



EUROPEAN HERITAGE VOLUNTEERS PARTNER PROJECT: MAPPING AND DOCUMENTATION OF INDUSTRIAL HERITAGE IN IVANIĆ-GRAD, CROATIA

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FINAL REPORT



Mosienko E

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Prijatelji baštine – Amici hereditatis, Ivanić-Grad
European Heritage Volunteers, Germany

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Grad Ivanić-Grad

Turistička zajednica Ivanić-Grad

Pučko otvoreno učilište Ivanić-Grad

INA

Ivasim

Crosco

Ivanićplast

Mi Maris

Kapitel

AEKS

Portal Volim Ivanić

Zagrebačka županija

Kezele seoski turizam

Iva-Z d.o.o.

Gradska knjižnica Ivanić-Grad

Gradska udruga umirovljenika Ivanić-Grad

Karate team Mladost

JAS Design

Vedrini

OPG Šimunović

Protronic

Obiteljski radio Ivanić

Hotel & Restoran Ivanićanka

...and to our amazing volunteers

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Mapping and Documentation of Industrial Heritage of Ivanić-Grad, Croatia



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1. INTRODUCTION

1.1. About the organizers

Culture Hub Croatia – Platform for Education, Creativity and Development through Culture is a non-profit organization founded in January 2017 in Split, with the aim to use education, culture and creativity for development of local Croatian communities through transmission of knowledge and European expertise and through promotion of art practices. Our main goals are to offer innovative educational opportunities to cultural professionals and creative individuals and through capacity building programs and partnerships use the transfer of knowledge as a powerful tool for social change.

Prijatelji baštine – Amici Hereditatis is a non-profit organization founded in 2005 in Ivanić-Grad. Primary focus and activities of the organization are to raise awareness of the local heritage by organizing workshops, exhibitions and education among school children. Association played a vital role in establishing a city museum in 2015. Since 2018 association has been participating in cultural projects and establishing partnerships not only in its local community but also in other parts of Croatia.

European Heritage Volunteers has been active in heritage-related volunteering for more than twenty years. European Heritage Volunteers initiates, organises and supports various forms of voluntary engagement of the young generation – young professionals, students and other young adults – for the rescue, the preservation and the promotion of European cultural heritage. At the core of the programme lie practical, experience-oriented projects and educational activities all over Europe with a strong hands-on approach, instructing volunteers in conservation practices as well as in traditional handicrafts with the intent to actively contribute to the protection and preservation of particular heritage sites, and to raise awareness about the values, diversity and fragility of cultural heritage and the links between cultural heritage all over Europe.

1.2. Objectives of the Workshop

The international workshop was organized as a first phase of the project “Industrial Heritage of Ivanić-Grad” and hosted by the Association “Prijatelji baštine”. Research of the industrial heritage of Ivanić-Grad is of great importance for the local community, as it is the first time that a systematic research of the development of industry in this area from the end of the 19th century and throughout the 20th century is being made. The project also seeks to **engage the local population** around this topic in order to raise awareness of the importance of industrial heritage valorization. Furthermore, this research will open the space for reflection on models of interpretation of industrial heritage, education, promotion, sustainable management, and its use for fostering cultural tourism. The industrial heritage of Ivanić-Grad should be considered in the broader context of the Moslavina region and the industrial development of other cities nearby such as Sisak and Kutina. It has a predisposition to be included in European routes of Industrial Heritage so that its development and features can be placed in the European context. The second phase of the project will be the continuation of research and collection of material for the “Ivanić-Grad Virtual Museum of Industrial Heritage” together with the launch of a **crowdfunding and crowdsourcing campaign** by the end of this year. In 2020, it is planned to continue exploring industrial heritage and ways of interpretation, creating thematic tours for visitors of the city, interactive workshops for children and other contemporary educational content.

The international workshop in collaboration with the European Heritage Volunteers and the Culture Hub Croatia has been chosen as a good starting point to initiate this research but also to start raising the awareness of the local community. The presence of the volunteers from all over the world certainly contributed to this goal. It shed a light to a heritage that is normally not considered as such since it forms part of inhabitants’ everyday life who usually take it for granted. Seeing it from the perspective of the international participants, it made the local community recognize **the value of the industry as heritage** – not only the architectural value but also the crucial social value.

The rich industry in Ivanić-Grad can be traced to the 19th century. The railway line built in 1899 has boosted modernization of the wider surrounding area. In the first half of the 20th century, the industry consisted mostly of mills, sawdust, alcoholic beverage and brick factories. Thanks to the electric power plant, Ivanić had electric power already in 1913. Rich deposits of oil and natural gas, discovered in the period after the World War II in the fields and forest areas of the rural hinterland of the historic settlements of Križ, Kloštar Ivanić and Ivanić-Grad were one of the main reasons for significant changes in the economic and social structure of the population and still today have an important role for the city. The aims of the workshops were on the one hand, **to map and analyze the relevant**

industrial buildings and on the other, to **explore the archives** of two major companies: Ivasim and Ivanićplast. Finally, to shape the results and present them to the public, the volunteers developed a **prototype website** as a starting point for making the industrial heritage more visible and accessible.

1.3. Methodology

THE METHODOLOGY AND APPROACH
getting to know the community



Coming from all over the world, the participants, young professionals specialized in cultural heritage management, industrial heritage and architecture, didn't have previous knowledge about the city. Therefore, the first few days of the workshop were dedicated to learning – about the history of Ivanić-Grad but also about the customs and the community itself. It was important for volunteers to understand the context and the objectives of the workshop in order to engage in the field work and analysis. The association Prijatelji baštine offered their experts – historians and architects who were responsible for the technical leadership of the workshop.

Through a range of field visits, the participants were able to understand the importance of the industry for the development of the city and the wider area of the region, but also to learn about the famous historical personalities, the local craftsmen, the fortress and the role it had during the Ottoman conquests, and about the fact that in 1948 the first oil field was discovered in Šumećani. This discovery particularly contributed to the changes that consequently followed: an intense industry development, urban expansion and population growth. On the occasion of the official **welcome in the City Hall** by the vice-mayor of Ivanić-Grad, we were able to explain to the local authority the relevance of the topic and the need for their support to the civil society.

THE METHODOLOGY AND APPROACH

learning about the community



study visits to the industrial city of Sisak



exhibition: Arhitektura u Ivanić-Gradu 1960.-1985.





