

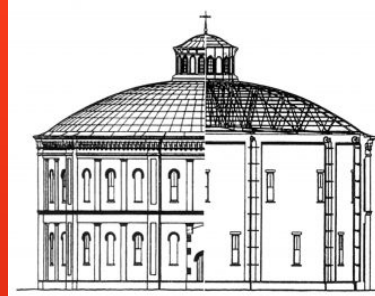
EDUCATIONAL SIGNIFICANCE OF THE EXHIBITION "**INDUSTRIALIZATION IN PROGRESS**" AND ITS IMPACT ON THE SOCIAL VERIFICATION OF INDUSTRIAL HERITAGE IN BIH

Maja Pličanić, CHwB BIH/ Cultural Heritage Without Borders Bosnia and Herzegovina

TICCIH



THE INTERNATIONAL
COMMITTEE FOR THE
CONSERVATION OF THE
INDUSTRIAL HERITAGE



SOCIETY FOR
INDUSTRIAL
ARCHEOLOGY



INDUSTRIAL HERITAGE



International Council on
Monuments and Sites
Conseil International
des Monuments et des Sites

TICCIH



The Association for Industrial Archaeology
*Promoting the study, preservation and
presentation of Britain's industrial heritage*

Heritage of Industry

Journeys into the Industrial Past



https://en.wikipedia.org/wiki/List_of_industrial_heritage_sites

“Scientific knowledge and alerting the public to the industrial, technical and civil engineering heritage foster its protection and do much to encourage the implementation of projects designed to conserve, restore and enhance it. To that end, it is up to the public authorities to:

1. promote the training of specialists in this sector at university and technical levels or in the crafts, in a spirit of interdependence between scientific disciplines and an approach directed towards the heritage;

2. organise specific campaigns to provide information for and alert:

... iii. young people at school, who constitute a particularly receptive audience for this type of message;

iv. the public at large, whose knowledge of the historic heritage is generally restricted to monuments and groups of buildings; the development of specialised museums, initiatives such as "open days" in enterprises still in production... “

...

Recommendation No. R (90) 20, 1990

“...6/I. Specialist professional training in the methodological, theoretical and historical aspects of industrial heritage should be taught at technical and university levels.

6/II. Specific educational material about the industrial past and its heritage should be produced by and for students at primary and secondary level.

...7/II. Specialist industrial and technical museums and conserved industrial sites are both important means of protecting and interpreting the industrial heritage.”

...

The Nizhny Tagil Charter, 2003

“IV. Present and communicate the heritage dimensions and values of industrial structures, sites, areas and landscapes to raise public and corporate awareness, and support training and research:

13/ *The industrial heritage is a source of learning which needs to be communicated in its multiple dimensions. It illustrates important aspects of local, national and international history and interactions over times and cultures. It demonstrates the inventive talents related to scientific and technological developments, as well as social and artistic movements. Public and corporate awareness and understanding for the industrial heritage are important means for its successful conservation.”*

...

