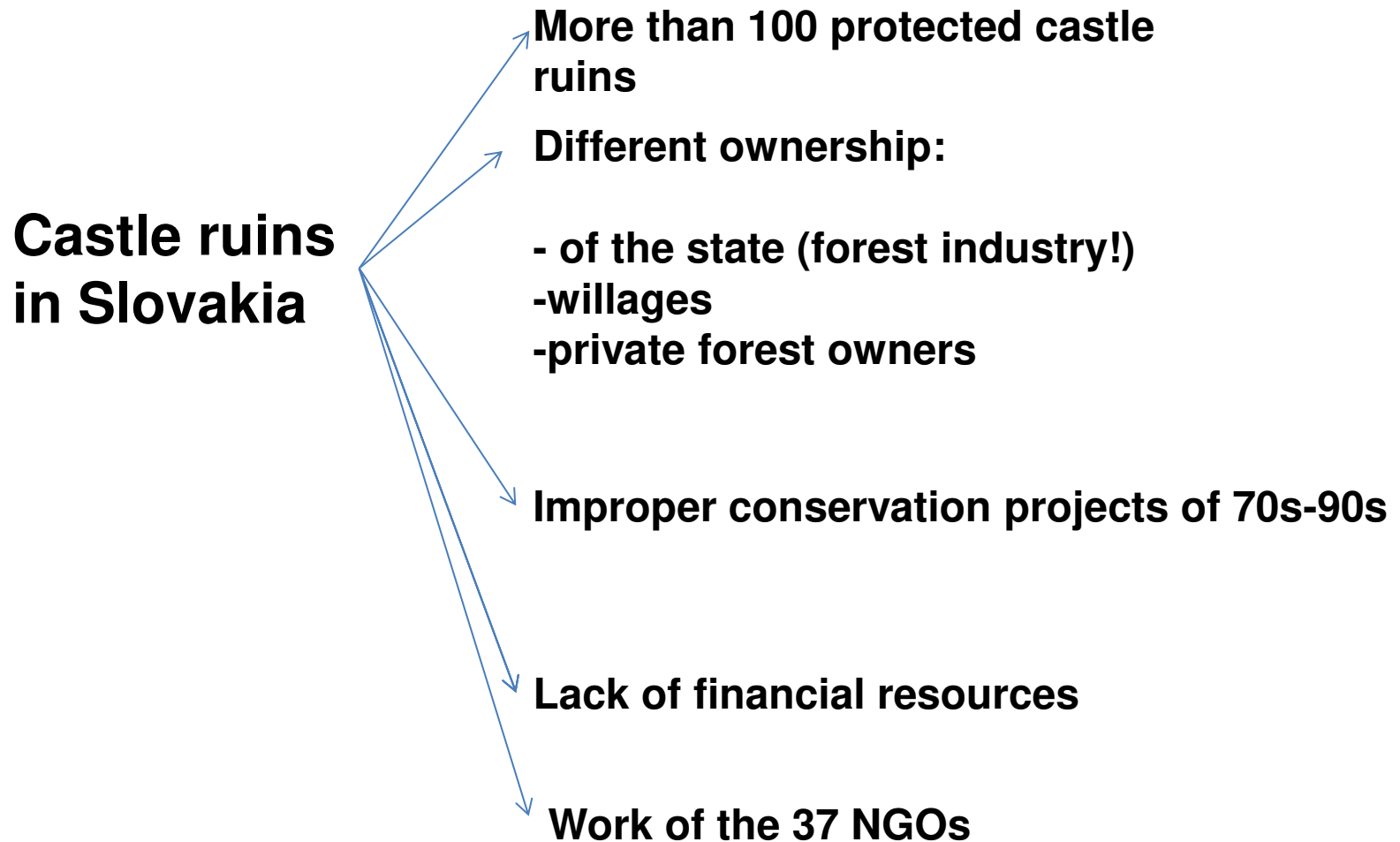
-Project of the Ministry of Culture and Ministry of Labor, Social Affairs and Family