Valorizacija industrijske baštine - međunarodni primjeri

05. Rujna 2019. 17h
Mala dvorana Doma kulture, Ivanić-Grad

17:00-17:15

Julija Lisjak (Argentina) / *Industrijsko naslijeđe Buenos Airesa - vodovodni sustav*

17:15-17:30

Ana Lino (Portugal) / *Industrijsko naslijeđe Porta*

17:30-17:45

María Paula O'Donohoe Villota (Španjolska) /
La Tabacalera - Stara tvornica duhana u Madridu

17:45-18:00

Supitcha Suthanokul (Tajland) / *Naftno industrijsko naselje u Bahrainu*

18:00-18:15 Pauza

18:15-18:30

Evgeny Mosienko (Rusija) / *Industrijsko naslijeđe u regiji Kalinjingrada*

18:30-18:45

Nevena Alavuk (Srbija) / *Industrijsko naslijeđe kao potencijal za razvoj kreativne industrije*

18:45-19:00

Alicia Allué (Španjolska) / *Poblenou - industrijsko naselje u Barceloni*

19:00-19:15

Lenka Barisova (Češka Republika) / *Građanske inicijative za očuvanje industrijske baštine u Češkoj*

19:15-19:30 Pitanja publike

U sklopu radionice:
MAPIRANJE I DOKUMENTACIJA
INDUSTRIJSKE BAŠTINE

IVANIĆ-GRAD
31/8 - 11/9/2019

After the theoretical background, the group was divided into teams and under professional guidance, started mapping relevant sites and planning the strategy for the field work. In the following days, the Architecture team and the Documentation team, simultaneously worked *in situ* – in the central zone and in the industrial zone. The last few days of the workshop were dedicated to gathering and classifying all the documentation and agreeing on how to present it and make it accessible to a larger audience.

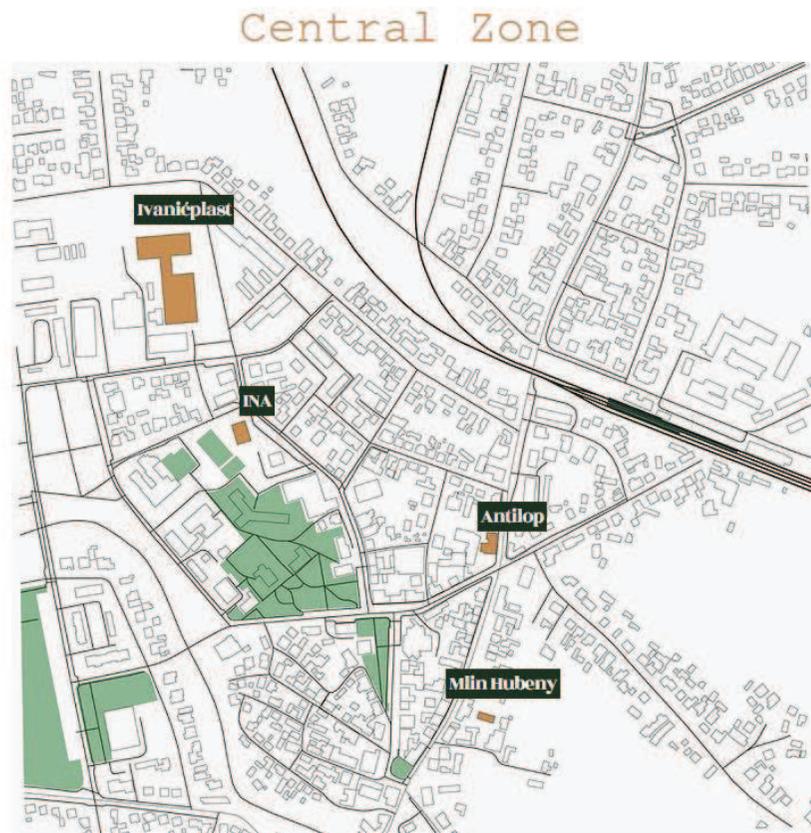
The presence of international volunteers and the exchange of experiences were also relevant to encourage active involvement of the local population into the process of valorization of industrial heritage and awareness rising about its potential for fostering sustainable cultural tourism and development. For this reason two events in the framework of the workshop were open for the general public: on **Thursday 5th of September**, the participants presented good practice examples from their countries and on the **10th of September**, the results of the workshop and the prototype for a webpage dedicated to the industrial heritage:

>>> <https://industrialheritage5.wixsite.com/industrialivanic>



2. ARCHITECTURE

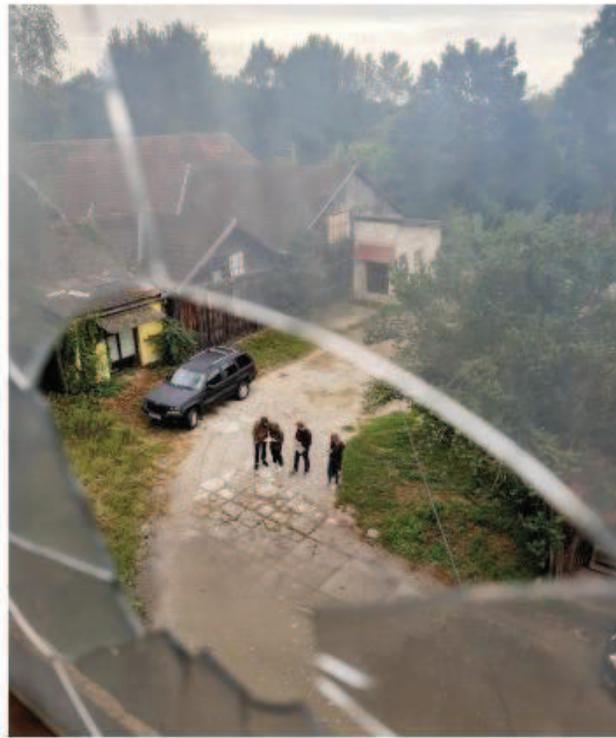
2.1. Mapping of the relevant buildings



2.2. Identity cards and analysis

The main task of the architecture team was to fill-in the identification documents with detailed information about each specific building that was mapped. The forms included the information about the location, the way of construction, number of floors and size, materials used for the building, the roof typology and the information about the current use of the building, current state and state of conservation. In addition to these forms, the team made a SWOT analysis (identifying strengths, weaknesses, opportunities and threats) which later allowed them to make conclusions for either specific buildings of interest or entire industrial complexes. They made a significant photographic documentation, both from exterior and interior of the buildings (when possible). For the purpose of better presentation, they created comprehensive Identity Cards.

on-site work



2.2.1. Central Zone: Mill Hubeny / INA (administration+Žutica forest area) / Antilop / Ivanićplast

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 1	Location: 1 Building: 1
Address: Savska ul. 31A, 10310, Ivanić Grad	
2. BUILDING DATA	
Original Use: Mill	Today Use: Abandoned
Company: Mlin Hubeny	
Year of Construction: 1930*	
Author: unknown	
Surface in floor (approx): 24x8m	192 m ² Surface Covered: 576
Number of floors:	3
State of Conservation: bad	
Materials used for Building	
Structure: bricks + timber floor	Roof: timber structure + asbestos sheets
Facade: plasters	
Windows: steel frame	Doors: wood
3. INTERIOR PHOTOS	



MILL HUBENY - Comments based on the SWOT analysis:

The building has a great location in the centre of the city. The current state and easy accessibility, as it does not have any protection, is a serious threat and can result with the destruction of the building, especially of its wooden parts, including possible fire. There is mould on the walls and the water is leaking through the roof. In addition, large cracks in the wall on both sides of the building affect its integrity and represent a threat to the collapse of the wall.

