

ERIH Annual Conference, Basque Country, 9th November 2023

INDUSTRIAL HERITAGE IN THE PROCESS OF TRANSITION OF THE CITY OF RYBNIK INTO A SUSTAINABLE, AESTHETICS AND INCLUSIVE URBAN AREA

Marek Gołosz [en. Gowosh]

Director of the Ignacy Historic Mine in Rybnik (Poland)



**IGNACY
Historic
Mine**
in Rybnik



Rybnik



European
Route
of Industrial
Heritage



**Szlak
Zabytków
Techniki**



**KRAJNA
GÓRNEJ
ODRY**

*industriální
pohraničí*



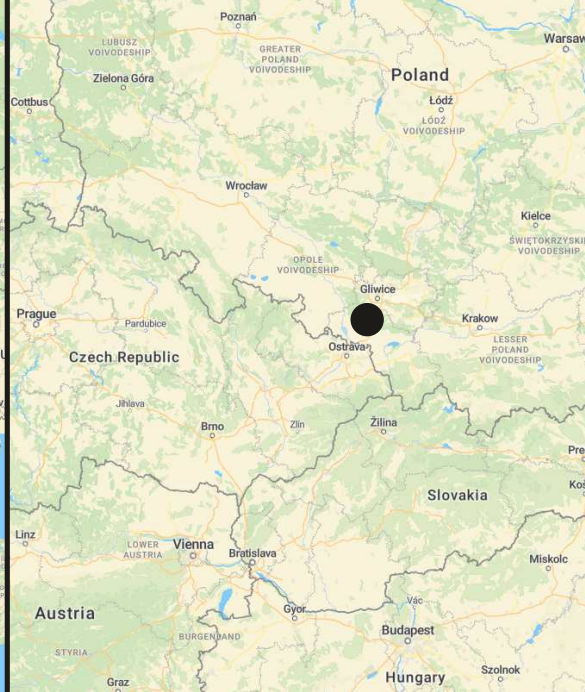
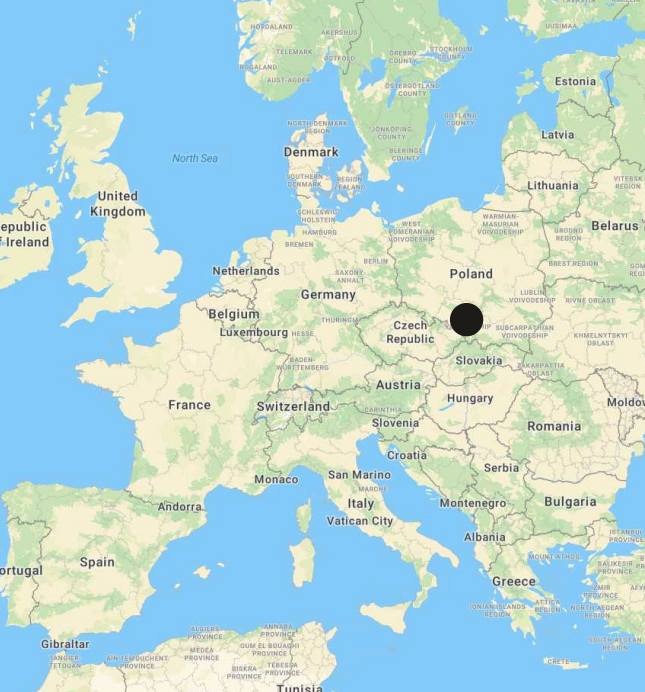
**MUZEUM
GÓRNICTWA
WĘGLOWEGO
W ZABRZU**

NEB & industrial heritage?

Can we actually use it?

Have we used it well?

Where else are we going to use (put) it?