Conservation of the Castle Ruins with the Help of Unemployed People



-Preventive conservation project of the Monuments Board
Pro Monumenta – Prevention By Maintenance

Slovakia - two models of progressive conservation



Slovakia - two models of progressive conservation

**Measures
taken
by the
Ministry of
Culture**

**Support of the drawings and
reaserches**

**Legal problems of
the ownership**

**Support from the grant system of
the Ministry of Culture**

Structural EU fonds

**Pilot project „The repair of the castle ruins
with the help of unemployed people“**

Promotion, scientific projects (3D Scanning)



Conservation of the Castle Ruins with the Help of Unemployed People

- **Co-financing:**
- Ministry of Culture – grant scheme ‘OSSD’, sub-program 1.4: project documentation, researches, construction material, payment of the participating professionals and the team coordinator
- Ministry of Labor, Social Affairs and Family – European Social Fund: financing of the activities connected with unemployed people as wages, insurance, safety measures, rations

Cleaning works, accessibility, surveys...



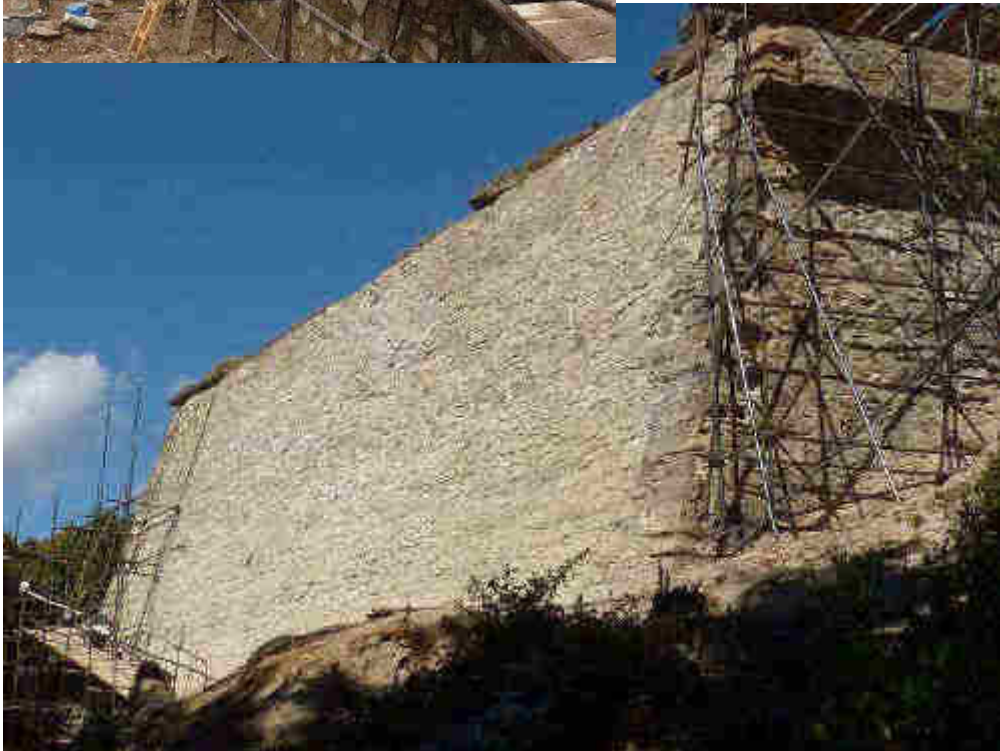
Conservation of the Castle Ruins with the Help of Unemployed People



