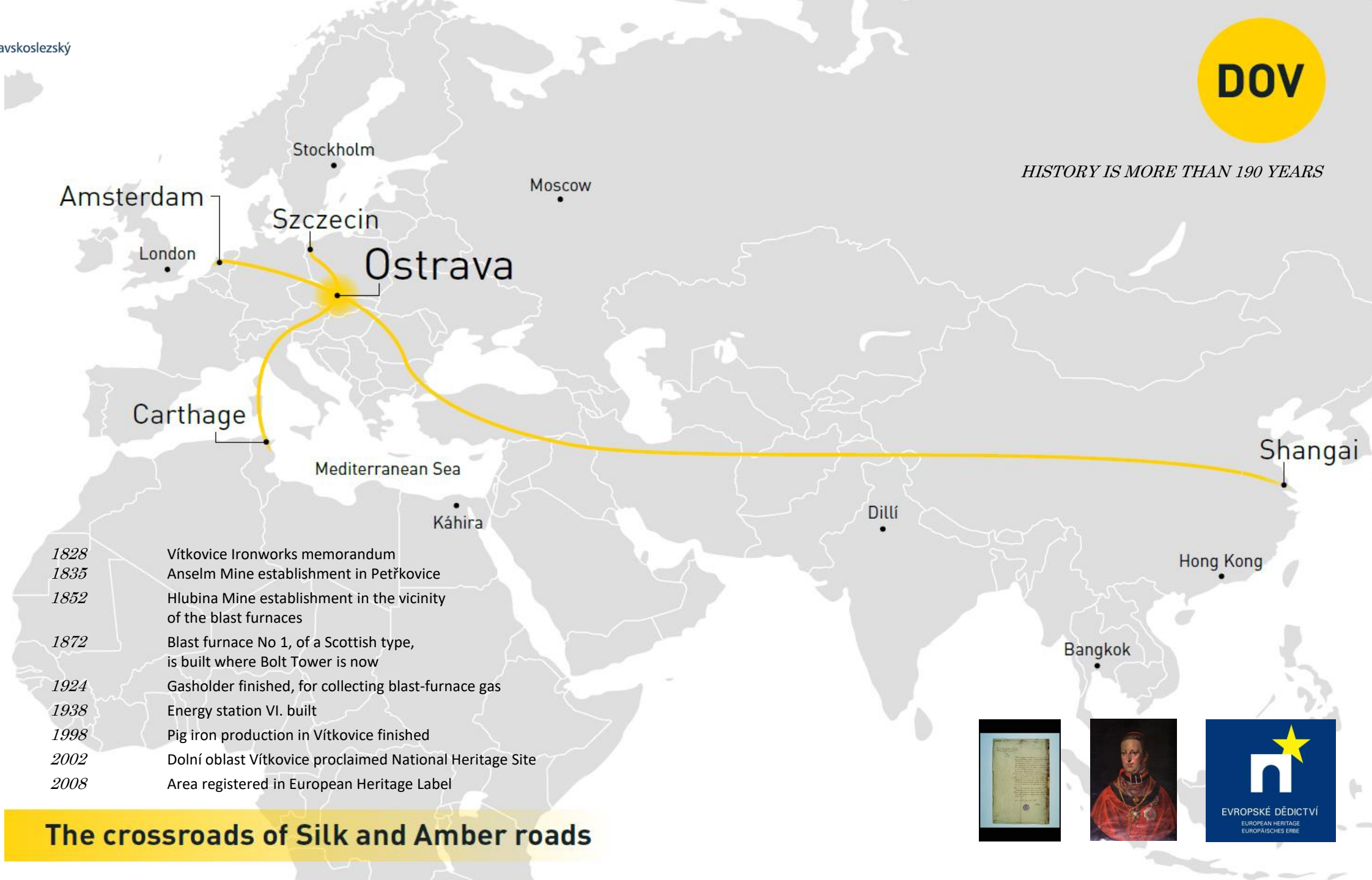


HISTORY IS MORE THAN 190 YEARS



- 1828 Vítkovice Ironworks memorandum
- 1835 Anselm Mine establishment in Petřkovice
- 1852 Hlubina Mine establishment in the vicinity of the blast furnaces
- 1872 Blast furnace No 1, of a Scottish type, is built where Bolt Tower is now
- 1924 Gasholder finished, for collecting blast-furnace gas
- 1938 Energy station VI. built
- 1998 Pig iron production in Vítkovice finished
- 2002 Dolní oblast Vítkovice proclaimed National Heritage Site
- 2008 Area registered in European Heritage Label

The crossroads of Silk and Amber roads





CONSERVATION vs. REDEVELOPMENT vs. REVITALIZATION

Approach 1 Last Day Museum = uneconomic and unsustainable concept in such a large area

Approach 2 Demolition – gaining of lucrative land near by city center /+ income for iron scrap/ = the immediate profit without a longer-lasting effect was very complicated due to heritage protection

Approach 3 Removing of non-original parts/objects and reactivation of historically significant objects = new feature for heritage preservation objects on the basis of an agreement/memorandum with National Heritage Institute

