



Policies and implemented tools for digitization of Museums and Galleries in Gorenjska region (Slovenia)

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Mag. Monika Rogelj, Museum of Gorenjska
Vid Meglič, Municipality of Tržič

Florence, 9th May 2017

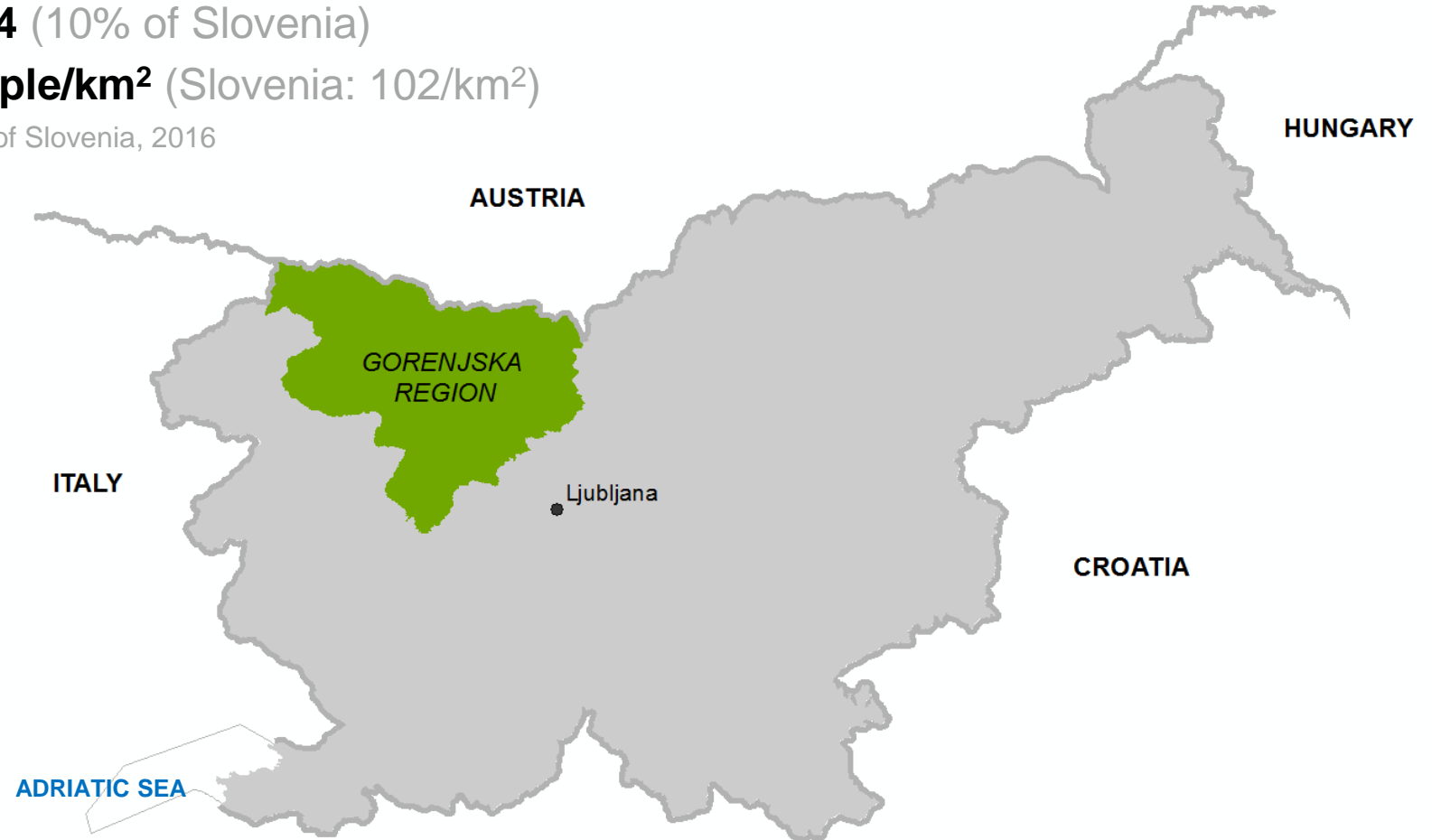
Presentation of Gorenjska region

Area: **2,137 km²** (11% of Slovenia)
Population: **203,654** (10% of Slovenia)
Population density: **95 people/km²** (Slovenia: 102/km²)


Source: Statistical Office of the Republic of Slovenia, 2016

Number of museums
(and galleries)
performing public service
in the field of protection
of movable cultural
heritage: **5** (Slovenia: 51)

Source: Ministry of Culture, 2017



Overview

- **Digitization is a priority** of the Ministry of Culture, the latter strongly encourages museums and galleries to digitize their collections and objects
 - *Rules on the Register of Cultural Heritage* (2009) under *Cultural Heritage Protection Act* (1999; 2008) foresee a *Register of Movable Cultural Heritage*, but **it never started** to operate.
 - **NO determined programme for digital record keeping** at the national level
 - *Rules on keeping the inventory ledger (book) of movable cultural heritage objects* (2004 - 2008)
- 
- Museums: developing **their own programmes** in cooperation with external IT experts

SOLUTIONS...

- A) Digitization procedures
- B) Digital contents' fruition
- C) Durability/resistance of data/devices

Scientific vs Commercial...