H₂

**hydrogen-powered
public transport
buses**

The city of 50 roundabouts





The Rybnik roundabouts, photos: M. Koczy, Urząd Miasta Rybnika, rybnik.eu

The largest psychiatric hospital in Poland



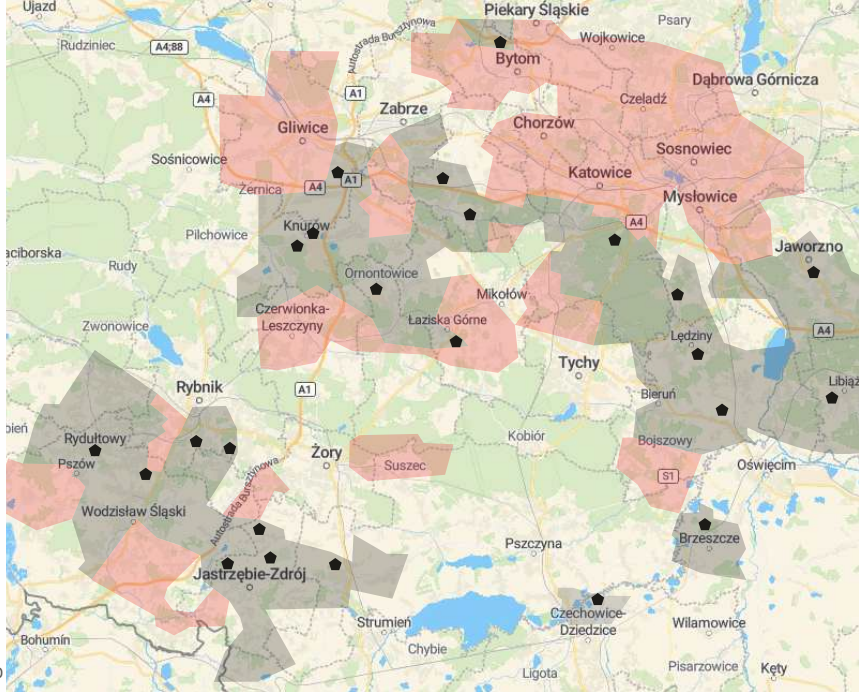
Photo: Paweł Brzezina, fotopolska.pl



Photo: Marek Locher, gorniczy.blogspot.com

Upper Silesian Mining Basin 2023

- former mining areas
- active mining areas
- ◆ mine in operation



Source: Own study based on the Strategy of the Development of the Silesian Voivodeship



**ŻĄDAMY ZAPRZESTANIA LIKWIDACJI
POLSKIEGO GÓRNICTWA**

We demand to stop liquidation of the Polish mining

EGD & NEB?

Are we actually able to fully implement them?

- Industrial heritage is still used for production
- Public resistance to deindustrialisation
- Lower public awareness and acceptance of the EGD targets

We are 1 generation behind the Western countries

But that is no an excuse

€**3,8** billion, i.e. **20%** of the **Just Transition Fund** will be allocated to Poland, €**2,2** billion for the Upper Silesian Coal Basin

NEB
sustainability
inclusion
aesthetics



Ignacy Historic Mine by night, photo: M. Koczy, Urząd Miasta Rybnika



Hoym mine, Est. 1792
216 Years in continuous operation

Ignacy Mine in the 1930s, photo: author unknown, Memorial Room of the Rydułtowy Mine

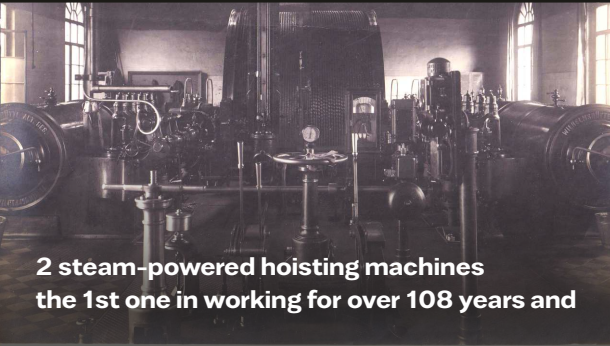
Ignacy Mine in the 1930s, photos: author unknown, Memorial Room of the Rydułtowy Mine



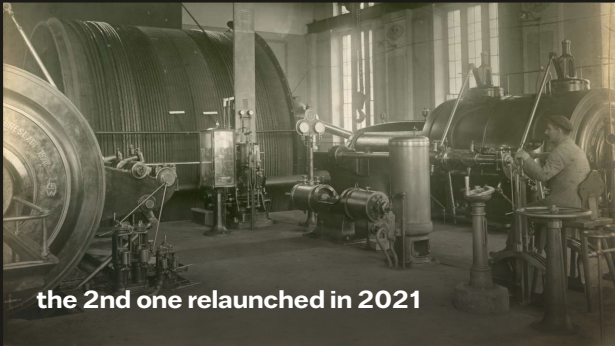
8 generations of Rybnik miners



A typical mine from the turn of the 19th and 20th centuries



**2 steam-powered hoisting machines
the 1st one in working for over 108 years and**



the 2nd one relaunched in 2021



Ignacy Mine in 2011, photo: Agata Mucha, Narodowy Instytut Dziedzictwa, nid.pl



Rybnik, Nowe Miasto neighbourhood, 2011, photo: M. Giba

TOURISM, RECREATION

OBSERVATION TOWER

(former chimney, later water tower), renovated and adapted for recreation in 2008