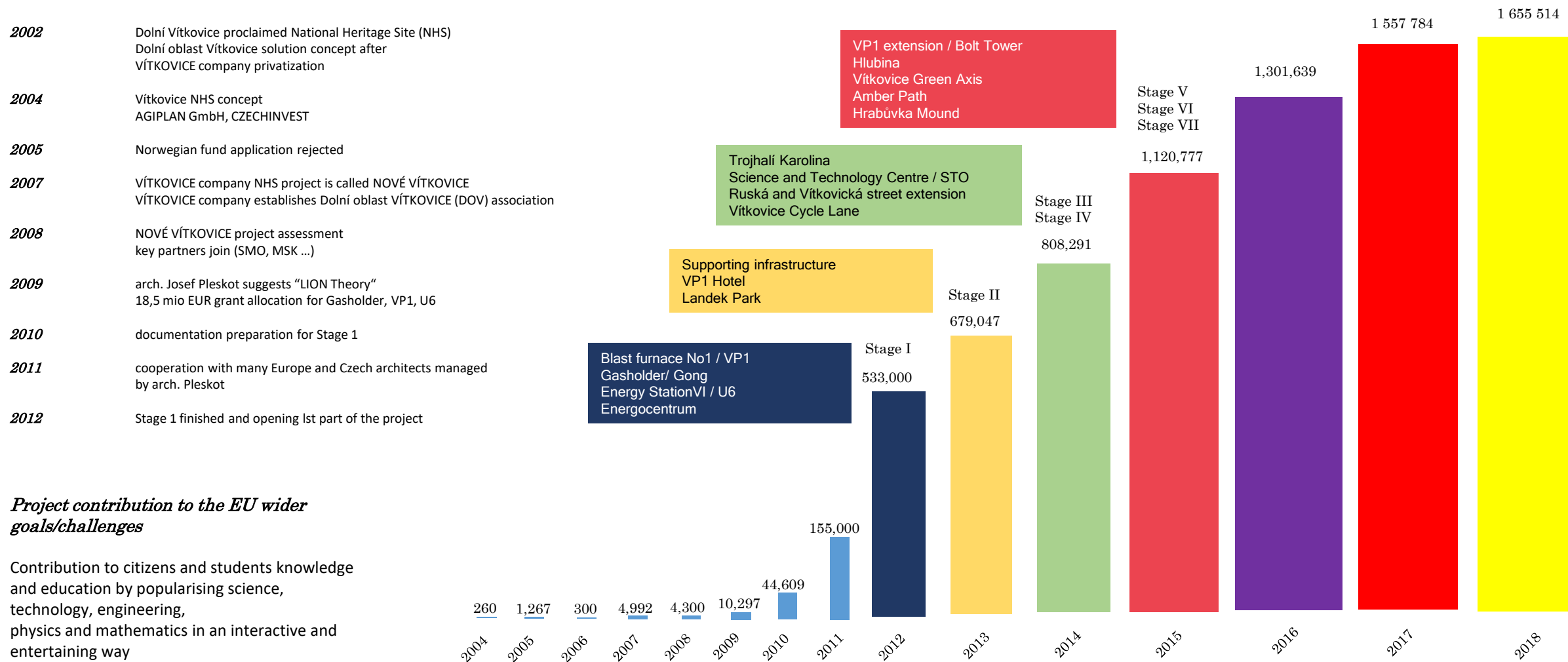


EDU CATION

STAGES

Value of the project:
92 mio EUR – total
48 mio EUR – EU contribution

European Union
European Structural
and Investment Funds



DOV LIVES

The centre has also become a platform that connects leading energy companies, universities and other institutions by creating synergies between public, professional and academic sector. This way further impulses for development of the town and the region are being created through place-based synergies.

European Union
European Structural
and Investment Funds



biggest artist's names that were here BJORK, ROBERT PLAN, IMAGINE DRAGONS, FAT BOY SLIM, JAMIROQUAI, PHARELL WILLIAMS, MIDNIGHT OIL, NORAH JONES / this year RAG'N'BONE MAN, FLORENCE AND THE MACHINE, THE CURE

DOV LIVES

Nowadays the entire complex represents not only a unique historical demonstration of the preserved original technological „coal-coke-iron” process but also a place where people can spend their free time and learn about various phenomena occurring in the world of nature or industry. In that sense the centre contributes to increase of the local residents’ quality of life through the availability of active leisure (e.g. educational films or science theatre).

European Union
European Structural
and Investment Funds



DOV LIVES

The project provides strong educational dimension as majority of the hundreds of thousands of visitors are school groups, therefore pupils and students get involved in educational programmes that schools use as a part of their curriculums. This way the centre creates the conditions for attracting talented students to science, research and engineering branches.