Scientific & Commercial!

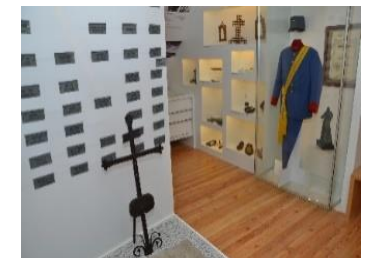
Museum of Gorenjska

- Founded in 1953 (by City Municipality of Kranj); regional museum;
- A national public service for protection of the movable cultural heritage in the Gorenjska region;
- Nearly 68,000 items ranging from archaeological finds to modern-days items; various materials;
- Collections from the fields of archaeology, ethnology, history from the earliest period to the present, art and cultural history;
- Curators, conservation and restoration centre, photography department, library, gallery, education department, documentation.



Exhibition Venues and Exhibitions

Permanent and temporary exhibitions located in **Kranj** (Khislstein Castle, Town Hall, Prešeren House, Ossuary) and **Bohinj** (Tomaž Godec Museum, Oplen House and Alpine Dairy Museum).



Museum Documentation and Digitisation

Central Museum Documentation

- Inventory ledgers (separately for each collection, managed by curators);
- Record of new acquisitions - accessions, record of material borrowing and transfers (managed centrally by the documentation officer).

Transition to Digital Documentation

- Most of Slovenian museums and galleries use Galis system for keeping their museum documentations.
- Galis was developed by computer experts from Semantika company, in collaboration with curators and documentation officers from some of the Slovenian national museums, and upgraded on the basis of user experience.
- In Museum of Gorenjska gradual transition from manually kept to digital inventory ledger - began at the end of 1990s, pursued strategically since 2008, intensified since 2012 and still ongoing.

Galis Documentation System

- An integrated software for managing all areas of museum documentation;
- Interconnected modules for recording, accession, inventory ledger, archaeological sites, locations and transfers of materials, media library, documentation of exhibitions, conservation and restoration activities, educational activities, library, statistics, inventory, archive;
- Keeping records of different museum objects and other materials (standards of the museum profession);
- Information about the museums items can be published on the Web and mobile applications (Museums.si);
- Museum purchases the user license (monthly payment), software owner regularly provides automatic data backup, user support and program upgrade.

Digital Inventory Ledger Galis in the Museum of Gorenjska

- All available data on items and photos are entered;
- The regular system of collection categorisation and item numbering was maintained after digitisation;
- Ongoing entry of newly inventoried items, the possibility of subsequent additions (entered by the authorized curator of the collection);
- Records from the old inventory ledgers are migrated gradually, often in completed sets of the material currently being studied and exhibited (entered by curators, documentation officer or external assistants);
- Over 26,000 material units are digitised at the moment;
- Two-thirds have been digitised after 2012;
- Up to 4000 units digitised annually, quarter of them being newly acquired materials;
- Better transparency, easier search and processing of the material (functional search engine);
- Less than one fifth of working time is dedicated to digitisation, which is much less than needed.

Galis - [Inventarna knjiga] Dokument

Domov Zbirke Mediateka Dokumentacija Restavracija Pedagoški Knjižnica Arhiv Inventura Administracija Lastnosti

Evidentiranje Akc. knjiga Inv. knjiga Najdišča Celote Knjiga Izvodov Knjiga vhodov Vrednotenje Lokacije Iskanje Orodja (beta) Pomoč

Inventarna knjiga 510:KRN;E-0001059 8/128

Osnovni podatki Dodatno Povezave

Osnovni podatki

Inventarna številka: 510:KRN E 1059 Akcisijska številka: 510:KRN / / ☐ Odpis

Predmet: SKRINJA Predmet (dodatno):

Naslov: Naslov (dodatno):

Zvrst: P04 bivalna oprema Zbirka: Etnologija

Čas nast./Dat.: 1841 Leto nast.: od do

Kraj nastanka: Sig. položaj:

Signatura: Zgodovina:

Klasifikacija: Klasifikacija Tip klasifikacije

NOTRANJA OPREMA

POSLIKANO POHIŠTVO

Opis: Skrinja ima letnico 1841. Na fasadi so tri letvasto uokvirjena polja (kvadratna), srednje polje, ki je figurinalno poslikano (motiv sv. Družine) ima zg. stranico trikotno lomljeno. Stranski polji krasi rožni šopek iz stiliziranih nageljnov in vrtnic, ki raste iz vaze trebušaste oblike. Ozadje polj je belo. Tudi na stranicah krajnicah je na vsaki strani po

Napisi/Oznake: 1841, IHS, M RIA


Vsebina / motiv: Ključne besede:

Avtorji: Avtor Dodatno Vloga

Media Pripombe Povezave

E 1059 skrinja 0004 obr.jpg

9/9



Število zadetkov: 128

Prijavljen kot: Monika

13:29 20.4.2017

Chest, Painted rural furniture collection, Ethnology

Galis - [Inventarna knjiga] Dokument

Domov Zbirke Mediateka Dokumentacija Restavracija Pedagoški Knjižnica Arhiv Inventura Administracija Lastnosti