The large area of the mill and its three floors with large windows allow it to be used for various purposes, especially cultural ones considering its location. It could be used as a multifunctional cultural venue taking into account the lack of such spaces in the city. In addition, at least a part of it could be given as a free space for local associations and creative individuals who could propose their own programs throughout the year. The other parts could be used for more commercial services in order to assure the sustainability, for example using the garden as a terrace for a café. The interior of the building with the remainings of the old mechanisms creates a unique industrial complex. Regarding the preservation of the building, it is of great importance to highlight its historical background as one of Ivanić-Grad significant architectural landscapes, for its future use and re-interpretation.



View of the roof in 3rd floor



View of original wooden mechanisms in 2nd floor



View of original wooden mechanisms in 3rd floor



View of a wall crack in 2nd floor

INA administrative building - Comments based on the SWOT analysis:

INA's office is one of the historical buildings of Ivanić-Grad. Its surrounding environment is a beautifully designed public space. The façade of this building suffered some renovations, however, as it is still being used for its original purpose the original design was respected. The sculpture of the oil pump placed outside and the building itself symbolize the company and its importance in the local industrial heritage.

However, additional information board or other interpretation tools should be included both in Croatian and English. With its nice accessible location, this building has the potential to become one of the stops of a tourist industrial heritage route of Ivanić-Grad showing the active aspect of the industry in the city. The preservation of the architectural features should be considered in future maintenance with the aim to preserve the building's visual authenticity.

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION		
Zone: 1	Location: 2	Building: 1
Address: Moslavačka ul. 15, 10310, Ivanić Grad		
2. BUILDING DATA		
Original Use: Corporate office	Today Use: Corporate	
Company: INA - Industrija nafte		
Year of Construction: 1960		
Author: Anđelko Bilandžić		
Surface in floor (approx): 25x17m	425 m ²	Surface Covered: 850
Number of floors:	2	
State of Conservation: good		
Materials used for Building		
Structure: concrete + steel	Roof: gravel	
Facade: plasters		
Windows: steel frame	Doors: steel	



View of steel doors of the main entrance



View of the main facade and no original windows shelters



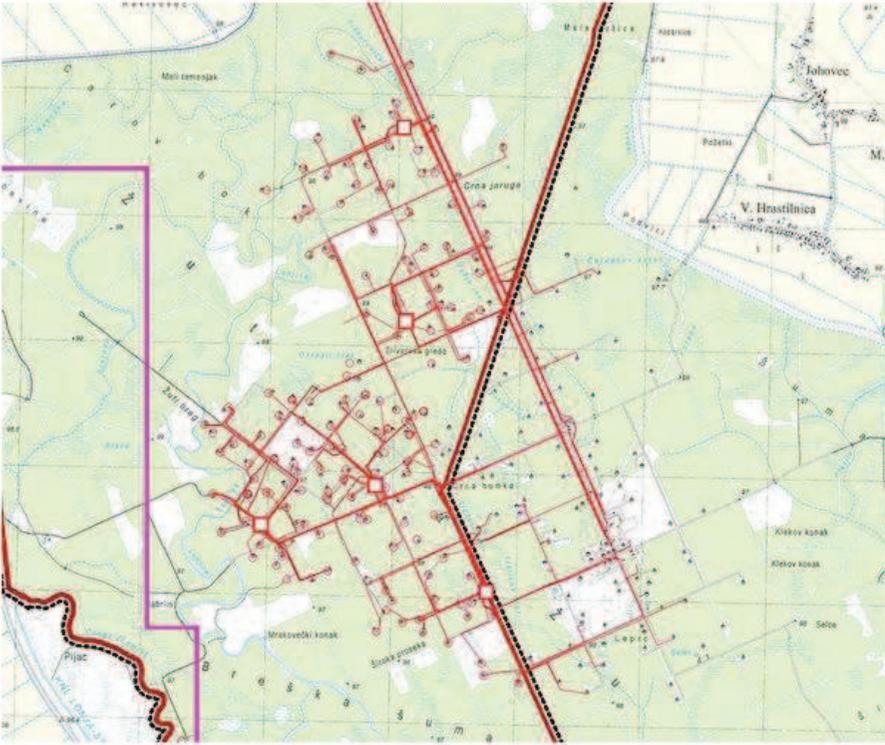
View of windows of 1nd and 2nd floors



View of the facade

In addition to the Administration Building, we also visited INA's oil settlement in Žutica Forest (outside the central zone), with over 200 oil pumps spread around the forest and a small town made of roads that connect all the pumps, offices and installations. It shows a unique coexistence of industry and nature and could be promoted further as a unique site linking these two aspects and making of it a special Industrial-Natural Heritage Site.

INA Žutica



ID CARD - INDUSTRIAL HERITAGE BUILDINGS

DESIGNATION AND LOCATION	
Zone: 1	Location: 2 Building: 1
Address: Ul. kralja Tomislava 28, 10310, Ivanić Grad	
BUILDING DATA	
Original Use: Printing company	Today Use: *Linea* design
Company: Antilopa	
Year of Construction: 1970 (?)	
Author: unknown	
Surface in floor (approx): 21x14m	294 m2 Surface Covered: 588
Number of floors:	2
State of Conservation: good	
Materials used for Building	
Structure: concrete	Roof: sheet metal, asbestos
Facade: plasters	
Windows: wooden frame (1st floor)	Doors:
steel frame (2nd floor)	plastic
INTERIOR PHOTOS	



View of façade of 1st floor



View of main entrance



View of stairs from 2nd to 1st floor



View of the interior of worked space

ANTILOP - Comments based on the SWOT analysis:

The building has been in constant use and it is currently occupied by a design studio, Linea. First, it was a printing company, then Antilop occupied the building producing worker's equipment, and now it is back to its original function as a printing company. The first floor is in good state of conservation and it is being used respecting the original design.

Many valuable attributes of the building remain such as the façade, the original window frames, the wooden floor, and typical stone stairs. Interior space of this building has been adapted for modern use. Hence, at this stage, the original division of the interior can be seen in both floors. It is positive that the building is still in use and is continuing with the production. Attention is needed on the second floor on which the current and original office set up is planned to be demolished to gain more space. In this sense, the documentation at this stage is essential.

