



Past - Present - Future



CONVERSION OF INDUSTRIAL CULTURAL SPACE INTO CREATIVE CENTRE OF INFORMAL EDUCATION

Concept paper “The creative centre in
Sisak-Moslavina County”

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1. Abstract

The concept in front of you is one of the results of local InduCult2.0 Focus group meetings and local stakeholders networking in the area of Sisak-Moslavina County (Croatia).

It is conducted within the Interreg Central European project “InduCult2.0”. Sisak-Moslavina County, as project partner, intends to elaborate the concept of conversion of an industrial cultural space into creative centre of informal education which will include elaboration of educational programmes of the centre with methods of attracting necessary educational staff and potential target groups for project purpose and elaboration of guidelines of conversion industrial cultural space into the creative centre of informal education. The Centre of informal education intends to focus primarily on young and unemployed people as the main target group. The main aim of Centre is to increase life quality of all residents from Sisak-Moslavina County and to help in reducing the number of unemployed people which is very high in this area.

The Centre will be located on the river ship “Biokovo” situated in Sisak which had very significant role in industrial time and until now didn't have any purpose. Program will provide different forms of informal education with the purpose to present the content and the role of the Centre which will become tourist attraction of the Town Sisak.

2. Project InduCult2.0

Project “A New Industrial Culture in Central Europe“- InduCult2.0 concerns preservation of Industrial heritage and its usage (www.inducult.eu). InduCult2.0 addresses Central European regions mono-focused on industrial production. The partnership sets out to discover the full industry-based culture of these regions for positioning them as appealing places for work, life, and recreation. InduCult2.0 is initiated by 8 long-standing industrial regions represented by:

- District of Zwickau (Germany);
- Municipality of Leoben (Austria);
- County association of Local Action Groups of Karlovy Vary Region (Czech Republic);
- Padova Chamber of Commerce, Industry, Craft and Agriculture (Italy);
- BSC, Business support centre, Kranj (Slovenia)
- Sisak-Moslavina County (Croatia);
- Opolskie Centre for Economy Development (Poland);
- Stebo Competence Centre Community Development (Belgium).

Project lifetime is from June 2016 till may 2019, with total project value EUR 3.000.295,16 of which EUR 163,548.04 is provided by the project budget of Sisak-Moslavina County as a project partner. Project is financed through European Regional Development Fund.

Within project Sisak-Moslavina County as project partner will carry out following activities:

- Create regional strategy and action plans for preservation/implementation of Industrial cultural heritage,
- Organize lections for educational institution and institution in charge for protection of cultural heritage, strengthening the regional industrial identity and applying an innovative educational approach,

- Create an online map of industrial culture,
- Organize transnational culture exhibition and
- Establish an information centre of industrial heritage.

Another activity that will be implemented by Sisak-Moslavina County is the elaboration of the concept of conversion of industrial cultural space into creative centre of informal education whose content will be explained in details below. The Centre will represent a link between informal education using modern methods and industrial cultural heritage history. A mix of those two will be used for the first time in the region.

For better understanding of the further text in the beginning a few sentences about distinguishing definition of industrial culture and industrial history/industrial heritage. Even if the whole project is concerning industrial culture in Croatian language that is not common way of expression, so in the text it is often use a phrase such as industrial heritage or industrial history. It implies on something that is the term of stagnation, disappearance, residues... that is tied up more with history - a time when it was at the peak of development. In the last few years, the importance of industrial heritage has begun to emphasize and that term has more frequently begun to be used in public.

3. Introduction & Objective

Industrial culture of the Sisak-Moslavina County (Croatia) makes an important, necessary component of cultural activity and development of the region. The perception of the County as old-industrial region is often still negatively connoted and at the same time, the region has a vast potential to use industrial heritage for promoting a positive regional image and as unique selling point related to pioneering spirit, traditions and innovation capability.

Industrial culture of the region can be used for new economic development, sustainable employment at the regional level as well as for touristic, cultural or museum purposes. Industrial sites can become extraordinary living space or working place for the creative industries given their affinity to the old-industrial spirit.