Evidentiranje Akc. knjiga Inv. Knjiga Najdišča Celote Knjiga Izhodov Knjiga vhodov Izhodi/Vhodi Vrednotenje Ostalo Lokacije Lokacije Iskanje Orodja (beta) Orodja za podatke Pomoč Pomoč

Inventarna knjiga 510:KRN;E-0001059 1/1

Osnovni podatki Dodatno Povezave

Stanje

Stanje: Opis stanja: Popolnost:

Pridobitev, Nahajališče, Lastništvo

Datum pridobitve: 1.1.1960 Način pridobitve: nakup Številka računa:

Nahajališče (ustanova): Depo/Nahajališče v ustanovi:

Lastnik: Gorenjski muzej Predhodni lastnik: JUVAN JUSTINA, GAMELJNE Provenienca: Gameljne

Vrednost

Nabavna vrednost: 4.500 din Ocenjena vrednost: 1500 evr Računovodska vrednost (v €):

Datum vrednotenja: 4. november 2013 Vrednotil: Tatjana Eržen

Odkritje, Uporaba

Datum odkritja: Lokacija odkritja: GAMELJNE & GORENJSKA Najditelj:

Kraj uporabe: Čas uporabe: Uporabnik:

Uporaba:

Dokumentacija

Dokumentacija: Datum Dokumentacija Literatura:

Prijavljen kot: Anja 9:35 24.4.2017

Galis - [Osnovni iskalnik]

Domov Zbirke Mediateka Dokumentacija Restavracija Pedagoški Knjižnica Arhiv Inventura Administracija

Evidentiranje Akc. knjiga Inv. Knjiga Najdišča Celote Knjiga Izhodov Knjiga vhodov Izhodi/Vhodi Vrednotenje Ostalo Lokacije Lokacije Iskanje Orodja (beta) Orodja za podatke Pomoč Pomoč

Osnovni iskalnik

Iskalnik: Vnosi inventarne knjige

Sortiranje: ☐ Padajoče Število zadetkov: 696 Sortiranje: Inv. številka-po zaporedni številki

Osnovna polja Dodatna polja Napredno iskanje Najdišča

Inventarna št.:
IN od 510-KRN NZ - / do 510-KRN - /

Akcesijska št.:
IN od 510-KRN - / do 510-KRN - /

IN Zvrst: IN Zbirka: NOVEJŠA ZGODC

IN Predmet: IN Opis:

IN Naslov dela: IN Klasifikac.:

IN Čas nast.: od do IN Avtor:









IN Material: IN Tehnika:

IN Avtorji: IN Materiali:

Dodaj Odstrani Dodaj Odstrani

IN Tehnike: IN Tuja ID:

Dodaj Odstrani IN Doku.:

Zap. št.	Izbira	Slika	Predmet	Inventarna številka	Predmet - dodatno	Čas nastanka	Provenienca	Mere	Ocenjena vrednost
1	<input checked="" type="checkbox"/>		SRAJCA	510-KRN:NZ-0000010	moška srajca	okoli 1960	Kranj	V: 7 centimeter; ...	100 evr
2	<input checked="" type="checkbox"/>		SKRINJICA	510-KRN:NZ-0000033	volina skrinjica	1945	Bohinj	V: 37 centimeter; ...	100 evr
3	<input checked="" type="checkbox"/>		kroglice	510-KRN:NZ-0000051	voline kroglice	1945		premer: 1,5	150 evr
4	<input checked="" type="checkbox"/>		pnevmatika	510-KRN:NZ-0000076	avtomobilska pne...	začetek 80. let 2...	Kranj	Š: 17 centimeter; ...	50 evr
5	<input checked="" type="checkbox"/>		pnevmatika	510-KRN:NZ-0000080	plašč za kolo	začetek 80. let 2...	Kranj	Š: 4 centimeter; p...	50 evr
6	<input checked="" type="checkbox"/>		vzorci pletenin	510-KRN:NZ-0000143		30. leta 20. stol.	Kranj		100 evr
7	<input checked="" type="checkbox"/>		ČEVLJI	510-KRN:NZ-0000233	športni čevlji, teni...	1989/90	Kranj	V: 12 centimeter; ...	50 evr
8	<input checked="" type="checkbox"/>		ČEVLJI	510-KRN:NZ-0000235	smučarski čevlji, ...	1984	Žiri	V: 36 centimeter; ...	200 evr

Išči Uredi Počisti polja Shrani Prenesi v reverz Natisni

Filtriraj Izberi vse Počisti izbiro

Prijavljen kot: Monika

13:23
20.4.2017

Search engine – Collection of industry products, Modern history



Galis - [Fototeka] Dokument

Domov Zbirke Mediateka Dokumentacija Restavracija Pedagoški Knjižnica Arhiv Inventura Administracija Lastnosti

Fototeka Digitalna Audio / Video CD/DVD Mediateka Iskanje

Fototeka F-0000001/ SZG 1/1206

Inventarna številka: 510:KRN F 1 / SZG
Predmet: FOTOGRAFIJA
Naslov: Veduta Kranja, panoramska fotografija

Zvrst: -
Zbirka: Stare fotografije
Mere: 4x: 26 x 21
Čas nastanka: 1860 - 1870, 1868, 19. stoletje