The Dublin Principles, 2011



Tuzla, 2007



Sarajevo, 2009

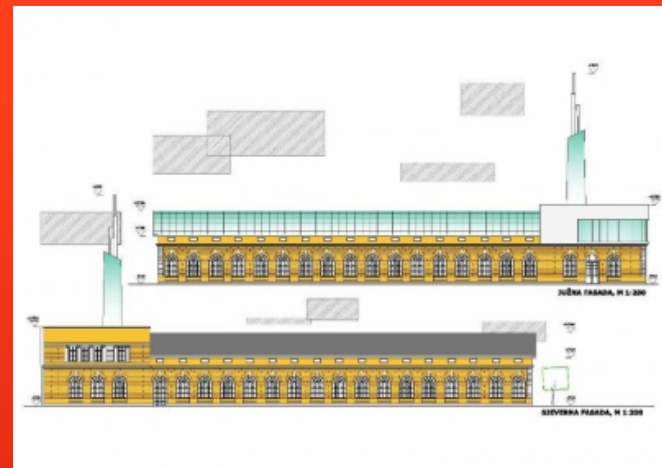
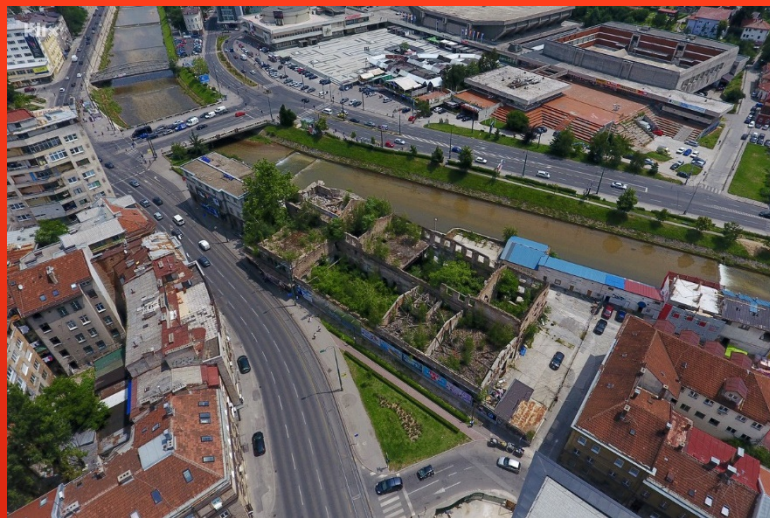


Bihać, 2011



Zenica, 2012

INDUSTRIAL HERITAGE IN BIH

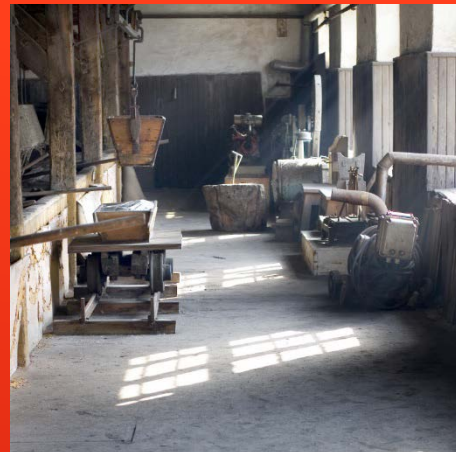


Sarajevo, 2015

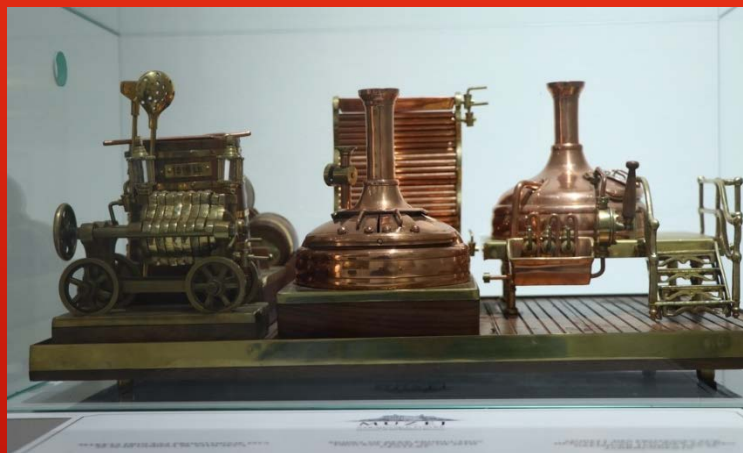
Električna centrala, 1895.