European Union

European Structural
and Investment Funds



DOV LIVES

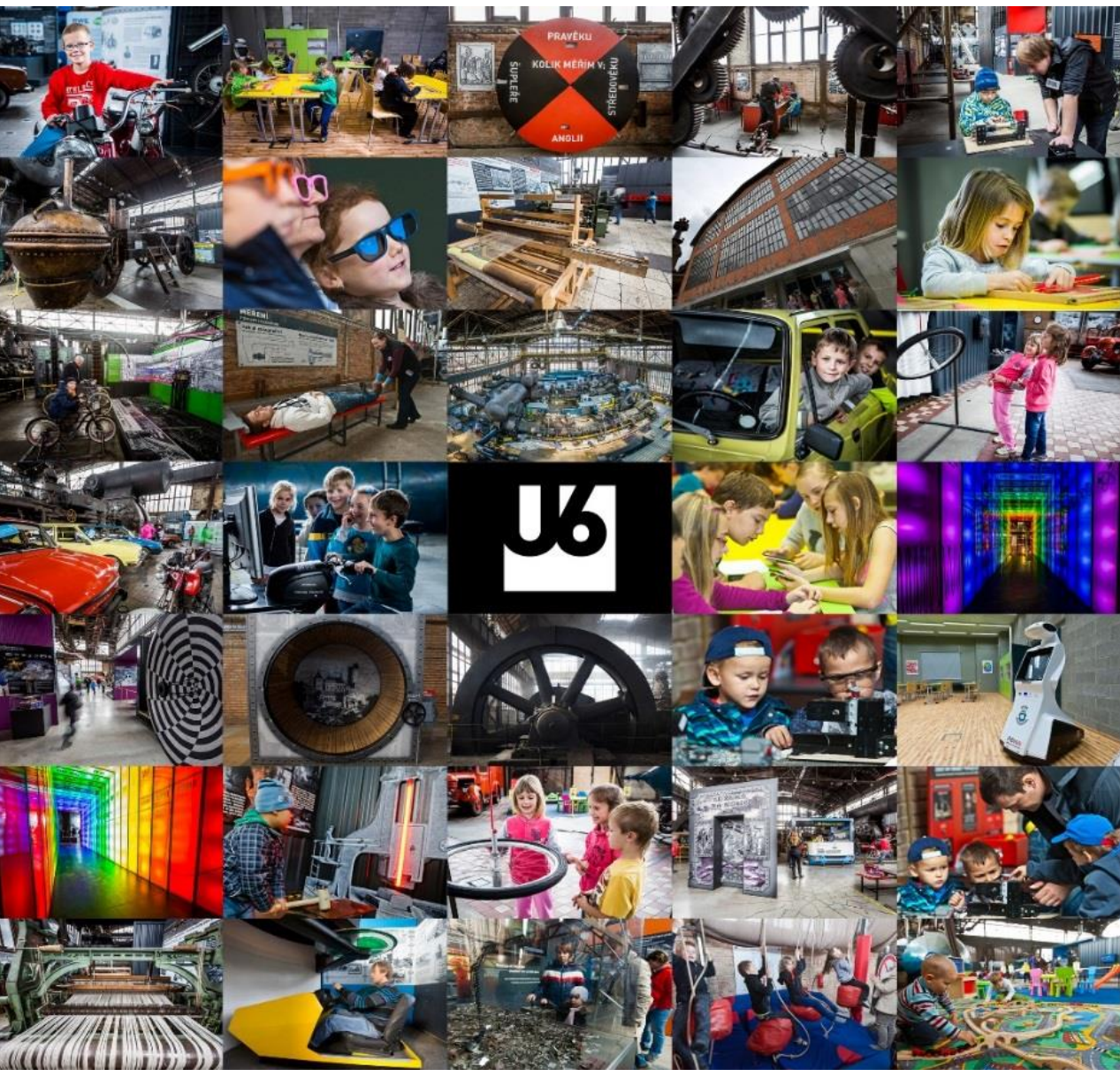
Impact and longterm results/the change and synergies the project brought Science and Technology Centre at Dolni Vitkovice Area has become an essential stage of reviving not only in their local scale but also the whole Moravian-Silesian Region in the sphere of education and leisure activities.