Osnovni podatki Dodatno

Osnovni podatki
Vrsta posnetka: ORIGINALNA FOTOGRAFIJA
Avtor/fotograf: Christian Paier
Klasifikacija: Klasifikacija
RAZGLEDNICE
KRAJI
Kranj
Zbirka starih fotog...
Vrsta gradiva: Pndobljeno
Kraj posnetka: KRANJ
Datum posnetka: -
Mere: 4x: 26 x 21

Lastništvo/Naročilo
Lastnik: Gorenjski muzej
Naročnik: -
Številke/Oznake
Druga številka/oznaka: -
Številka predmeta: F 0001/1-4
Lokacija v depozitu: Fototeka - originali SZG
Zaporedna št. posnetka: -
Povezava s posnetkom: -
Dodatno
Tip fototeke: Muzealija

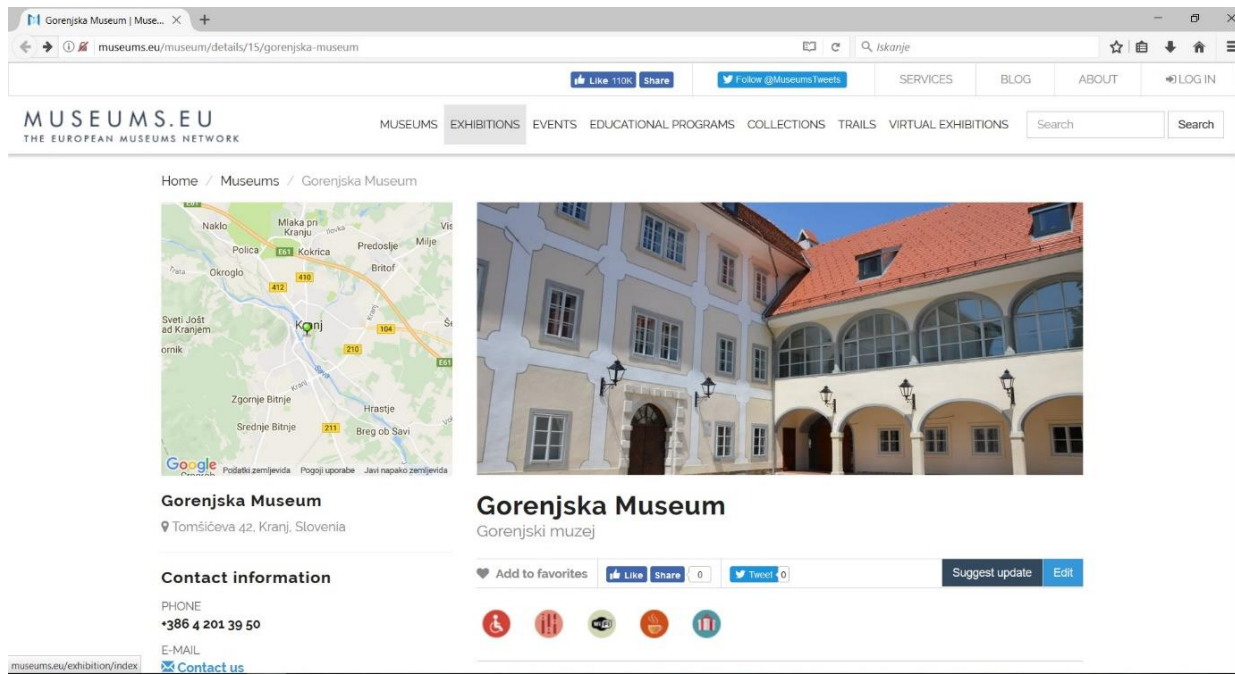
Drugi podatki
Opis: Kranj, panoramska fotografija, sestavljena iz štirih delov. Posneta je z vznožja Gašpejskega klanca, pred letom 1870 (1868).
Opis vsebine: Kranj, panoramska fotografija, sestavljena iz štirih delov. Posneta je z vznožja Gašpejskega klanca, pred letom 1870 (1868).
Opombe/komentar: Tonirana fotografija na kartonu.
Ključne besede: panoramska fotografija, veduta, Kranj, Paier
Rač. obdelal: Mateja Likozar (Mateja Likozar)
Datum obdelave: 9.11.2015

Media Priponke Povezave
F 0001-1.jpg
Dodaj 1/4 Izbriši
Nazaj Odpri Shrani Naprej
Število zadetkov: 1206
Objavi na Museums
Izbriši iz Museums
Natisni
Nov vnos Izbriši
Shrani Prekliči

Prijavljen kot: Mateja
13:44
20.4.2017

Web Portal museums.si / museums.eu

- Presentation of museum houses, permanent and temporary exhibitions;
- Information about museum items and collections, promotion of heritage;
- Data about objects are published directly from the Galis inventory ledger - Photo and basic information (name, description, time of origin, material, techniques, dimensions, collection).



<http://museums.eu/museum/details/15/gorenjska-museum>

SKRINJA | Museums.EU

museums.eu/collection/object/233685/skrinja


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Home / Gorenjska Museum / Etnologija / SKRINJA

SKRINJA



Skrinja ima letnico 1841. Na fasadi so tri letvasto uokvirjena polja (kvadratna), srednje polje, ki je figuralno poslikano (motiv sv. Družine) ima zg. stranico trikotno lomljeno. Stranski polji krasi rožni šopek iz stiliziranih nageljnov in vrtnic, ki raste iz vaze trebušaste oblike. Ozadje polj je belo. Tudi na stranicah krajnicah je na vsaki strani po eno polje, kjer je na eni strani napis IHS, na drugi pa M RIA Ves prostor izven polj je izpolnjen s slikarijo rastlinske motivike.