INDUSTRIAL HERITAGE IN BIH





Salt museum Tuzla



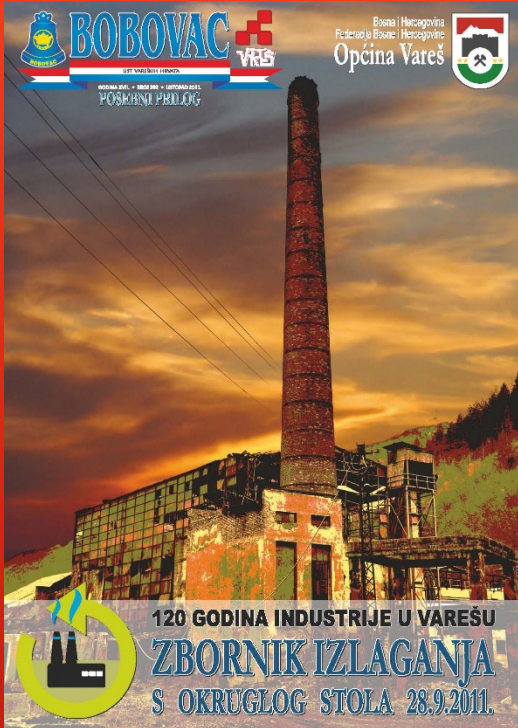
Sarajevo Brewery Museum



Museum FDS



Museum AMZ Zenica



A group of people are seated on the floor in front of a large, curved, metallic structure, possibly a ship's hull. A string of papers hangs across the scene. The setting appears to be an art installation or performance space.

Zenica 2038



Cultural Heritage without Borders Bosnia and Herzegovina

Exhibition on industrial heritage is devoted to the Treaty of Paris which established the European Coal and Steel Community on 18 April 1951 and to Bosnia and Herzegovina's industrial heritage and its industrial development presented in comparison with developments in Europe

Timing:

September 1, 2019 - October 31, 2020

Financing:

European Union, EU Delegation to BiH

Project in numbers:

19 associates (curators, historians, architects, designers...)

19 institutions (museums, high schools, cultural centers...)

9 teachers and pedagogues

XXX visitors to the exhibition

1 + 9 cities

1 multimedia traveling exhibition

1 web platform

The goals of the project are:

Raising awareness of the importance and values of industrial heritage through technical and technological progress and the social component at the local and international level.

Promotion of the origin and historical development of the European Union with an emphasis on industrial cooperation between the EU countries and Bosnia and Herzegovina in the context of 4 industrial revolutions.

Promotion of architectural, cultural, social and historical values of industrial heritage in Bosnia and Herzegovina as an inseparable heritage of the world and the involvement of Bosnia and Herzegovina in European and world's trends through the development of the industry

Raising awareness of the richness of diversity and the importance of multicultural and multiethnic cooperation for Bosnia and Herzegovina through the promotion of different segments of tangible and intangible industrial heritage;

Educating citizens, especially young people, about current development processes and new ways of using old and abandoned industrial sites in BiH and EU countries.

...