European Union

European Structural
and Investment Funds



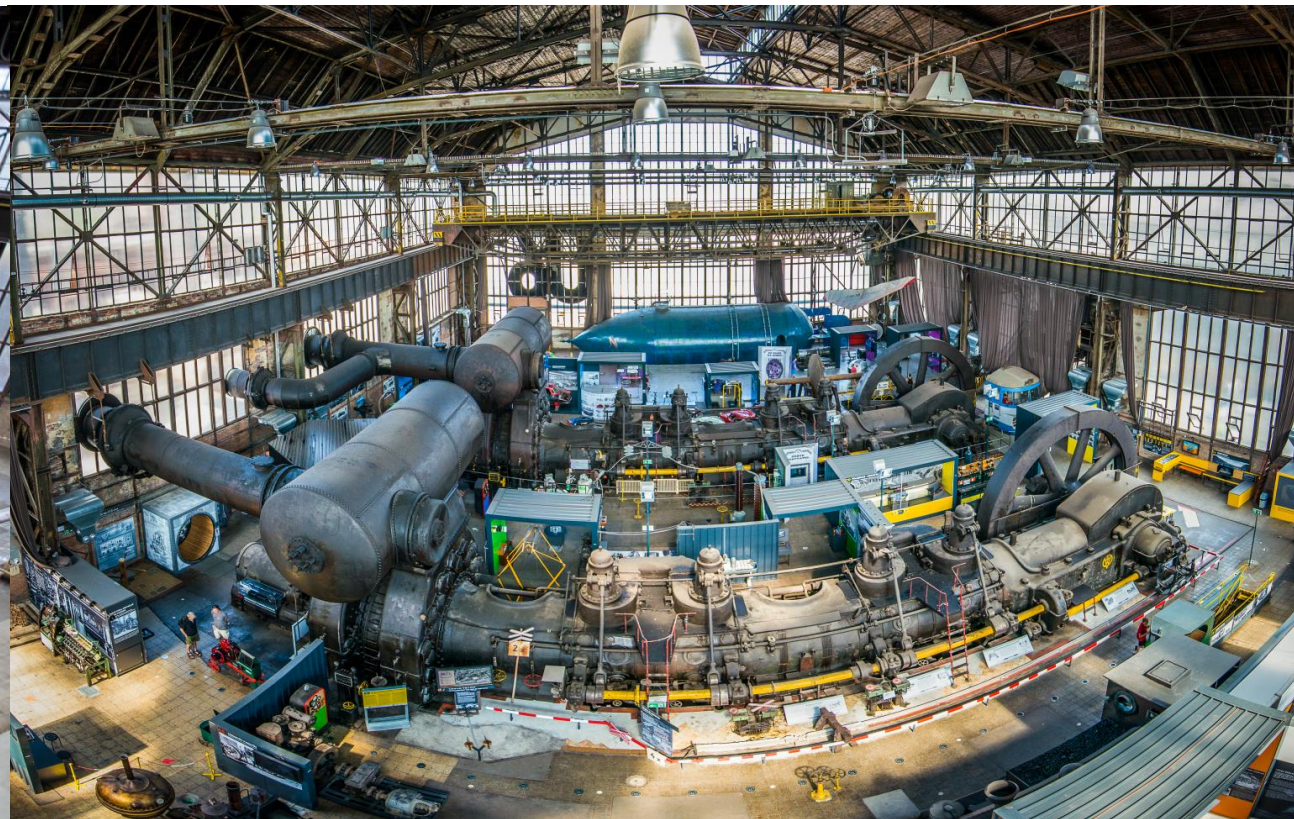
Aim of the project and its direct results: The aim of this project is to create a unique place in the Czech Republic that popularises science and technology and links the mining and metallurgical industry history of the area with the modern future of science and research. The centre is part of the European Network of Science Learning Centres (ECSITE) and ***belongs to the best examples in Europe***. It is part of a larger local effort which included award-winning renovation of key parts of the industrial heritage and their conversion into cultural and business venues.



Moreover, a brand new building was constructed with the area of ***17 000 square meters*** with permanent and temporary expositions revealing the secrets of modern technologies. Going far beyond the formal curriculum, the Science and Technology Centre uses interactive and entertaining approaches to engage students in STEM subjects (science, technology, engineering and mathematics). Besides students, it aims at popularizing science among the general public. Visitors can discover the way a city or a human body works, fly to the space and learn about stars, understand how nature is created and much more.



Opening and new use of NHS Vitkovice CZ.1.06 / 5.1.00 / 01.05498
Integrated Operational Program (IOP)
486,4 mil. Kč / 18,7 mio EUR





Opening and new use of NHS Vitkovice CZ.1.06/5.1.00/01.05498
Integrated Operational Program (IOP)
486,4 mil. Kč / 18,7 mio EUR

Construction of a modern energy center for the NHS with the use of non-traditional sources of energy
3.1 EED03/391 Operational Program Enterprise and Innovation 2007 - 2013 (OPEI)
17,9 mil. Kč / 0,7 mio EUR