Slovakia - two models of progressive conservation



Conservation of the Castle Ruins with the Help of Unemployed People



Conservation of the Castle Ruins with the Help of Unemployed People



Approximative costs and data for one site one one season

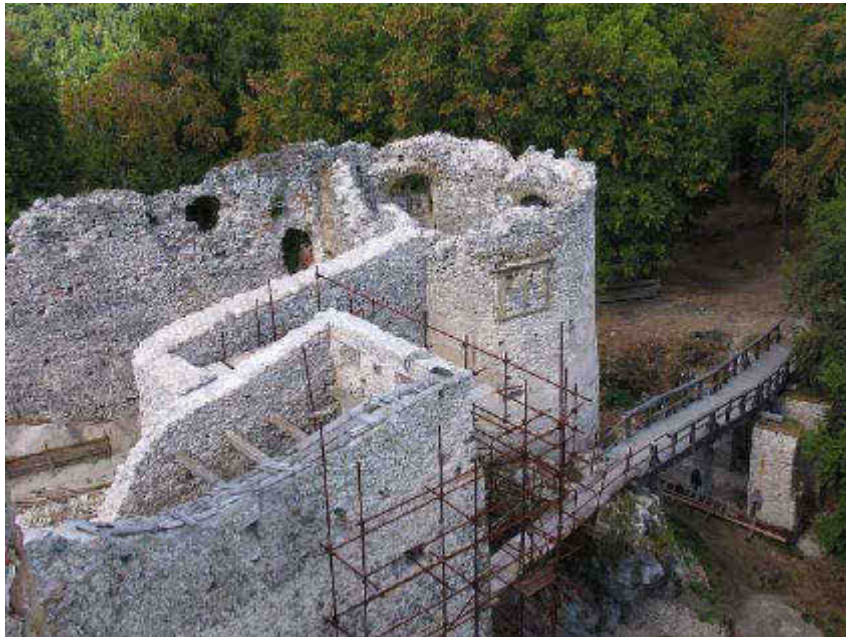


- 20 employees
- 6 external professionals: structural engineer, archaeologist, restorer, project coordinator, masons
- 25 volunteers
 - Wages for 20 employees for 6 months (European Social Fund;
- 80 000 €
 - Two grants from the Ministry of Culture (47 000 €)
 - Grant T- Mobile for volunteers (1 400 €)

Crafts and skills...

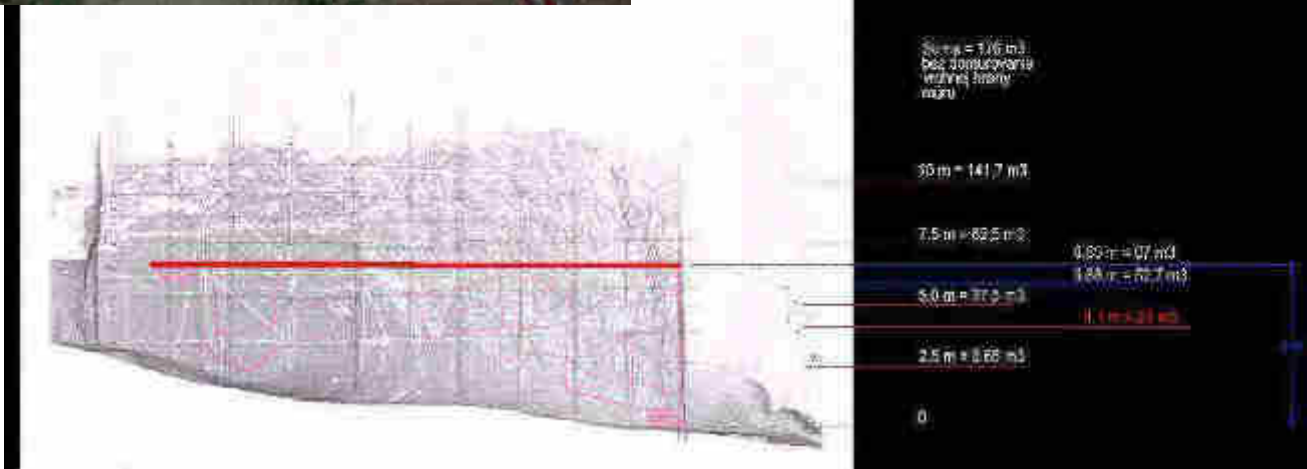


Final adjustments



28. 6. 2017

Conservation of the Castle Ruins with the Help of Unemployed People



Examples of the castle ruins participating in the project..