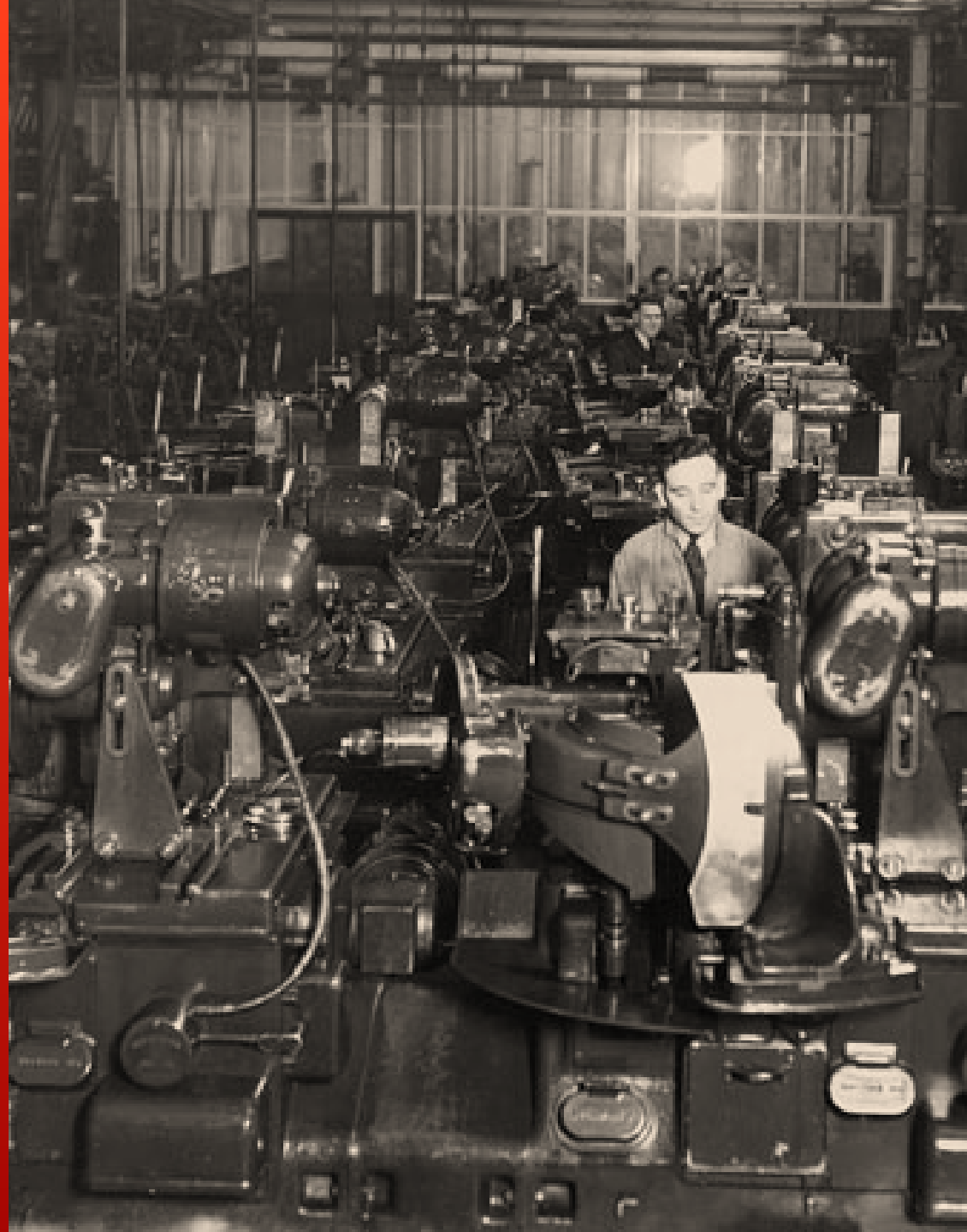
1760 - 1840
First Industrial Revolution

1870 - 1914
Second Industrial
Revolution

1969 The start of
Third Industrial Revolution

Today –
Fourth Industrial
Revolution

Wolseley
Factory
interior with
worker, 1932
Rijksmuseum,
Public
Domain



DISCOVERIES

INVENTIONS

INNOVATIONS

EVERYDAY LIFE

MONUMENTS OF THE
FUTURE

The Munitions
Girls,
Stanhope
Forbes, 1918.
Wellcome
Collection,
CC BY.





Eksploatacija soli u Tuzli

infografika Tabela preduzeća od 1907 do 1913.



50
1885.

- Započela je industrijska eksploatacija soli u Tuzli
- Prvi voz stigao u Mostar



- Vozom Orient expressom uspostavljena željeznička veza od Pariza do Istanbula
- Prvi pametni otvoren u Bijeljini.

1888.



1889.

- Započela je sa radom Tvornica čelika Sarajevo. Predstavljala je prekretnicu u veći protokovni i daljem razvoju bosanskog čelika poznatog po iznimnoj ljepoti ornamenta, čelika i iskoristivosti. Tvornica je započela rad u najavnom smislu radu snagu.



- Na Drugom kongresu Internacionalne u Parizu donesena je odluka o proširivanju Prvog maja kao pramika rada. Proslava uvedena kao spomen na Strajkove radnika Chicaga 1886. godine i njihovu borbu za radnička prava i prve zahtjeve za skraćivanje radnog vremena, zahtjeve za osam sati rada, osam sati odmora, osam sati rekreacije.