COLLECTION
Etnologija

INVENTORY NUMBER
510:KRN:E-0001059

TITLE
SKRINJA

OBJECT TYPE
Po4 Bivalna oprema

TIME OF ORIGIN
1841

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Chest, Painted rural furniture collection, Ethnology

<http://museums.eu/collection/object/233685/skrinja>


<https://museums.eu/collection/object/233738?pUnitId=15&pDashed=skrinja>

Web Portal Kamra.si

- Digitised cultural heritage of Slovenian regions;
 - Publication of materials and contents on different themes by museums, libraries and archives;
 - Free access for creators and users;
 - Accessibility for the general public, educational contents, original materials preserved through digitisation.
-
- Cooperation with the Kranj City Library digitising the material, the Museum is preparing materials and contents;
 - Selected photographs and items from the museum collections (e.g. postcards);
 - Publication of the materials and content of previous museum exhibitions to keep them available to the public.




Search <https://www.kamra.si/en/search.html?searchword=gorenjski+muzej> ☆ 📁 ⬇ 🏠 ☰

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digitalised cultural heritage of slovenian regions


SEARCH THE PORTAL

Matches: 218




Digital collection, 03.01.2015
27. domobranski pehotni polk
K. k. Landwehrinfanterieregiment






Digital collection, 28.02.2013
Arhivski dokumenti rodbine Mayr
V Zgodovinskem arhivu Ljubljana,



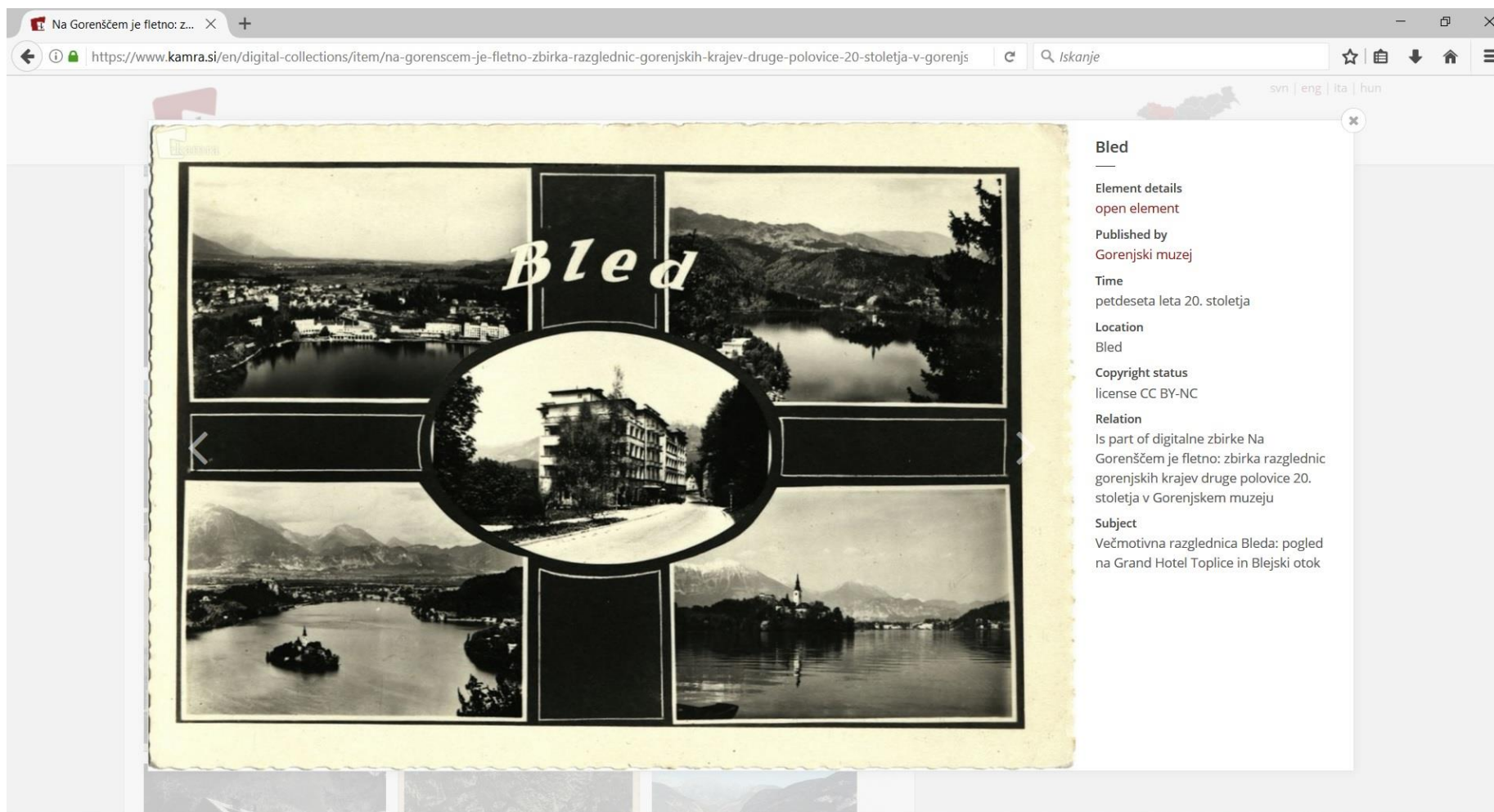
Multimedia element, 06.01.2017
Begunje na Gorenjskem
Na hrbtni strani razglednice je tudi besedilo pesmi Tam kjer murke cveto.