For locals and new generations, historical context of the building can be explained in the small green area in front of the main entrance, in the form of information board, QR Code or similar.

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION			
Zone: 1	Location: 4	Building: A	
Address: Ul. Vučkovaška 6, 10310, Ivanić Grad			
2. BUILDING DATA			
Original Use: Industrial	Today Use: Manufacturer of quality toilet seats		
Company: Ivanićplast			
Year of Construction: 1962			
Author: unknown			
Surface in floor (approx): 60x40m	2400 m ²	Surface Covered:	2400
Number of floors:	1		
State of Conservation: good			
Materials used for Building			
Structure: concrete=bricks	Roof: sheet metal, asbestos		
Facade: plasters			
Windows: steel, plastic	Doors: steel		
3. INTERIOR PHOTOS			



View of façade



View of interiors



View of machine press



View of the light window

IVANIĆPLAST COMPLEX - Comments based on the SWOT analysis:

The complex is easily accessible since it is located in the city centre, and it attracts attention due to its architectural features. The architecture is composed of the barrel-shaped roof and patterned-frame windows in the façade. Since it was built in 1962, the history of this building holds interesting stories for citizens of Ivanić-Grad as well as the visitors. The factory's landscape, including the surrounding green area, has a great potential for future function as an events venue and public space.

The most interesting building of the complex is the building "A" (ID card on the left). Due to the acquisition by a foreign company which is planning to relocate the production to a new site, this building is likely to remain empty. If renovated, it could be used as a multifunctional cultural space and events venue for the benefit of the local community. The importance of the industrial heritage site should be considered with respect to the original design and the appearance of the building should not be distorted. In addition, more informative tools can be added to the site - for example, information stands with the factory's history, workers' stories and the relevance of the factory for the development of the city.

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 1	Location: 4 Building: B
Address: UJ. Vukovarska 6, 10310, Ivanić Grad	
2. BUILDING DATA	
Original Use: warehouse, storage	Today Use: storage and manufacture
Company: Ivanicplast	
Year of Construction: 1950	
Author: unknown	
Surface in floor (approx): 70x27m	1890 m2
Surface Covered:	1890
Number of floors:	1
State of Conservation:	good
Materials used for Building	
Structure: concrete and bricks	Roof: pitched and metal sheets
Facade: new rendered	
Windows: steel frame	Doors: steel frame
3. INTERIOR PHOTOS	



Side view



Interior view



Interior view - openings



different heights between buildings

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 1	Location: 4 Building: C
Address: UJ. Vukovarska 6, 10310, Ivanić Grad	
2. BUILDING DATA	
Original Use: offices - management	Today Use: offices - management
Company: Ivanicplast	
Year of Construction: 1975	
Author: unknown	
Surface in floor (approx): 50x22m	1100 m2
Surface Covered:	1100
Number of floors:	1
State of Conservation:	good
Materials used for Building	
Structure: concrete and bricks	Roof: flat covered with gravel
Facade: new rendered	
Windows: plastic	Doors: plastic
3. INTERIOR PHOTOS	



Exterior views



Exterior views

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 1	Location: 4 Building: D
Address: Ul. Vukovarska 6, 10310, Ivanić Grad	
2. BUILDING DATA	
Original Use: manufacturing facilities	Today Use: manufacturing facilities
Company: Ivanicplast	
Year of Construction: n/a	
Author: n/a	
Surface in floor (approx): 42x36m	1512 m2 Surface Covered: 1512
Number of floors:	1
State of Conservation: good	
Materials used for Building	
Structure: metal sheet	Roof: barrel with metal sheet
Facade: metal	
Windows: plastic	Doors: plastic



3. INTERIOR PHOTOS

could not enter the building

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 1	Location: 4 Building: F
Address: Ul. Vukovarska 6, 10310, Ivanić Grad	
2. BUILDING DATA	
Original Use: air compressor facilities	Today Use: air compressor facilities
Company: Ivanicplast	
Year of Construction: n/a	
Author: n/a	
Surface in floor (approx): 6x20m	120 m2 Surface Covered: 120
Number of floors:	1
State of Conservation: good	
Materials used for Building	
Structure: concrete pured in sight	Roof: pitched with asbesto sheets
Facade: rendered and colored	
Windows: wooden frame	Doors: wooden frame



3. INTERIOR PHOTOS



Exterior Views



Exterior views



air compressor machines



air compressor machines

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 1	Location: 4 Building: E
Address: Ul. Vukovarska 6, 10310, Ivanić Grad	
2. BUILDING DATA	
Original Use: electric facilities	Today Use: electric facilities
Company: Ivanicplast	
Year of Construction: n/a	
Author: n/a	
Surface in floor (approx): 7x9m	63 m2 Surface Covered: 63
Number of floors:	1
State of Conservation: good	
Materials used for Building	
Structure: metal sheets	Roof: pitched with metal sheet
Facade: metal sheets	
Windows: no	Doors: metal frame



Exterior views



Exterior views

2.2.2. Industrial Zone: Ivakarton / CROSCO / Ivasim

IVAKARTON COMPLEX - Comments based on the SWOT analysis:

The complex of buildings of the former Ivakarton company has a convenient location for visual perception. On the territory, there is a small green area - a garden that could be used for recreation. An old printing press is still present in situ, it could be used as a historical monument preserving the memory of the former function of the complex, but today its state and the lack of care and information doesn't give enough relevance to its past. Other objects could be added together with more extensive information about different functions of the complex throughout the history.

The original building formerly used as an administrative building and a restaurant now is abandoned and in a bad shape (with only a faded logotype of Ivakarton in the corner as a reference to a former factory), but it still has great potential. If restored, it could be further used for contemporary administrative purposes thanks to its original convenient layout – such as office space for local start-ups, a co-working or educational space. The architectural significance of the building should be taken into account and original elements should be preserved including window frames, doors, and facades.