Glanzenberg



Blatnica



Brekov



Divín



Zborov



L. Hrádok



Bystrica



Slanec



Tematín



Conservation of the Castle Ruins with the Help of Unemployed People



Conservation of the Castle Ruins with the Help of Unemployed People

Year of implementation	Number of monuments Involved into programme	Subsidy from Ministry of Culture grant system (€)	Subsidy from European Social Fund and Ministry of Labor (€)	Number of job seekers (special works/auxiliary works)
2011	2	115 000	195 818	48
2012	20	601 629	1 108 064	294 (84/210)
2013	36	590 000	1 859 305	478 (151/327)
2014	39	606 000	1 800 000	504 (188/316)
2015	39	716 300	2 600 000	554
2016	40	829 900	3 131 905	601

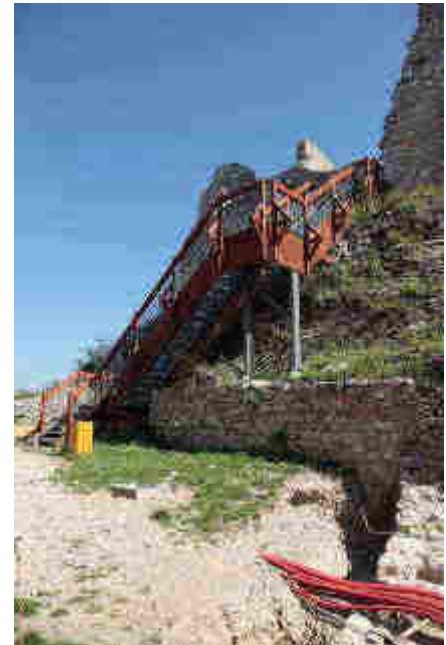
An average restoration of the castle via financing from the Structural Funds:

Total costs:

€2 000 000 for two years.

Positives:

- quick visible results of restoration process
- additional investments as access roads, parking, etc.
- conversion of monuments for new functions
- remarkable increase of tourism.



Conservation of the Castle Ruins with the Help of Unemployed People

An average restoration of the castle with the help of unemployed:

-8 seasons with a budget of €30, 000/ year = €240 000 from the budget of the Ministry of Culture

-€120 000 for salaries for six months in the ESF = €960 000

Total costs of €1 200 000.

Positives :

-technologically thorough restoration using traditional craft works methods

-flexible adaptation of conservation of archaeological finds

-long-term employment of jobseekers in regions with high unemployment

-high protection and respect for the original substance.

Slovakia - two models of the castle repair, valley of the river Váh



Považská Bystrica

Lednica

Trenčín

Čachtice

Hlohovec
Sereď

The key:

- structural funds
- project with unemployed
- state budget



Budatín

Hričov

Lietava



Beckov

Tematín

Komárno/Iža

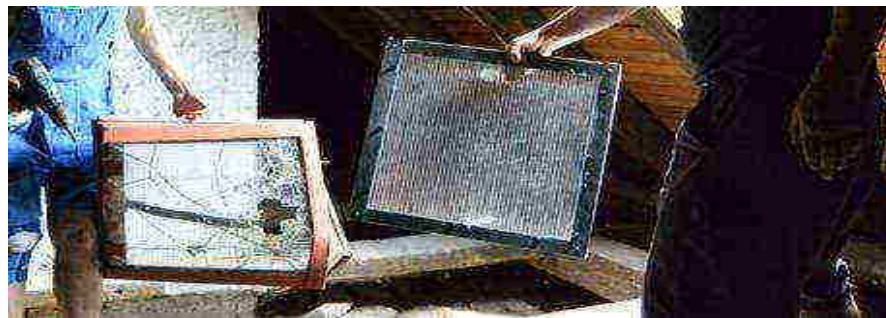


Pro Monumenta – Prevention By Maintenance

‘Conception of Monument Protection of the Slovak Republic till 2020, (issued in 2008)