Multimedia element, 06.01.2017
Begunje na Gorenjskem, Grad Kamen
V ozadju dolina Draga, pokopališče

<https://www.kamra.si/en/search.html?searchword=gorenjski+muzej>

<https://www.kamra.si/en/>



Collection of postcards, Modern history

<https://www.kamra.si/mm-elementi/item/bled-2.html>

Čez tisoč let, ko naju več ne bo* × +

https://www.kamra.si/en/digital-collections/item/cez-tisoc-let-ko-naju-vec-ne-bo*.html

Iskanje

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Čez tisoč let, ko naju več ne bo*

<< Nazaj Naprej >>

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Drugi festival slovenske popevke je bil na Bledu od 4. do 6. julija 1963. [Read more](#)

Photo gallery



Index

- Mandolina, zvezde in Bled
- Čez tisoč let, ko naju več ne bo*
- Sredi zvezd, noč in dan se vrti ta svet*
- Enkrat še zapoj, mandolina pesem nežno*

Information

Categories
music, dance
history

Published by
Gorenjski muzej

Contacts
mag. Monika Rogelj

Website
www.gorenjski-muzej.si

Keywords
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Modified
08.11.2012 10:36

Exhibition Festival of Slovenian popular song, 2012

https://www.kamra.si/digitalne-zbirke/item/cez-tisoc-let-ko-naju-vec-ne-bo*.html



CASE STUDY: Digitalization of Tržič Museum

Our contribution will be focused on “Work panel B: digital contents (devices, applications, technologies)”

Goals/purposes of the digitalization of cultural heritage:

- accessibility, public presentation
- data saving and data protection
- classification, processing and searching of data

GOAL: in Trzic museum 20% of the collections will be digitized each year

Digitalization brings...

- web and social medias presence
- promotion of museum and its collection
- visit boost

Digitalization of Tržič Museum

Experiences of Tržič Museum with digitalization:

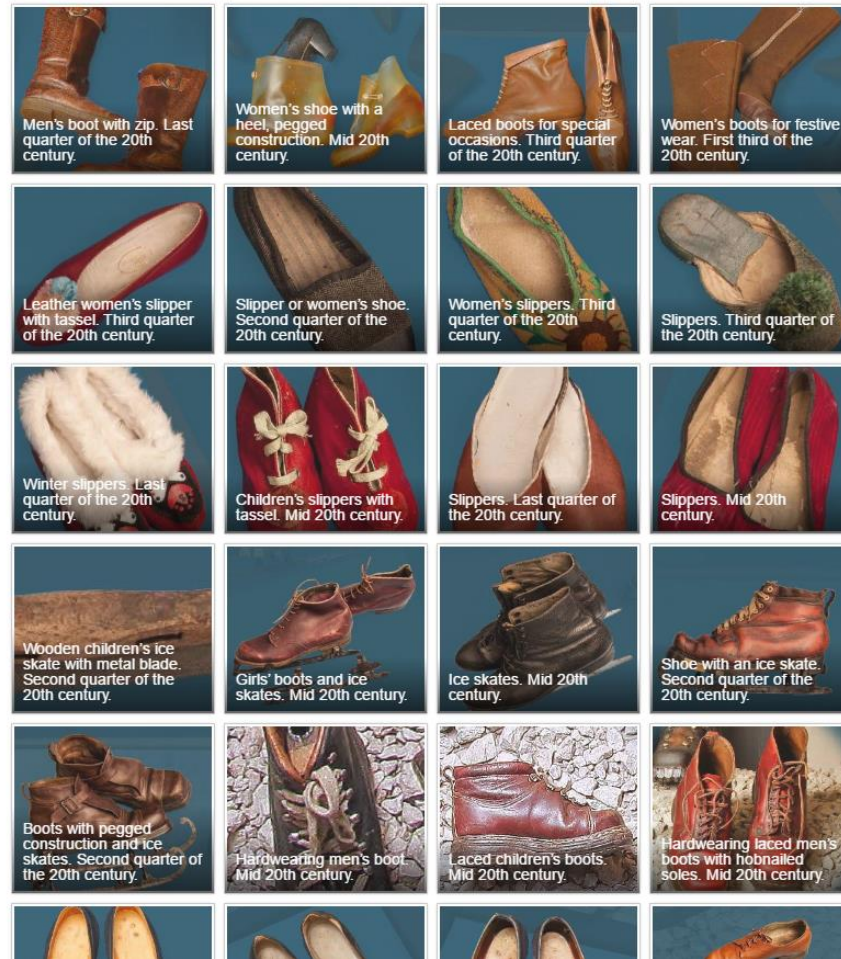
- new habits of visitors: “real life” visit is preceded by virtual visit
- attractive virtual presentation is key to access travel agencies, tour operators
- very good feedback from visitors (4.000 clicks first month)

In Tržič Museum we are strongly convinced
the future of the cultural history and heritage WILL BE digital.