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

DESIGNATION AND LOCATION		
Zone: 2	Location: 1	Building: B
Address: Industrijska cesta 2B, 10310, Ivanić Grad		
BUILDING DATA		
Original Use: Office	Today Use: Abandoned	
Company: Ivakarton		
Year of Construction: 1981		
Author: unknown		
Surface in floor (approx): 40x9m	360 m ²	Surface Covered: 720
Number of floors:	2	
State of Conservation: good		
Materials used for Building		
Structure: concrete in sight	Roof: flatt covered with gravel	
Facade: brick		
Windows: steel - wooden frame	Doors: steel frame	
INTERIOR PHOTOS		



Wooden windows on 1st floor



Side view



Openings on main facade

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 2	Location: 1 Building: C
Address: Industrijska cesta 28, 10310, Ivanić Grad	
2. BUILDING DATA	
Original Use: printing - manufacturing area	Today Use: Storage - Office
Company: Ivakarton	
Year of Construction: 1981	
Author: unknown	
Surface in floor (approx): 45x58m	2610 m2 Surface Covered: 2610
Number of floors:	1
State of Conservation: good	
Materials used for Building	
Structure: concrete	Roof: concrete + asbestos sheets
Facade: brick	
Windows: steel frame	Doors: aluminum



3. INTERIOR PHOTOS



Aerial view of the building and green zone



Exhibition of original printer machine



Concrete Details on facade



View on facade with new plastic windows

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 2	Location: 1 Building: D
Address: Industrijska cesta 28, 10310, Ivanić Grad	
2. BUILDING DATA	
Original Use: unknown	Today Use: Storage
Company: Ivakarton	
Year of Construction: 1981	
Author: unknown	
Surface in floor (approx): 45x60m	2700 m2 Surface Covered: 2700
Number of floors:	1
State of Conservation: good	
Materials used for Building	
Structure: concrete	Roof: concrete + asbestos sheets
Facade: brick + glass	
Windows: steel frame	Doors: steel frame



3. INTERIOR PHOTOS



Aerial view of the building and green zone



Detail of concrete structure



Openings



concrete beams and asbestos sheets

CROSCO COMPLEX - Comments based on the SWOT analysis:

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

DESIGNATION AND LOCATION	
Zone: 2	Location: 2 Building: 1
BUILDING DATA	
Original Use: Office	Today Use: Office
Company: Croscó	
Year of Construction: 1976	
Author: unknown	
Surface in floor (approx): 43X15m	645 m ² Surface Covered: 645
Number of floors: 1	
Surface in floor (approx): 49X12m	588 m ² Surface Covered: 588
Number of floors: 1	
Structure: concrete in sight	Roof: pitched and metal sheets
Facade: brick	
Windows: wooden frame	Doors: steel frame
INTERIOR PHOTOS	



View main entrance



Side view



Side view

CROSCO company is established in 1952 as a subsidiary of INA. The complex of buildings in the industrial park is in a good state of conservation since all of its buildings are in operation. During the visit through the complex, machinery and materials interrupted the visual layout of the streets and internal circulation. Some sectors of those outdoor storages contain old machinery which is not used, rather close to being eliminated. This could be a part of an inventory or catalogue for the exhibition of the company's industrial heritage. The Factory plant contains not only a unique style of modern architectural elements (window frame, beam) but also, visual art materials from the photo contest which represent interesting industrial aesthetics. It is suggested that a part of this material, estimated to have greater value, could be shown to the public, thus promoting the identity of the people of Ivanić-Grad and the importance of its industrial zone nowadays. It would be useful to put a description board or information stand to make the complex's history and current activities more approachable to a wider audience as many of the local inhabitants do not have any knowledge about it and are usually just passing by. Some artistic interventions in its surroundings could be integrated to make the zone more frequented and more visually appealing at the same time (art installations, lighting). The main threat to the abandoned machinery items are the weather conditions and neglect (lack of awareness of the historical importance they may have). Taking advantage of this rich industrial heritage would help to establish better communication between the company and the public in general and could foster a sense of belonging and identity between the workers and the company through the testimony and exchange of knowledge of how these machines were used.

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 2	Location: 2 Building: 2
2. BUILDING DATA	
Original Use: kitchen -mensa - meeting room	Today Use: kitchen - meeting room
Company: Crocco	
Year of Construction: 1976	
Author: unknown	
Surface in floor (approx): 17X10m 24x24m	746 m2 Surface Covered: 746
Number of floors:	1
Structure: concrete	Roof: pitched and metal sheets
Facade: brick	
Windows: steel frame	Doors: steel frame
3. INTERIOR PHOTOS	



Entrance ramp



Side view and terrace

IVASIM COMPLEX - Comments based on the SWOT analysis:

IVASIM has 45 years of history and a big complex which contains one administrative building, three manufacturing buildings, two other original buildings, and one new manufacturing building. The complex is interesting from the 1970s modernism architecture point of view. The buildings maintain their authenticity in original functions and materials, as the glass filling in the windows and architectural elements. The renovation had been done in the roofing elements from a flatted slap to gabled style roof.

The potential of this compound lies in the local community integration – it can be considered as a significant educational resource: school excursions and students in chemistry could benefit from this complex through training and capacity building activities. At the same time, apart from the technical aspect and history of the local industrial heritage, a social dimension is relevant to understand the impact of the industry on the local community. Therefore, this complex could be used to showcase examples of stories and personal lives of workers for educational purposes. To emphasize its historical importance, at the entrance, information boards could be provided for the visitors.

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION	
Zone: 2	Location: 3 Building: A
Address: Industrijska cesta 4, 10310, Ivanić Grad	
2. BUILDING DATA	
Original Use: Office - Laboratory	Today Use: Office - Laboratory
Company: Ivasim	
Year of Construction: 1978-1987	
Author: unknown	
Surface in floor (approx): 36x12m	432 m2 Surface Covered: 432
Number of floors:	1
State of Conservation: good	
Materials used for Building	
Structure: concrete in sight	Roof: pitched and shindra covering
Facade: rendered and colored	
Windows: plastic pvc	Doors: steel frame
3. INTERIOR PHOTOS	
	
View of the entrance	View of lab

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

DESIGNATION AND LOCATION	
Zone: 2	Location: 3 Building: D
Address: Industrijska cesta 4, 10310, Ivanić Grad	
BUILDING DATA	
Original Use: chemical process	Today Use: chemical process
Company: Ivasim	
Year of Construction: 1978-1987	
Author: unknown	
Surface in floor (approx): 32x12m	384 m ² Surface Covered: 384
Number of floors:	1
State of Conservation: good	
Materials used for Building	
Structure: concrete in sight	Roof: pitched and asbestos sheets
Facade: brick	
Windows: steel frame	Doors: steel frame
INTERIOR PHOTOS	



Interior view



Interior view



Interior view

ID CARD - INDUSTRIAL HERITAGE BUILDINGS

DESIGNATION AND LOCATION	
Zone: 2	Location: 3 Building: E
Address: Industrijska cesta 4, 10310, Ivanić Grad	
BUILDING DATA	
Original Use: chemical process	Today Use: chemical process
Company: Ivasim	
Year of Construction: 1978-1987	
Author: unknown	
Surface in floor (approx): 25x14m	350 m ² Surface Covered: 350
Number of floors:	1
State of Conservation: good	
Materials used for Building	
Structure: concrete in sight	Roof: pitched and asbestos sheets
Facade: brick	
Windows: steel frame	Doors: steel frame
INTERIOR PHOTOS	