Chapter No 5.7 Prevention by Maintenance, Aim No. 1

„Create a maintenance system of the cultural monuments following the example of Monumentenwacht Netherlands”



BASIC PROJECT'S DATA

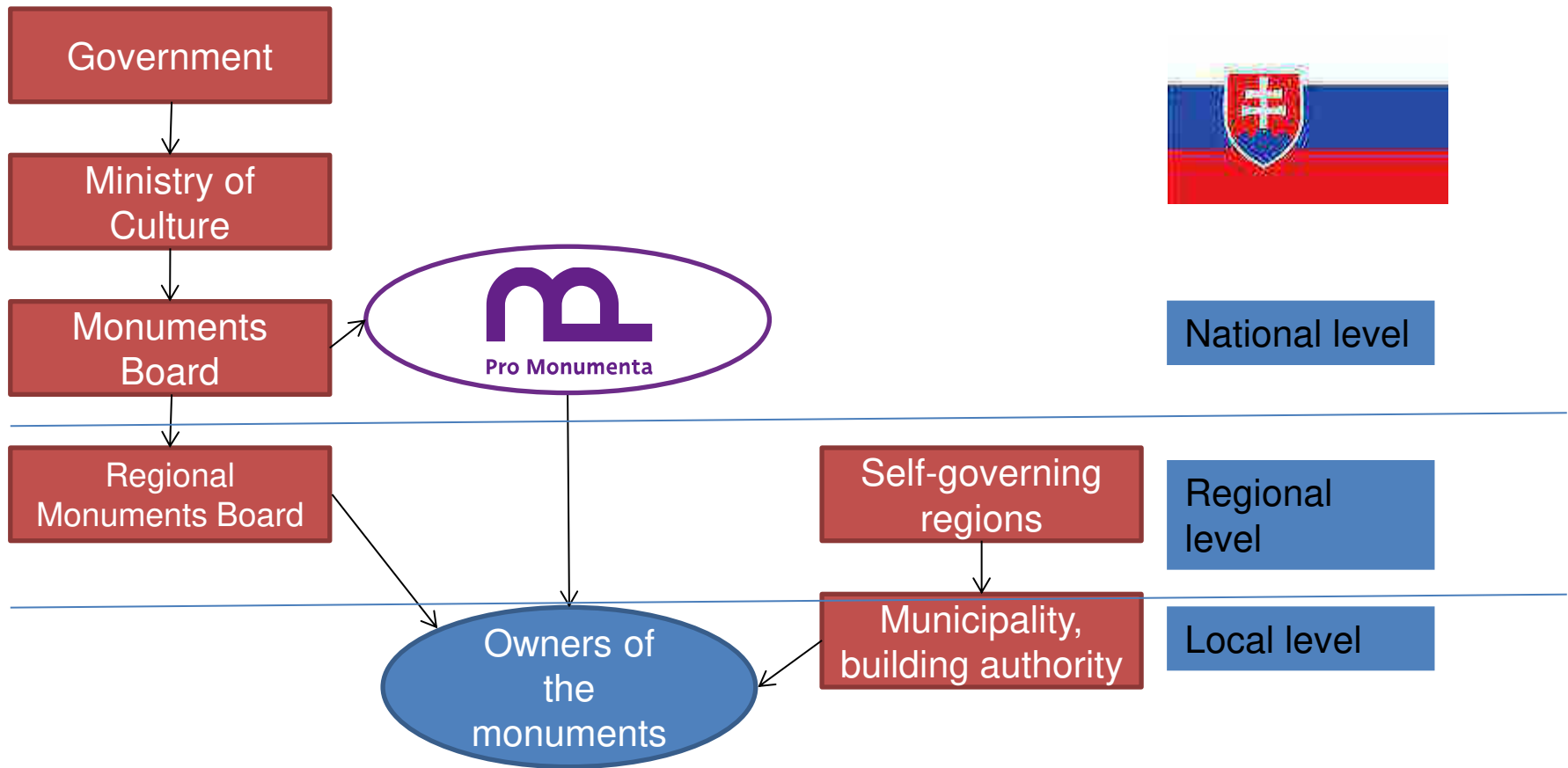
In the frame of the call of EEA and the Norwegian Financial Mechanism

Programme: Preservation and revitalization of cultural and natural heritage, promotion of diversity in the field of culture and art in the frame of European cultural heritage.