In order to contribute to above mentioned goals, Sisak-Moslavina County intends to form the Creative Centre of informal education aiming primarily at young and unemployed people as the main target group. The main aim of Centre is to increase life quality of all residents from Sisak-Moslavina County and to help in reducing the number of unemployed people.

The city of Sisak, as a significant industrial centre of Croatia in 20. Century is a place rich with industrial heritage. City brewery from 1885, old Shell INA Refinery Plant, Alcoholic Beverages Factory Petar Teslić (nowadays "Segestica"), City Lightning - the first electrical power plant from 1907, as well as a number of other buildings are part of the city's identity. Today, the big issue is how to valorise, present and use those buildings and heritage. A small part of buildings is still in use with original or modified purpose, while the remaining buildings are completely neglected. A large part of the buildings within the industrial complex is abandoned due to reduced production capacities. Bad condition of industrial heritage buildings was the main reason for launching a series of activities in the direction of preservation and conversion.

The creative centre of informal education (in further text Centre) has the main goal of converting an old industrial building into an object that will be in the future used by Sisak residents and visitors. The Centre will be located on a ship “Biokovo” that has found its permanent harbour on the river Kupa in Sisak, on the left bank, parallel to the Slavo Striegel promenade and Roman street. In 1960 the motorized tug “Biokovo” was built, being the strongest ship on Danube for decades carrying blue-white flag. It attracted enormous attention wherever he appeared. The most commonly it was used to drag convoy of 13 barges, each with 1000 tonnes of.

This is a load that can be transmitted by 430 trucks, each carrying 30 tons. It often served as an ice-breaker because his bow and the hull was especially strengthened. It is important to emphasize that “Biokovo” was the first river ship that travelled a long way from Piran shipyard - where it was built - over four seas to the mouth of the Danube, and upstream to Sisak in its home port.

After 20 years of decaying, the ship “Biokovo” was restored and put into a new function. The ship has been refurbished in several stages with the utmost care to preserve its original external features. Now it serves as a dock for safe reception of ships and passengers, but also as a part of tourist attraction.

The Centre will be reconstructed and arranged for a safe and comfortable stay of all interested parties in the future. Primarily it will be on service for main target group of project - young and unemployed people. It will have a role of entertainment space and informal learning space.

It will also have an important role in fostering entrepreneurship for start-up companies that will develop their ideas through Centre.

The following pictures show “Biokovo” ship before reconstruction and its current condition.

Picture 1: Ship “Biokovo” before reconstruction



Picture 2: “Biokovo” ship today



4. Applied Approach

Sisak-Moslavina County in the framework of elaboration of the concept of conversion of industrial cultural space into creative centre of informal education, has conducted a public survey among young people and unemployed persons with the intent of developing an educational program and content of the creative cultural center of informal education. In order to find out their opinion and what they want to learn, an online questionnaire was created.

Questionnaire consists of ten questions about life quality for target groups in their city, their view on the most attractive forms of informal learning, their ideas about the presentation of the industrial heritage of the city of Sisak etc. Based on the 60 obtained answers, all segments of Centre are created in order to motivate target groups to visit and participate in Centre activities. The respondents were aged between 15 and 39 years and most of them were unemployed. On the question about the current satisfaction with contents in the city for young people, 90% of respondents said they are dissatisfied and expressed their strong desire for various educational, sports, cultural and entertainment content needed for express them. All respondents want to participate in informal learning activities such as panel discussion, youth exchanges, quizzes, logical games, etc. Also 85% of the respondents agreed that the industrial heritage should be part of the tourist offer of the city of Sisak and Sisak-Moslavina County; furthermore some forms of promotion of the Industrial heritage were suggested by respondents.

Based on this survey the following project activities were included in the concept:

4.1. Elaboration of educational program of creative cultural centre with method of attracting necessary educational staff and potential target groups for project purpose

The InduCult2.0 project motto “Living industrial culture” will be expanded among young population through the Centre. Considering the rich history of the city of Sisak as a major large industrial centre in past, there are many interesting stories which are important for the future development regarding tourism and economy in general. Young people are not very familiar with industrial heritage and stories arising from this part of history.