Interior view



Interior view



ID CARD - INDUSTRIAL HERITAGE BUILDINGS

1. DESIGNATION AND LOCATION

Zone: 2 Location: 3 Building: F
Address: Industrijska cesta 4, 10310, Ivanić Grad

2. BUILDING DATA

Original Use: chemical process	Today Use: chemical process
Company: Ivasim	
Year of Construction: 1978-1987	
Author: unknown	
Surface in floor (approx): 40x12m	480 m ² Surface Covered: 480
Number of floors:	1
State of Conservation: good	



Materials used for Building

Structure: concrete in sight	Roof: pitched and asbestos sheets
Facade: brick	
Windows: steel frame	Doors: steel frame

3. INTERIOR PHOTOS



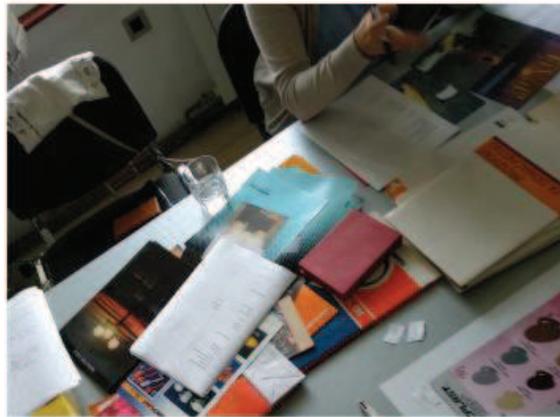
Side view



Steel frame openings

3. DOCUMENTATION

archive



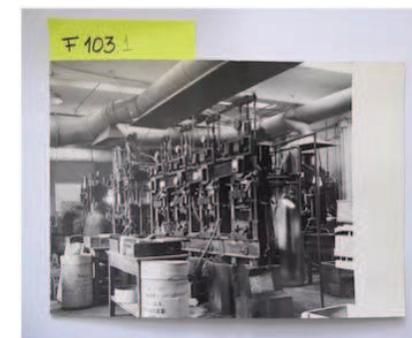
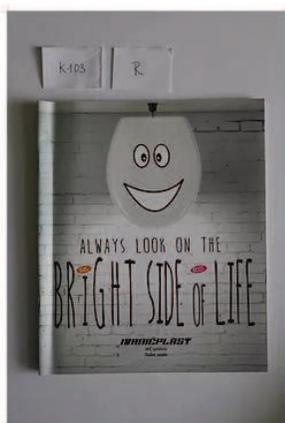
The main task of the documentation team was to explore the items consisting of photographs, official documents and various types of objects linked to the history of two selected companies: Ivanićplast in the central zone and Ivasim in the industrial zone. Both days, the methodology was the following: first the volunteers assigned the number to each item, they photographed it from different angles and filled-in the identification document containing all the details of the item (author, year and place of creation, description, material, technique, dimension, state and current owner). First day of the field work, the documentation team spent in Ivanićplast's archive and the second one in Ivasim's archive where they discovered and documented large number of different objects (300 in total). For the purpose of presenting the findings to the public, they selected the most interesting ones.

3.1. Ivaničplast archive – selected items

>>> <https://industrialheritage5.wixsite.com/industrialivanic/ivanicplast>

The collection of all documented items and detailed descriptions will be available in the future virtual museum, planned to be launched on the 4th of December 2019 by Prijatelji baštine.

Archive

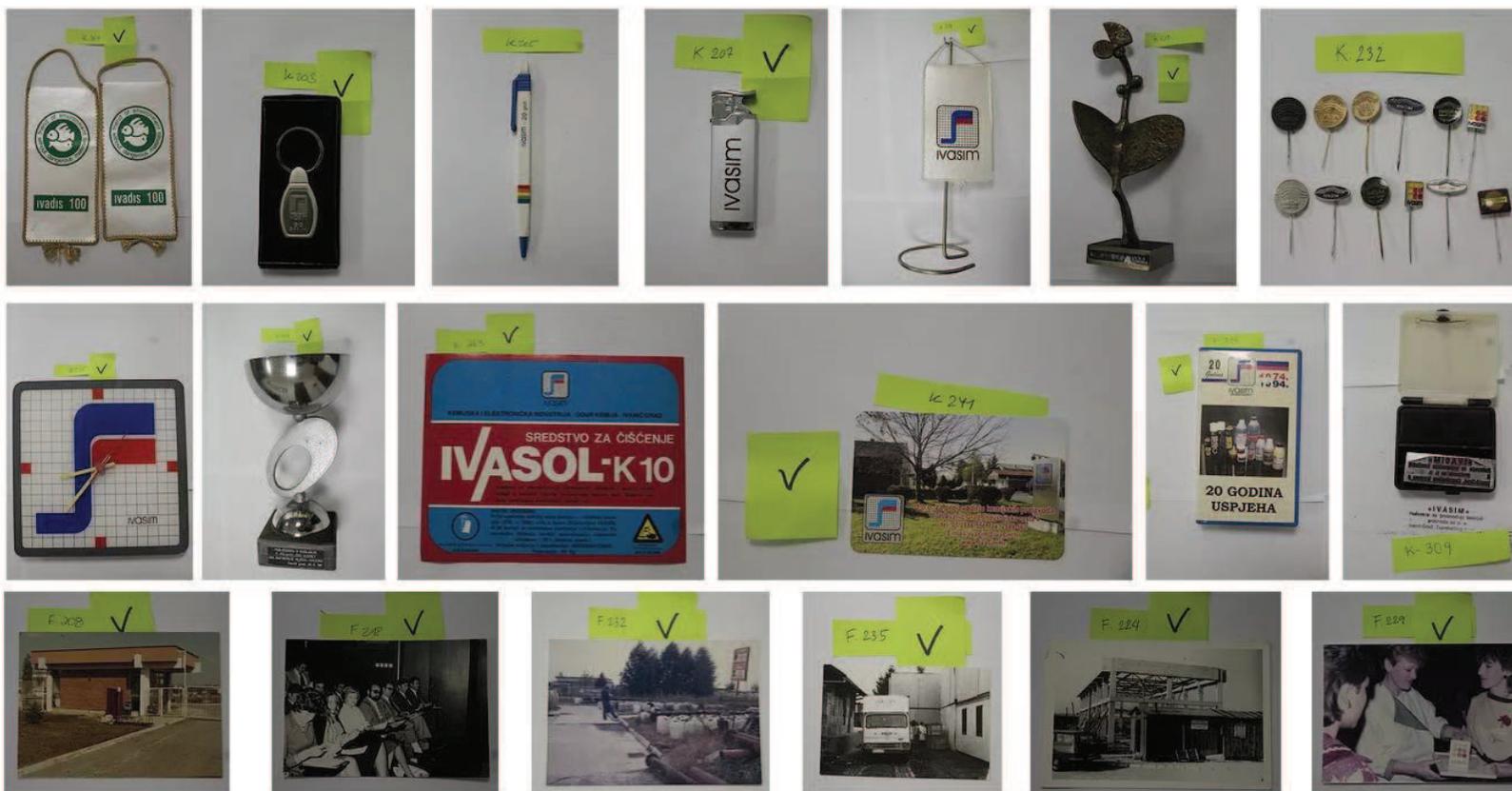


3.2. Ivasim archive – selected items

>>> <https://industrialheritage5.wixsite.com/industrialivanic/ivasim>

The collection of all documented items and detailed descriptions will be available in the future virtual museum, planned to be launched on the 4th of December 2019 by Prijatelji baštine.