Implementationn period:	1. 1. 2014 – 30. 04. 2017
Implementing agency:	Monuments Board Slovakia
Partner:	Riksantikvaren Norway
Financial allocation:	1 152 056 €
Min. sustainable period:	5 years



New department of the Monuments Board



Centres in three regions

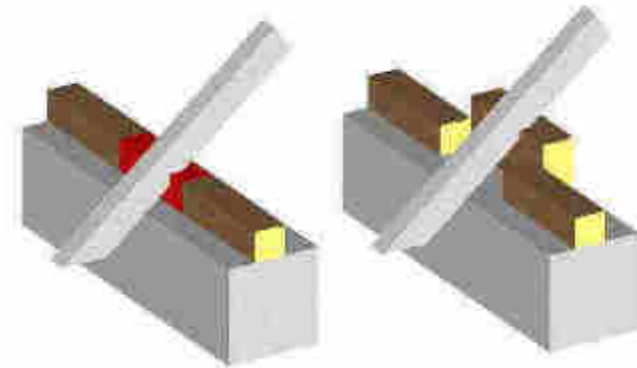


BASIC AIM



Building the system of preventive monitoring of immovable natural cultural monuments filed in the Central List of monuments in the sense of section 22 of the Act No. 49/2001 Coll. about protection of monuments as changed and amended. Integrating the owner, the users, the service personnel = build the "early warning system".

- **120 Monitored cultural monuments** (600 during sustainable period)
 - number of **publications** (handbooks): **6**
 - number of **seminars** **6**
- 3 special monitoring teams**



PROJETC'S ACTIVITIES

Formation of monitoring teams, training and courses, working out a technical manual for teams, communication with the partner

Purchase of devices and equipment, furnishing administrative premises and facilitating technical tools, material and equipment

Monitoring of cultural monuments, generating database of “technical reports”

Cooperation with the Norwegian Directorate for Cultural Heritage,

Project monitoring and publicity.



Organizational STRUCTURE

New Department of the Monument Maintenance

Project management:

1 project manager, (Branislav Rezník)

1 technical manager, (Pavol Ižvolt)

Teams of inspectors:

3 teams , each of three people (one administrator),

3 offices and 3 cars – workshops in the seats of the existing regional monument boards offices

-Ethical code



- **January 2014 – 31st of July 2014:** trainings und courses for experts – members of monitoring teams, purchase of devices, equipment and materials; creating a web application and a database of technical reports; designing an inspection form; working out a time plan of inspections,
- **1. August 2014 – 31st of December 2014:** pilot monitoring of cultural monuments, working out inspection reports, adjusting the operation of the monitoring of cultural monuments, seminars, trainings and courses for experts and owners,
- **January 2015 – 31st of December 2015:** routine operation of the monitoring
- **January 2016 – 31st of March 2016:** publicity, final reports, assessment



Criteria:

- ownership of the state, municipality or church
- public access
- whole area of Slovakia
- different types of buildings
- cooperation of the owner