Most of old industrial buildings that had important role in past are unused and neglected, like City Slaughterhouse, Hat Factory, Drach Residential Complex, Eugen Kvaternik Residential Complex, Water Tower, Steam bath, Glassworks Teslić, Iodine treatment centre. The buildings are decaying and waiting to get a new purpose. Considering those issues and problems in industrial heritage situation, this project will change one part contributing to better use of industrial heritage. Educational programmes and other content of the Centre will revive a very important segment of Sisak history - the ship "Biokovo".

Sisak-Moslavina County in cooperation with Town Museum Sisak, Technical School Sisak and SI-MO-RA Regional Development Agency of Sisak-Moslavina County will organise 3 workshops for 45 stakeholders with the projection of the content of Centre which will be settled in ship "Biokovo".

One part of the ship, more precisely 100m², that Sisak-Moslavina County gained for use, will be used for implementation of the workshops with the thematic of the of the content of Centre with following thematic:

3D technology workshops

Sisak-Moslavina County in cooperation with Croatian Employment Service will open public call for participation in 3D technology workshops intended for young and unemployed people.

Workshops will be held in cooperation with Sisak Technical School that already have few successful projects in past - SOLEA solar car production, 3D Print Show and 3D Future Factory. The main aim of workshops is to introduce participants with advantages and possibilities which provide additive technology as well as its usage in practice thus enabling 3D printers, scanners and modelling, to create networks and share experience and knowledge.

Entrepreneurship workshops

Sisak-Moslavina County in cooperation with SI-MO-RA Regional Development Agency of Sisak-Moslavina County will organize workshops on entrepreneurship for young and unemployed people, where stakeholders will be informed about entrepreneurship, positive entrepreneurial examples, basic entrepreneurial competencies required, lifelong learning for personal and professional development and the benefits of starting their own business.

Thematic quizzes workshops

As very interesting and popular way of informal learning thematic quizzes stand out. Town Museum Sisak will design and implement thematic quizzes workshops with focus on history of town Sisak and its industrial heritage; also it will be open to all interested residents.

Subcontracting external experts for workshops lecturing

For 3D technology workshops, Thematic quizzes workshops and Entrepreneurship workshops_external experts will be subcontracted for their implementation. People with expert knowledge on these topics during project lifetime will pass the knowledge to the participants enabling them to compete on the global market with a success.

In order to realize defined objectives and to establish a creative centre of informal education, an institution (public touristic or local civil association) for Centre management will be found together with competitive lecturers. For selection of educational staff call for proposal will be issued which will ensure visibility of project concept and its activities. Lecturers will have an opportunity to implement their workshops in a modern venue set on the water; also they will cooperate with young and ambitious people and work on innovative ideas. The practice of the Centre can become an example of good practice that can be multiplied in other cities and regions though assistance and support of the team realizing this project.

Centre will be on the disposal for everyone, but is primarily intended for young and unemployed people - the main target group. It will have a role of entertainment space and informal learning space in which various events, exhibitions and workshops will be held. It will also have an important role in fostering entrepreneurship for start-up companies that will develop their ideas through Centre. Young and unemployed people, as the socially most vulnerable group of people in the Sisak-Moslavina County area, every investment in their knowledge as well as in the motivation for better use of their leisure time provides multiple positive effects.

In order to get the project information on time to reach the target group and attract all interested, Sisak-Moslavina County in cooperation with the Croatian Employment Service will inform the unemployed about the possibilities of education and participation within the project. Invitations will be sent to secondary schools in the Town Sisak for the purpose of informal learning of young people. On the website of Sisak-Moslavina County, public invitations to participate will be published along with all project information. In order to achieve the greatest visibility of the project and content promoted by the project, Sisak-Moslavina County will be in charge of the promotion and visibility of the project.

4.2. Guidelines for conversion of industrial cultural space into the creative centre of informal education

Sisak-Moslavina County will conducted external expertise for the development of project technical documentation of the reconstruction the interior design of the creative center of informal education that will be located on the ship “Biokovo”.

Subcontracting the external expertise

Current condition of the ship “Biokovo” is without walls and floor, without visible support bars causing lack of the overall structure of the ship. During the reconstruction, the original layout of ship will be maintained, for example one part of the ship will have floor covered with glass in order to show the original state of the motor tug. The picture of the current state of ship is shown below.