Archive

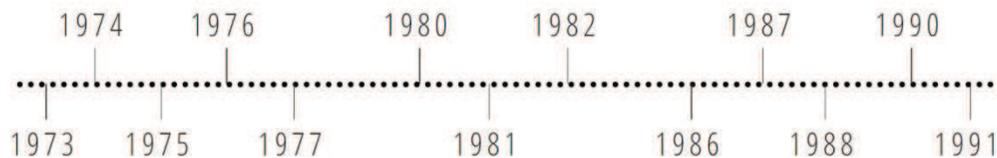


3.3. Newspapers research

After two days working on different sites, the whole group spent the day at the municipal Library, exploring the old newspapers “6. Svibanj” from the 1970s, 1980s, and 1990s. Their task was to search for interesting texts and news related to the local factories. They have found many articles related to the social life of the workers. All the newspapers were photographed (both the cover and the selected article). The necessity for future digitalization of these newspapers was emphasized. For the purpose of presenting the results on the website, the volunteers selected one article per year:

>>><https://industrialheritage5.wixsite.com/industrialivanic/newspapers>

newspapers



4. STORYTELLING

4.1. Interviews with workers

interviews with local workers



Factories are not just machines and facilities, they are first and foremost people, people who build factories and work in them. Therefore, it was very important for this project to emphasize both the social aspect and the impact that industrialization has left in the fabric of the city and the collective understanding of the identity. The volunteers have had the opportunity to talk to five hardworking people who spent their lives in factories in various positions and some of them still working there. These ethnographic interviews are a valuable contribution because they illustrate how industry influenced the residents of Ivanić-Grad and their quality of life, the opportunities that were created, but also the challenges and difficulties that affected them, especially since the 1990s. The interviews were filmed and transcribed, and here are only selected excerpts: >>><https://industrialheritage5.wixsite.com/industrialivanic/storytelling>

"There's no more production in Croatia, there are maybe couple of factories left that are still producing nowadays."

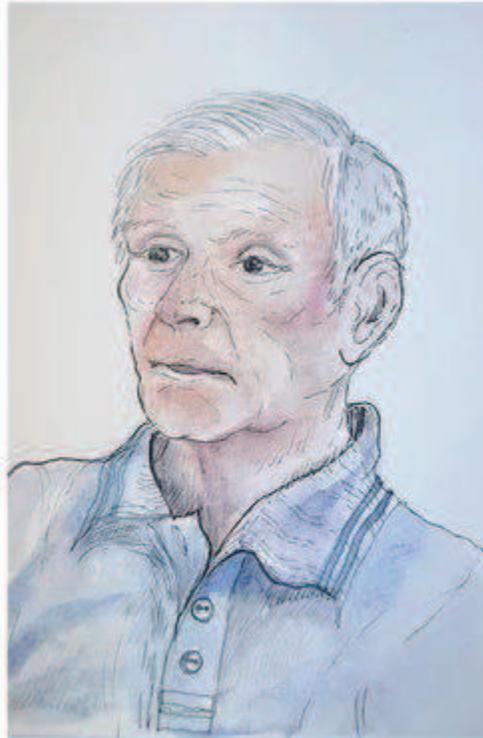
"I will always remember my first day at the factory, after my husband died. I asked a doorman to wait for me here at 6 am, to show me around so I can get to know people who work here. It was awful because I didn't know anything. I must have been crazy."



Ljiljana Renić

"I'm very happy with my employees in Ivasim. I want them to be honest with me and stand up to me, if necessary. I know I'm not always right. I think they are happy too. We get together few times a year, around holidays, but things aren't as they used to be. We don't celebrate as much."

"We had very close cooperation with INA, we used to organize annual meetings where we would compete in bowling and soccer, after which we would hang out. This type of socializing led to better business cooperation."



"The best memory I have is when after all the hard work we finally released a new product called Bison Cc. "

"There are around twenty of us in Ivasim, we are like one big family."

Ivica Stjepić

"When I first started working, discipline was very important and we had to respect our peers."

"Every day that end up successfully, work-wise, was a great day for me. There was a lot laughter and joking around. Sometimes we were such a clowns!"



"At the beginning there was almost 70 of us in 6.maj, we worked three shifts, but we could get easily organized. At the end, before closing in early 2000s, there were maybe 25 people left. "

Silvio Treppo

"After the move, the production and the sales started to rapidly grow. From factory of twenty workers, we become factory of hundred."



Milan Lovrić

"In the seventies I was a regular worker. There were too few of us so we had to work in three shifts. Around that time, Ivasim was on a different location near the city center, but we were relocated in 1979, officially in 1980."

"During the war time, there was less people working, but the production continued normally. Only when the alarm went off, we stopped the production, went hiding, and return to our position when the alarm stopped."

"My family came here from the village to find work, which was common thing in 1950, 1960 and 1970. My mother was a seamstress and got her job in textile factory and my dad got a job at Meba, today's Ivanićplast where he worked until retirement."

"There are a lot of empty factories and spaces around the city which could be transformed into new cultural place for everyone."



"With the development of industry and the emergence of small factories, Ivanić-Grad gained industrial significance with urban lifestyle. During the that time, social life and culture was very important."

Miljenko Šimunović

Illustrations: Supitcha Sutthanonkul

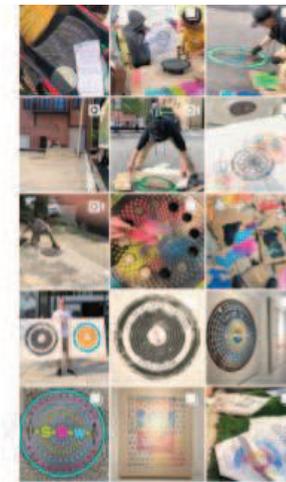
4. FUTURE PERSPECTIVES

This report, collected documentation, material and the prototype website are the results of joint efforts of young professionals and the coordination team, achieved in the 10-day workshop (6 days of dedicated work). It is only the beginning towards future research and documentation of the industrial heritage of Ivanić-Grad which should be continued because **our past is what helps us to identify ourselves**, so if we lose it, we lose a part of our identity as well. This heritage is not only important to the inhabitants of Ivanić-Grad but also to Croatia and Europe as a whole. The following slides are dedicated to reflection about the future perspectives going beyond **the documentation** – simple ideas for heritage valorization that can help raise awareness of the locals as well as attract the visitors.