SOCIAL INCLUSION AND INTEGRATION

POWER PLANT BUILDING

(later a compressor station)

Renovated in 2018-2020

Multifunctional building for local residents

PARKING 2021

TOURISM, CULTURE, EDUCATION, BUSINESS

HOISTING MACHINE BUILDING

of the former Glowacki (formerly Oppurg) Shaft with a steam hoisting machine from 1900

Renovated in 2015

OUT OF ORDER

TOP SHAFT BUILDING

of the Glowacki (formerly Oppurg) Shaft renovated in 2010

TOURISM, CULTURE, EDUCATION, BUSINESS

TOP SHAFT BUILDING

of the Kosciuszko (formerly Grundmann) Shaft
Renovated building to be converted into a multi-functional site including exhibitional area in 2022

LEISURE, RECREATION, SOCIAL INTEGRATION

RECREATIONAL AREA

brownfield restored and converted into green public space in 2022



IGNACY Historic Mine

in Rybnik



TOURISM, CULTURE, EDUCATION, BUSINESS

HOISTING MACHINE BUILDING

of the former Kosciuszko (formerly Grundmann) Shaft with the steam-powered hoisting machine from 1920

Renovated and relaunched in 2021

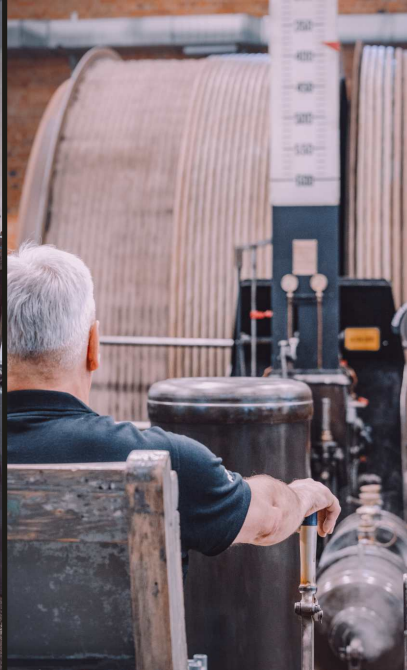
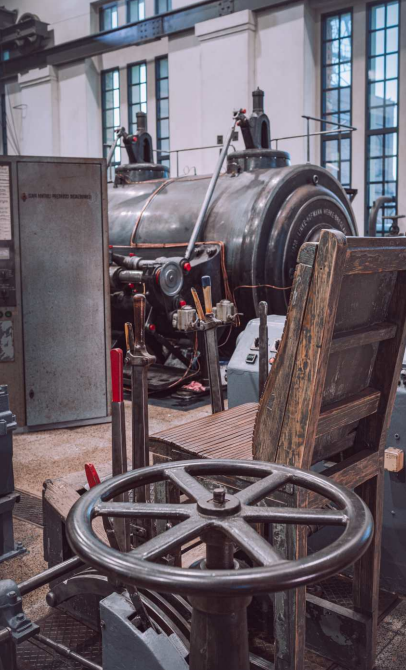


The Age of Steam exhibition, 2022, photos: M. Locher





Steam-powered hoisting machine of Kosciuszko Shaft, 2022, photo: M. Locher



Steam-powered hoisting machine of Kosciuszko Shaft, 2022, photo: M. Locher



Ignacy Historic Mine, 2022, photo: M. Locher



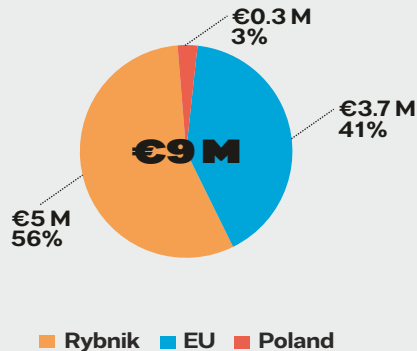
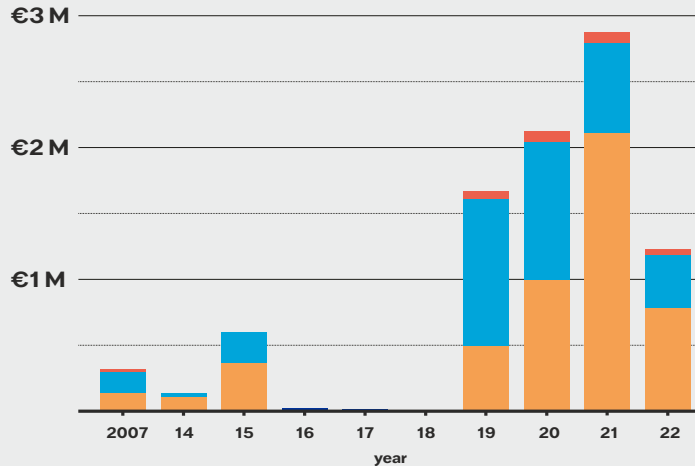
Ignacy Historic Mine, photos: K. Rzasa, M. Golosz