Picture 3: Motor tug Biokovo



The idea project of the reconstruction of old ship “Biokovo” in the creative center of informal education will contain technical and graphical views of the projected engagement. Sisak-Moslavina County will financed the continuation of the technical documentation after the implementation of the project through its own resources and EU funds.

4.3. Estimated costs and timeline

For the purpose of developing the concept of conversion industrial cultural space into the creative center of informal education, below are the estimated costs of the concept the Center with the estimated values.

Table 1: Estimated costs

Element	Total value in EUR	Co-financing SMC (15%)	Co-financing ERDF (85%)	Trošak
Educational program	2.000,00	300,00	1.700,00	Cost include: Contracting for 3 expertises on content-layout and testing of workshops, catering for stakeholders
Guidelines for conversion of industrial cultural space into the creative centre of informal education	10.000,00	1.500,00	8.500,00	Cost include: idea project of reconstruction of old ship "Biokovo" in the creative centre of informal education
TOTAL	12.000,00	1.800,00	10.200,00	

Elaborate: SMC

For successful formation of Centre and its project activities timeline with duration of each element is created.

Table 2: Timeline

Element	2018												2019											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Test-wise educational program																								
Guidelines for conversion of industrial cultural space into the creative centre of informal education																								
Expected implementation of design concept (outside InduCult2.0)																								
Expected start of regular courses																								

Elaborate: SMC

5. Results

The Concept of conversion of industrial cultural space into creative centre of informal education is expected to become an example of good practice, thus preserving the Industrial Heritage and preventing the deterioration of other important parts of the Town Sisak. Also it is expected that the Town Sisak will be enriched with new contents for the benefit of all residents and their visitors, thereby increasing the quality of life and leisure time. The main idea is that some parts of the Centre become a segment of town's tourist offer. Furthermore, reducing of unemployment is expected by using knowledge gained through workshops. Participants will become more competitive in the labour market.

Expected results within project lifetime:

- Implemented 3 workshops of educational program of the creative centre of informal education
- Educated 45 stakeholders of educational program
- Elaborated idea project of interior design of the creative centre of informal education
-

6. Transnational value & sustainability

Project "New Industrial Culture in Central Europe "/" A New Industrial Culture in Central Europe "- InduCult 2.0 promotes the concept of industrial culture in the industrial regions of Central Europe, applies industrial culture as a unique feature of regional identity, stimulates the development of industrial potential and provides support for initiatives, development of creativity and innovation in the industrial environment and its remnants.

Project partnership which includes 10 partners from 6 countries on Central Europe area certainly brings, based on peering and exchange of ideas, an additional transnational value to the Sisak-Moslavina County activities.

The Centre concept is prepared in line with the information gained from project partners at workshops and meetings, as well as from presented good practices in work package „Fostering creativity and innovation in the environment of industry and its remains“.

Along with the developed vision and strategy of industrial heritage management at the regional level, the intention is to protect, interpret and sustainably manage industrial heritage. Within the framework of the implementation of the strategic guidelines for the development of industrial heritage, a whole range of public, business and civil sector institutions should be incorporated, whereby the basic sources of funding for the implementation of the strategic guidelines for the development of industrial heritage include the relevant national and EU funds.

Partnership within the project will continue after the implementation of the project in the form of joint initiatives, programs and projects for the development of industrial culture, which will be based on the strengthening of creativity and innovation, creating added value of the industrial culture of the region.

Sisak-Moslavina County is responsible for the sustainability of project results and after implementing the project through its own resources and EU funds, the County will endeavor to equip the Center that will be available to the community. In cooperation with the Sisak Tourist Board, the agreement will be concluded on management of the Center. Both institutions will have the right to use all premises and facilities of the Center. It will also be in charge of further developing the content and activities of the Center to be attractive and interesting to visitors.

The project brings the first example of linking a creative center for young people with modern amenities to a water-based building. Alongside a well-known historical segment, the contents of the Center should serve as an example of good industrial culture practice in other regions.

7. Annex

The version of the Concept “CONVERSION OF INDUSTRIAL CULTURAL SPACE INTO CREATIVE CENTRE OF INFORMAL EDUCATION” in Croatian language is provided in annex.