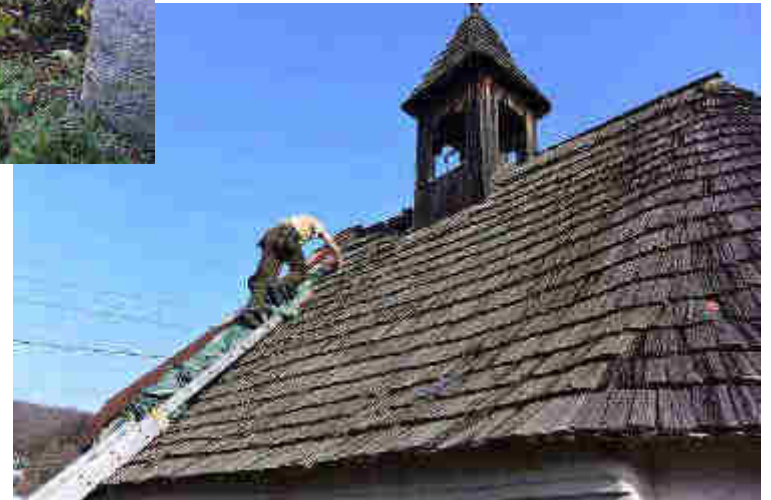
System implementation of the preventive monitoring of cultural monuments





FIRST INSPECTIONS







TECHNICKÁ SPRÁVA KULTÚRNEJ PAMIATKY

Kód: V0001

Objekt: Historická pamiatka
 Adresa: Bratislava, Staré Mesto, 811 01, Slovensko
 Parcelné číslo: 141
 Súpisný list: 1:1000/0000/0000/0000/0000/0000/0000/0000/0000/0000
 Číslo územ: 1000/0000



Unifikovaný názov ZPP: Oblasť mestského
 Unifikovaný názov PO: Oblasť mestského
 Oblasť výstavby PO: 1:1000/0000/0000/0000/0000/0000/0000/0000/0000/0000
 Vlastník/právnik: (Povinnosť oznámiť)
 Adresa vlastníka/právnika: Bratislava, Slovensko
 Vlastník/právnik: Bratislava, Slovensko
 Adresa vlastníka/právnika: Bratislava, Slovensko
 Vlastník/právnik: Bratislava, Slovensko
 Adresa vlastníka/právnika: Bratislava, Slovensko

Múlna platba za spracovanie údajov: 1000/0000
 Dátum spracovania ZPP: 22.09.2014

3S - Suterén					Hodnotenie popisom	Návrh zásahu	Zásah Pro Monumenta
Časť	Hodnotenie stupňom kódom-farba						
Interiérová omietka				D	Poškodená v plnom rozsahu zavlhnutím a zasolením	Zabezpečiť pravidelné prirodzené prevetrávanie priestorov Zabezpečiť nútené vetranie priestorov Odstrániť cementové omietky múrov a klenieb v plnom rozsahu	
Podlaha				D	Podlaha je výrazne zamočená spodnou vodou a lokálne vydutá	Sfunkčniť odčerpávanie vody zo studne Odstrániť dlažbu a betónové podkladové podlahové vrstvy Kontrola funkčnosti kanalizácie	
Kamenné prvky			N		Kamenné pieskocové stojky portálu sú poškodené vlhkosťou a zasolením		

- draft list of the monuments to be inspected
- approaching letter and owner's agreement
- communication with the owner
- inspection, estimation of material
- repair works
- synchro tablet applications and record in the database
- writing of the report
- controll of the supervisor
- final report send to the owner
- data storage and accessibility of the final files
in PDF to Regional Monument's Board offices and Cental Monuments
List database