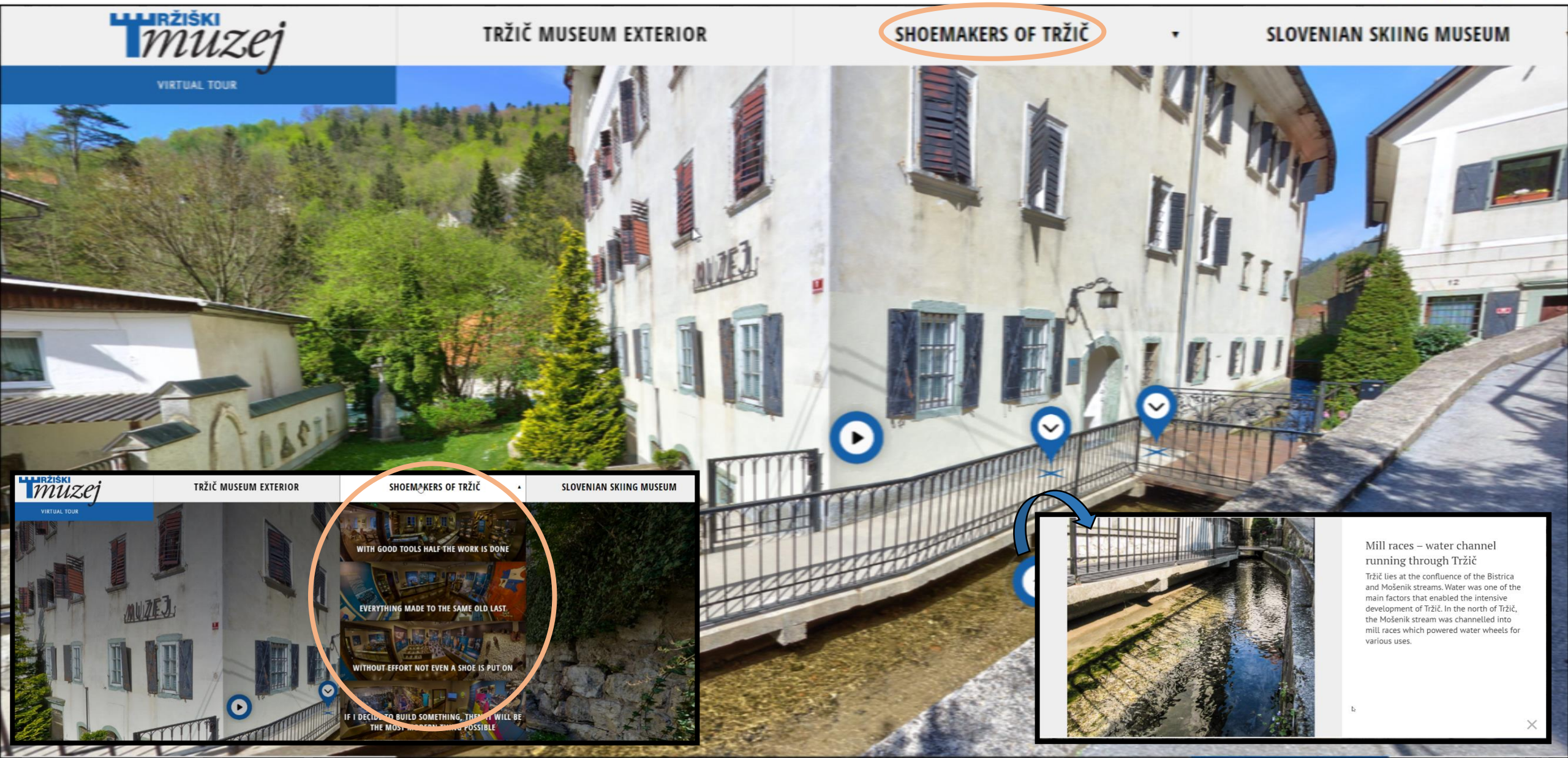


Digitalization of Trzic Museum - shoemakers collection

Digital collection of shoes

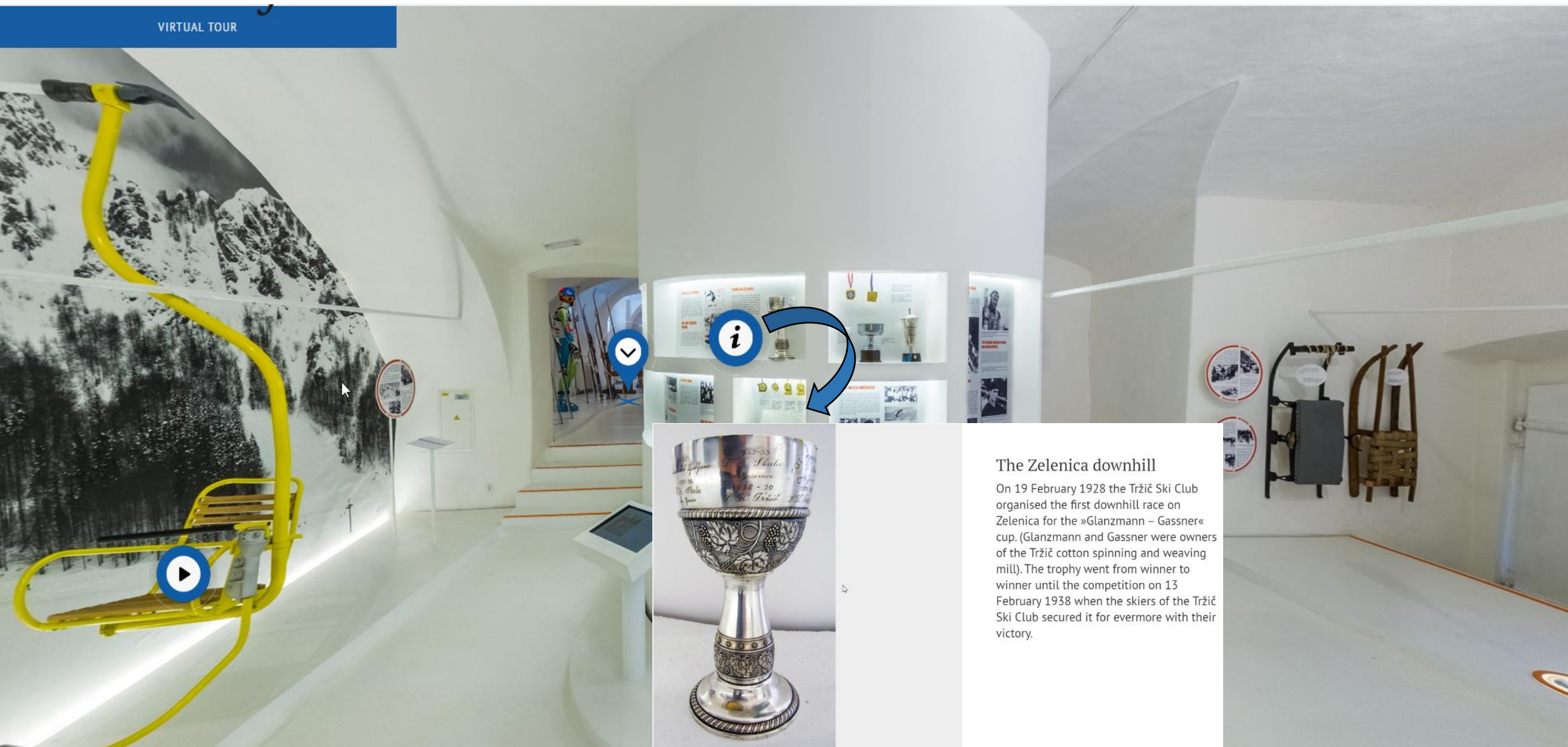


CD-ETA
Interreg Europe



Digitalization of Tržič Museum – virtual tour

VIRTUAL TOUR



The Zelenica downhill

On 19 February 1928 the Tržič Ski Club organised the first downhill race on Zelenica for the »Glanzmann – Gassner« cup. (Glanzmann and Gassner were owners of the Tržič cotton spinning and weaving mill). The trophy went from winner to winner until the competition on 13 February 1938 when the skiers of the Tržič Ski Club secured it for evermore with their victory.

Digitalization of Tržič Museum

Case study: Ljubelj Concentration Camp

Trends are as follows:

- To preserve the original space as it was.
- Interpretation is given virtually (objects, people, historical events, content...).
- The area of the camp could not be understood without the data, which are introduced by virtual presentation (history of building the tunnel, the structure of the camp, barracks, atrocities of the Nazi-regime...).



CONCENTRATION CAMP
LJUBELJ SOUTH

The Ljubelj South concentration camp was set up by the German Reich for the purpose of constructing the Ljubelj tunnel on this extremely important road connection between Nazi Germany and the occupied territories to the south. The tunnel, 1542m long, was cut through in eight months. During the period from 3 June 1943, when the first 330 internees arrived, to 7 May 1945, when it ceased to operate, the concentration camp belonged to the notorious Nazi concentration camp Mauthausen. The internees were primarily brought from there, and included mostly French, Russian, Yugoslav, Italian, Czech, Jewish, Norwegian, Belgian and Spanish prisoners, and others.

To commemorate these wartime horrors, a monument to the Ljubelj internees was set up on 8 August 1954, designed by the architect Boris Kobe in cooperation with the master blacksmith Jože Bertonec.

The site of the former Ljubelj concentration camp has been declared a national monument and comprises the memorial park with the remains of the concentration camp barracks, other buildings and the crematorium. In the basement of the nearby inn there is also a memorial room housing a permanent exhibition about the Ljubelj concentration camp.

START THE STORY

Digitalization of Tržič Museum

Technical details

- The group of experts, who take care of everything, has performed all the work: shooting, technical support, 360° photography, web page solutions, digital content.
- The price was quite low: 1.000 – 1.500 EUR/per collection. Project is not very demanding (5 people, 1 month). Special attention should be paid on copy rights.

Dissemination of good practices

- All European museums are tightly connected (even worldwide) through ICOM (The International Council of Museums)
- Dissemination of good practices and networking is easy and on-going.

Thank you for your attention!

Prepared by:

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of Gorenjska, BSC Kranj

Museum of Gorenjska

Municipality of Tržič

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