SIMPLE THINGS:
CANALIZATION .



creation of
merchandise with
industrial symbols,
development of
creative perception
of industrial
heritage



RAILIZATION



Example:
Museum of
the city of
Mamonovo



1894

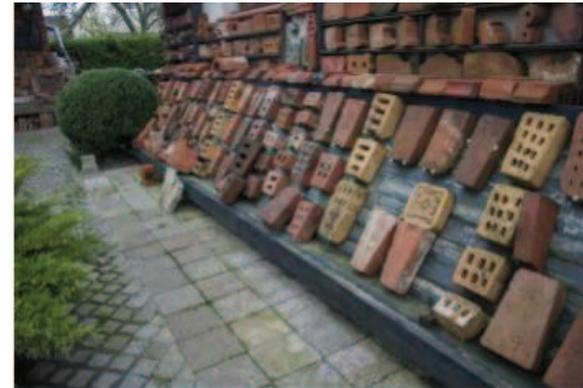
railway heritage is also an industrial heritage, important in the development of Ivanic-Grad. Rail can be a historical and museological object.



BRICKSTALIZATION



The brick industry is also an integral part of the history of Ivanič-Grad. The exposition of branded bricks attracts the interest of those interested in industrial history and ceramics.



SILOSILIZATION



The grain industry is one of the assets of Croatia. Silo is probably the tallest industrial building in Ivanic-Grad. It can also be used as a viewing point. Silo walls can be used for industrial art with the themes related to the oil or grain industry. (As an example, the mural on the facades of buildings in Sisak).





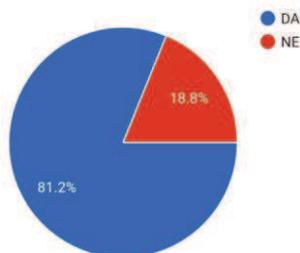
During one of the public events, the local community had the opportunity to hear some of the good practice examples of preservation and documentation of industrial heritage from volunteers' countries. These examples might have been a source of inspiration and learning of what is possible and what could be adapted and implemented in Ivanić-Grad. But most importantly, the international examples contributed to better understanding that industrial heritage valorization is not just a local problem but a challenge we are facing all over the world. It is important to **think global** when working on this topic. Valorization always starts at the local level – in this sense, Ivanić-Grad has an advantage thanks to the active civil society – Prijatelji baštine association. However, there should be also a more regional or national attempt of bringing together heritage activists and

initiatives, for example establishing better collaboration with other regions or cities with significant industrial heritage such as Sisak. **Creation of the national network of industrial heritage cities** would certainly contribute to this. Finally, learning from others at the European level and joining international networks is equally important to build capacity of cultural workers and make stronger impact. This heritage is also part of the European heritage and history, and it is essential to place it on the map. There are many examples of national and European projects that are dealing with the preservation and documentation of industrial heritage (such as the selected ones indicated above) from which a lot can be learned and some solutions replicated at the local level.

During the workshop, in order to discover what the local community thinks about the project “Industrial Heritage of Ivanić-Grad” and if they would like to get involved, Prijatelji baštine have launched an online survey. Here are some of the results (available only in Croatian):

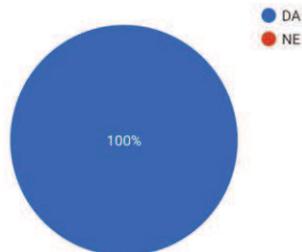
Smatrate li da će ovaj projekt senzibilizirati lokalno stanovništvo za industrijsku baštinu?

69 responses



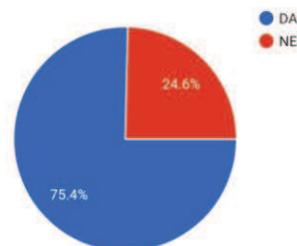
Želite li da se industrijska baština Ivanić-Grada uvrsti na Europske rute industrijske baštine?

69 responses



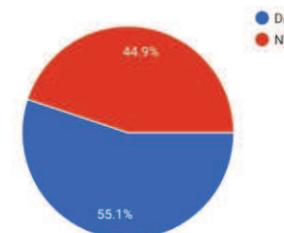
Želite li predmete industrijske baštine iz obiteljske arhive digitalizirati i uvrstiti u zbirku Virtualnog muzeja industrijske baštine Ivanić-Grada?

69 responses



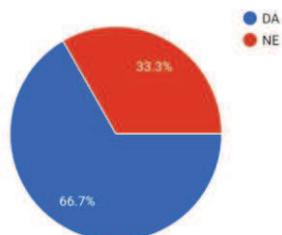
Želite li financijski podržati stvaranje Virtualnog muzeja industrijske baštine Ivanić-Grada putem donacije ili crowdfunding kampanje (pojedinačni iznos donacije oko 50 - 200 kn)?

69 responses



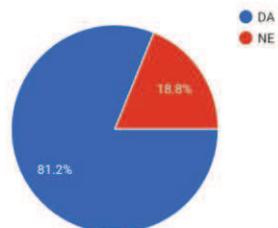
Želite li sudjelovati u javnim prezentacijama i predavanjima na temu industrijske baštine, u organizaciji udruge Prijatelji baštine?

69 responses



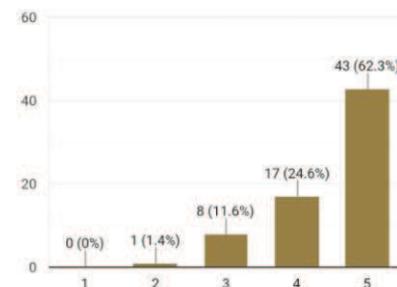
Smatrate li da udruga Prijatelji baštine kvalitetno informira građane o ovom projektu putem društvenih mreža, internetske stranice i drugih medija?

69 responses



Vaša ocjena rada udruge Prijatelji baštine

69 responses



WHAT CAN YOU DO?

JOIN THE INITIATIVE >>> <http://prijatelji-bastine.hr/industrijska-bastina/>

UKLJUČI SE



STVARAJ ONLINE ZBIRKU INDUSTRIJSKE BAŠTINE



DONIRAJ ZA PROJEKT INDUSTRIJSKA BAŠTINA



KAKO UPLATITI DONACIJU?



HVALA!
THANK YOU!

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