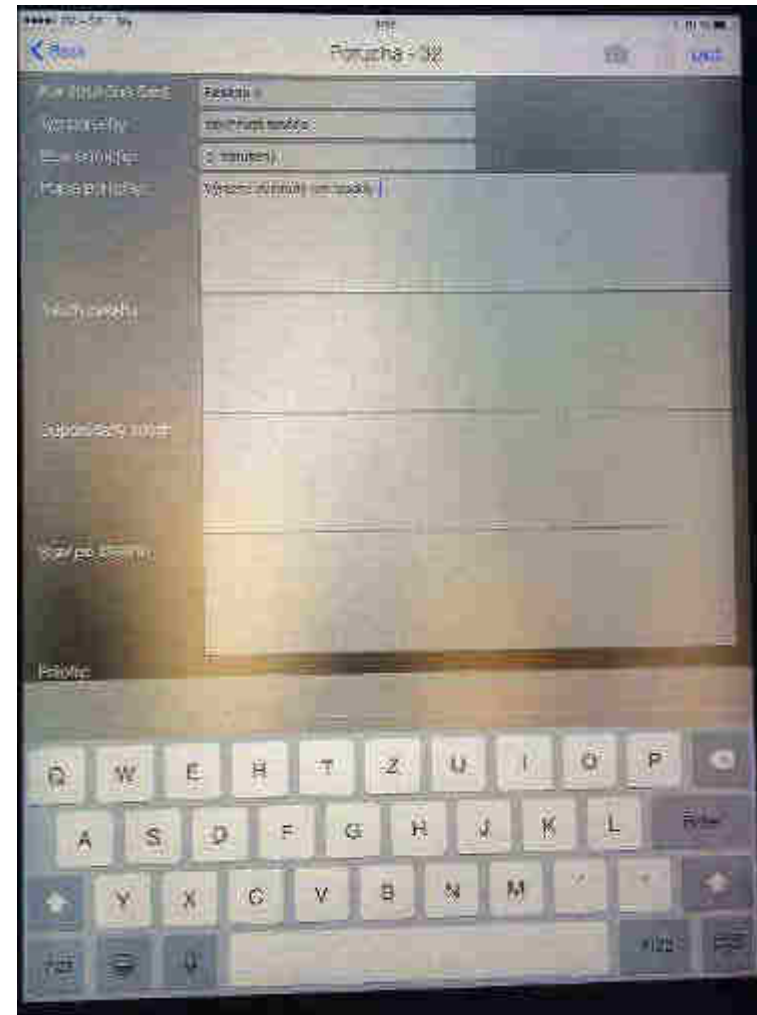


Work on the Site

- Inspection of the object, choice of the repair works, estimation of the material needed
- Cleaning of the gutters and repair work
- Communication with the owner, demonstration of the defects, demonstration of the realised works,



Tablet APPLICATION





Pro Monumenta

- Conference Bardkontakt 2014 in Bardejov
- Conference „Living Monuments in Bytča
- The Day „Pro Monumenta“ Košice
- The Day „Pro Monumenta“ Banská Bystrica
- The Day „Pro Monumenta“ Trnava
- CONECO exhibition in Bratislava
- The Day „Pro Monumenta“ Žilina

Lectures for owners



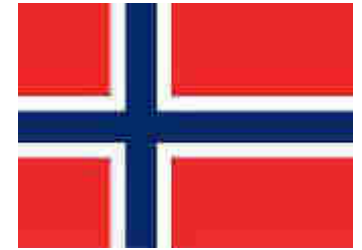
Equipped movable workshops 2015



- 230 finished inspections



COOPERATION WITH THE NORWEGIEN PARTNERS II.





Pro Monumenta II – continues within the frame EEA grants in new programme period: again like pre-defined project: 2014 – 2021

Plans for **PMII**:

- 4 inspectors in per team
- New small mobile workshops per team
- Establishment of small training centres for craftsmen and owners
- Adding new service of approximative repair work costs calculation
- Continued cooperation with Riksantikvaren

Thank you for your attention!

Contact:

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www.promonumenta.sk

Sources:

-Ižvolt, P., Preservation of the cultural heritage through inclusion of unemployed in Slovakia. Present challenges of conservation practice, In: HERITAGE COUNTS, Koen Van Balen and Aziliz Vandesande, A series by the Raymond Lemaire International Centre for Conservation, KU Leuven, Leuven, p. 305 - 317

-Ižvolt, P., Smatanova K.: Strategic Heritage Conservation Practices: Inclusion of the Unemployed in Saving Cultural Heritage in Slovakia, The historic environment, Vol. 5 No. 1, 2014, p 36 – 54

<http://www.ecophon.com/en/inspiration/leerfabriek-kvl---nl>

www.monumentenwacht.nl/organisatie/

www.promonumenta.sk