DOV

dolnivitkovice.cz

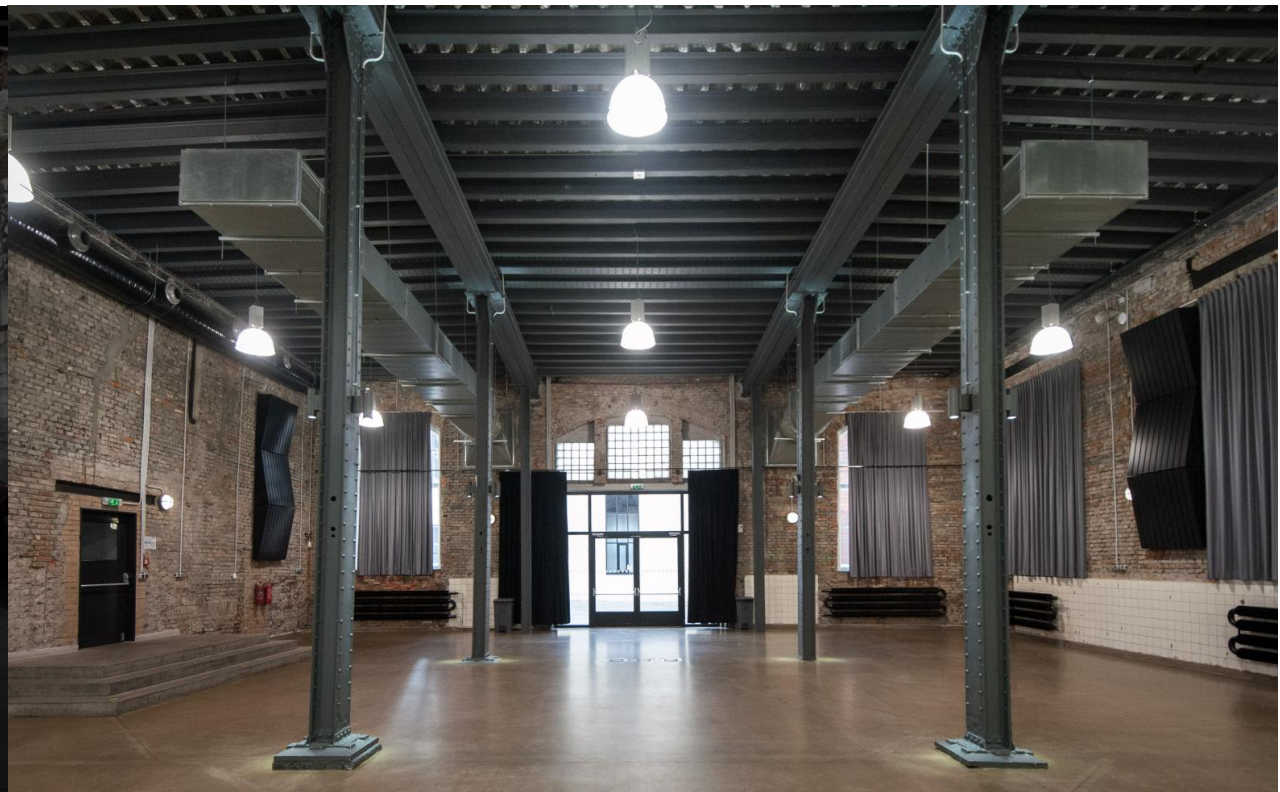