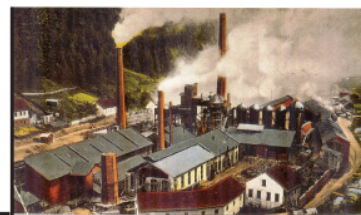
1890.

- Prvi strajk radnika u BiH. Za bolje uvjete rada strajkovalo je 280 radnika u sumskoj firmi Slesinger u Maglaju.



- Osnovana Glavna željeznička radionica Sarajevo. U njoj su se vršile popravke lokomotiva, putničkih i teretnih vagona. Imala je kotlovaricu, malu livnicu, strojarstvu i istarsku radionicu. Predstavljala je veliki mačjak za razvoj industrije u gradu.

- Izgrađena je Željezna Zenica. Bila je ključna u razvoju i životu grada Zenice. U radništvo željezara postaje simbol Zenice, bitna odrednica grada i jedno od najvažnijih bosansko-hercegovačkih sjedišta industrije.



1891.

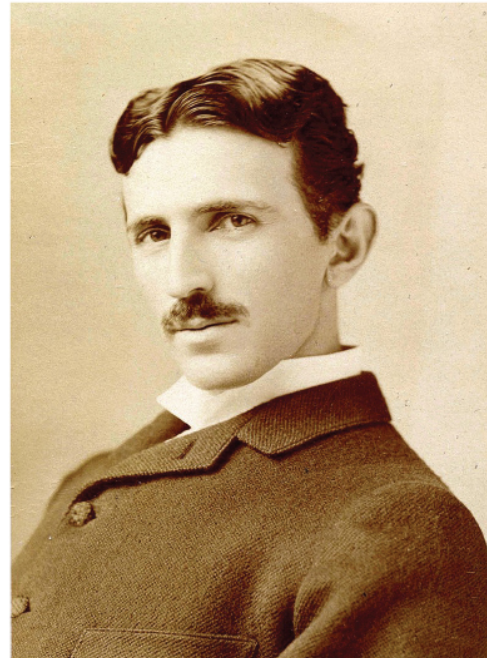
- U Bosni i Hercegovini otvorena prva željezara i talionica Vareš - Maglaj.

- Izgrađen je prvi električni dalekovod u svijetu



1892.

- U Bosanskom Brodu je izgrađena i puštena u pogon rafinerija nafta



- U Chicagu prikazan revolucionarni izum Nikole Tesle, sistem višefaznih električnih struja i električna razvijača

- Puštena je u rad Električna centrala u Sarajevu koja je radila na principu parnih elektrana. Donijela je bolji standard građanstva, uticala na kvaliteta tipa svakodnevnici, a u daljoj industrijalizaciji predstavljala važan događaj.



1893.

- U Sarajevu formirana Sarajevska pivara kao domaćo društvo



1894.

- Počela sa radom prva bosanska tvornica amonijakne sode u Lukavcu.

- Prvu proslavu Prvog maja u BiH organizirali su radnici željezne rade kod Vareša, sa ciljem skretanja pažnje na težak položaj radnika



1895.



1896.

- Prvi električni tramvaj pušten je u promet u Sarajevu. Dotadašnji tramvaj sa konjskom zaprekom posao je preuzeo Električni tramvaj značio je ne samo razvoj gradskog saobraćaja nego i novost u prostornom razvoju grada. U mnogim evropskim gradovima električni tramvaj bio je preteča podzemnih željeznica (metroa)

- Njemaac Rudolf Diesel izumio motor kojeg pokreće nafta



Themes - satellites of the exhibition:

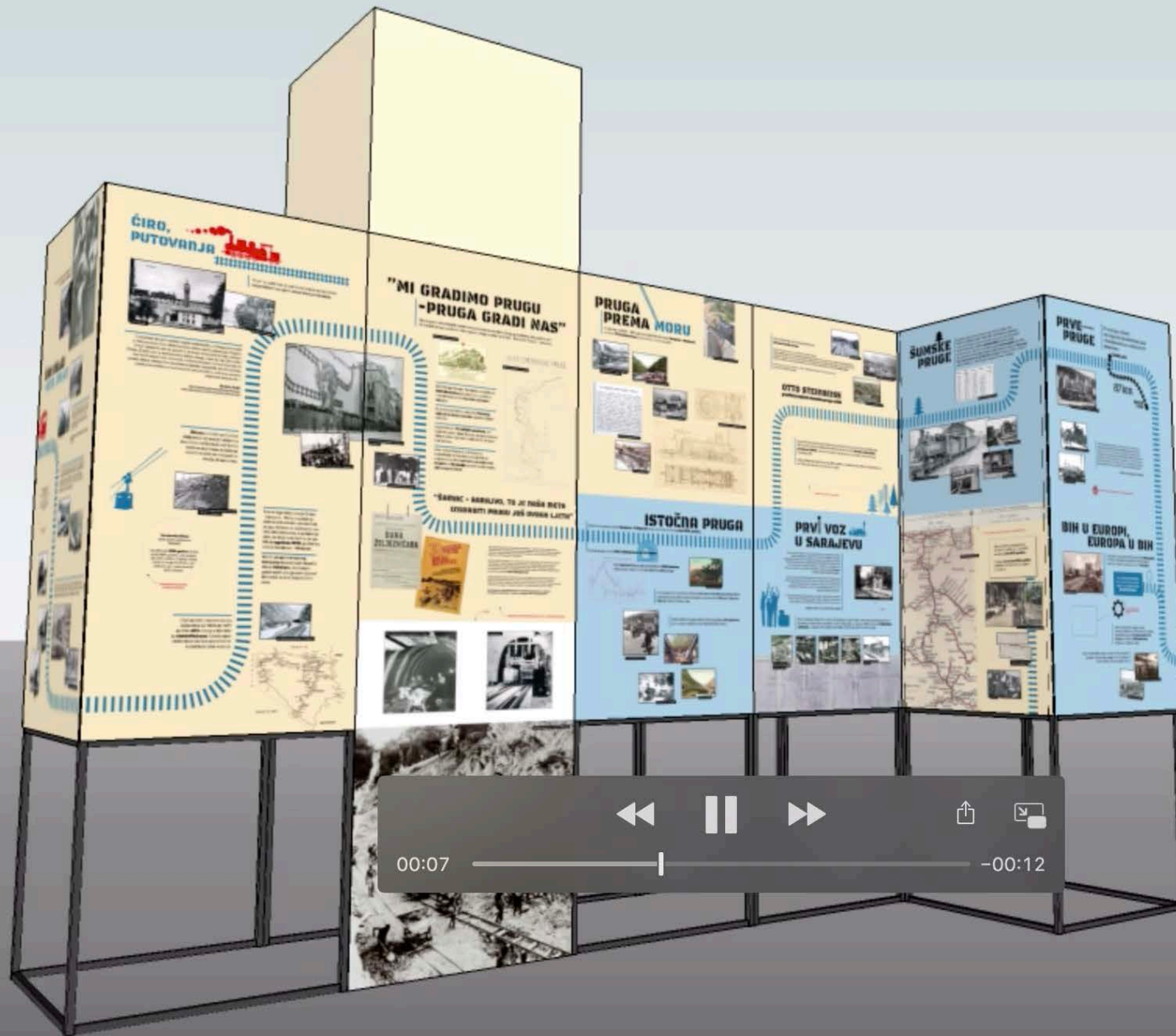
Modern times are coming

On the rails of progress

Long live our work!

Time of big development and giants

Industry today - how to proceed?







Education activities

Industrija / Industry (interactive content)

Fb page: <https://www.facebook.com/naseveze/>



99 high school students
actively participated in
the workshops so far