Ignacy Historic Mine, 2022, photo: M. Locher

Investment expenditures on the Ignacy Historic Mine in Rybnik

2007-2022, euro



NEB: SUSTAINABILITY

ADAPTATION

- The project does not involve new land for development, but uses existing land and modernises buildings
- The project preserves and regenerates public green spaces as community spaces
- The project avoids urban sprawl and revitalises existing land and buildings
- The project protects the environment by changing its original purpose
- The project aims to create urban ecological corridors that are consistent with new approaches to transport infrastructure and changing mobility patterns

CIRCULAR ECONOMY

- The project focuses on renewable energy and waste treatment
- The project uses natural resources to improve environmental performance
- The project uses innovative materials and solutions
- The project uses materials inspired by nature
- The project promotes economic activity that respects natural resources
- The project assumes that social and economic infrastructure is embedded in and integrated with the natural environment

REGENERATION

- The project project uses recycling
- The project promotes biological regeneration
- The project aims to improve air, water and soil quality
- The project aims at restoring and expanding the natural landscape
- The project emits less or absorbs more carbon dioxide.
- The project promotes the improvement of general living conditions through the reuse of materials and recycling of wastes
- The project aims to restore experiences of the nature
- The project promotes healthy lifestyles and active recreation
- The project changes social behaviour or increases social environmental awareness
- The project promotes social, local and circular economy models

NEB: ASTHETICS

ANIMATION

The project reactivates the cultural, social and natural values of a place by providing a positive aesthetic and/or emotional experience for individuals

The project improves the quality of life of residents and develops in them a sensitivity to the place and its heritage or a sense of local pride with respect for diversity

The project avoids urban sprawl and revitalises existing land and buildings

The project enters into a dialogue with the cultural, social and natural features of the surrounding area

The project aims to increase residents' awareness of their cultural, social and natural environment

The project treats heritage as a common good

The project aims not only at functionality, but also at visual comfort and user experience

HARMONIZATION

The project strengthens the bonds among people and places

The project creates or strengthens a sense of belonging and shared concerns by building strong bonds and shared experiences

The project promotes affection, understanding and concern for people and places

The project encourages different users to share their positive experiences

The project design relates to the environment and reflects the sensitivity of the local community

Project is non-invasive, protects the beauty of the place, integrates with the landscape and adapts to local history and current socio-cultural conditions

ACTIVATION

The project allows for the co-creation and discovery of places and lifestyles, that local communities identify with

The project offers cultural events to promote social interaction

The project includes reflections on the future and takes into account the needs of the next generations

The project creates the conditions for the free expression of creativity and enables its users to question and redefine their lifestyle

The project creates new habits and patterns of shared care

NEB: INCLUSION

OPENNESS

The project involves combatting spatial segregation and isolation

The project is easily and equally accessible to all members of the community

The project takes into account the needs of the marginalised community

The project enhances opportunities for cooperation and sharing of experiences between different social groups

The project provides accessible and affordable services to the local community

The project provides equal resources and opportunities

Project removes barriers in public spaces for vulnerable groups, people with disabilities and the ageing population

INTEGRATION

The project emphasises the importance of place and community by creating a sense of belonging and inclusion, strengthening local identity and promoting intergenerational exchanges

The project supports relationships among community members and brings them into harmony

The project connects people through physical infrastructure and digital tools

TRANSFORMATION

The project provides social justice and aims at social stability

The project project inspires new forms of social coexistence

The project aims to overcome outdated social models

NEB & industrial heritage

A great tool to preserve the industrial heritage, show its beauty and make people understand it

A challenging tool for the adaptive reuse of industrial heritage in terms of investment costs and preservation of authenticity



Ignacy Historic Mine, 2022, photo: M. Koczy, Urząd Miasta Rybnika, rybnik.eu



Thank you!
¡Muchas gracias!
Eskerrik Asko!

Marek Gołosz [en. Gowosh]

Director of the Ignacy Historic Mine,
Rybnik, Upper Silesia, Poland

dyrektor@kopalniaignacy.pl

+48 501 980 795



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