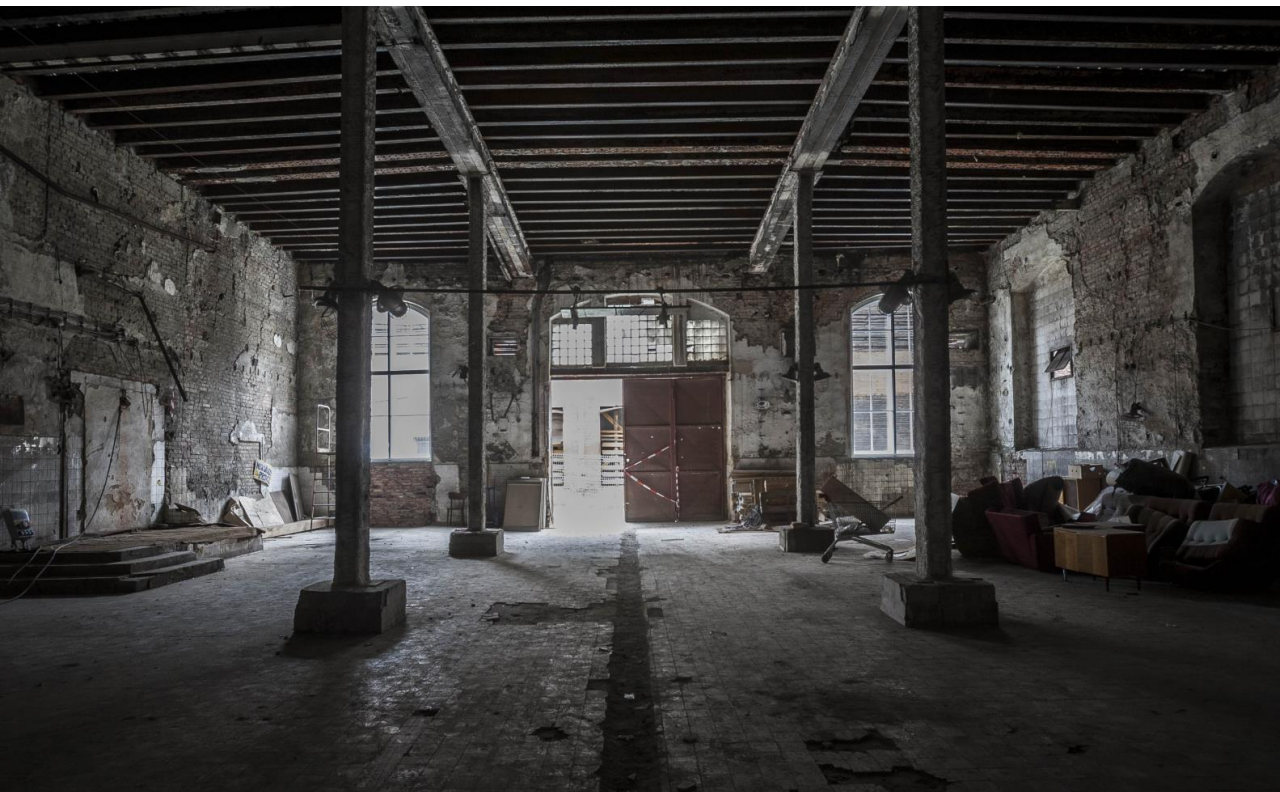


Opening and new use of NHS Vitkovice CZ.1.06/5.1.00/01.05498
Integrated Operational Program (IOP)
486,4 mil. Kč / 18,7 mio EUR

Blast furnace No. 1 – Superstructure CZ.1.10/2.2.00/20.01526
Regional Operational Program Moravia Silesia (ROP MSK)
39,8 mil. Kč / 1,53 mio EUR



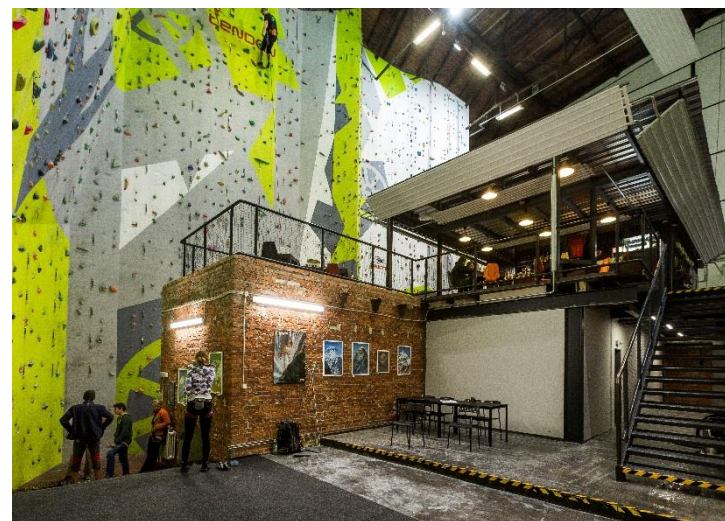


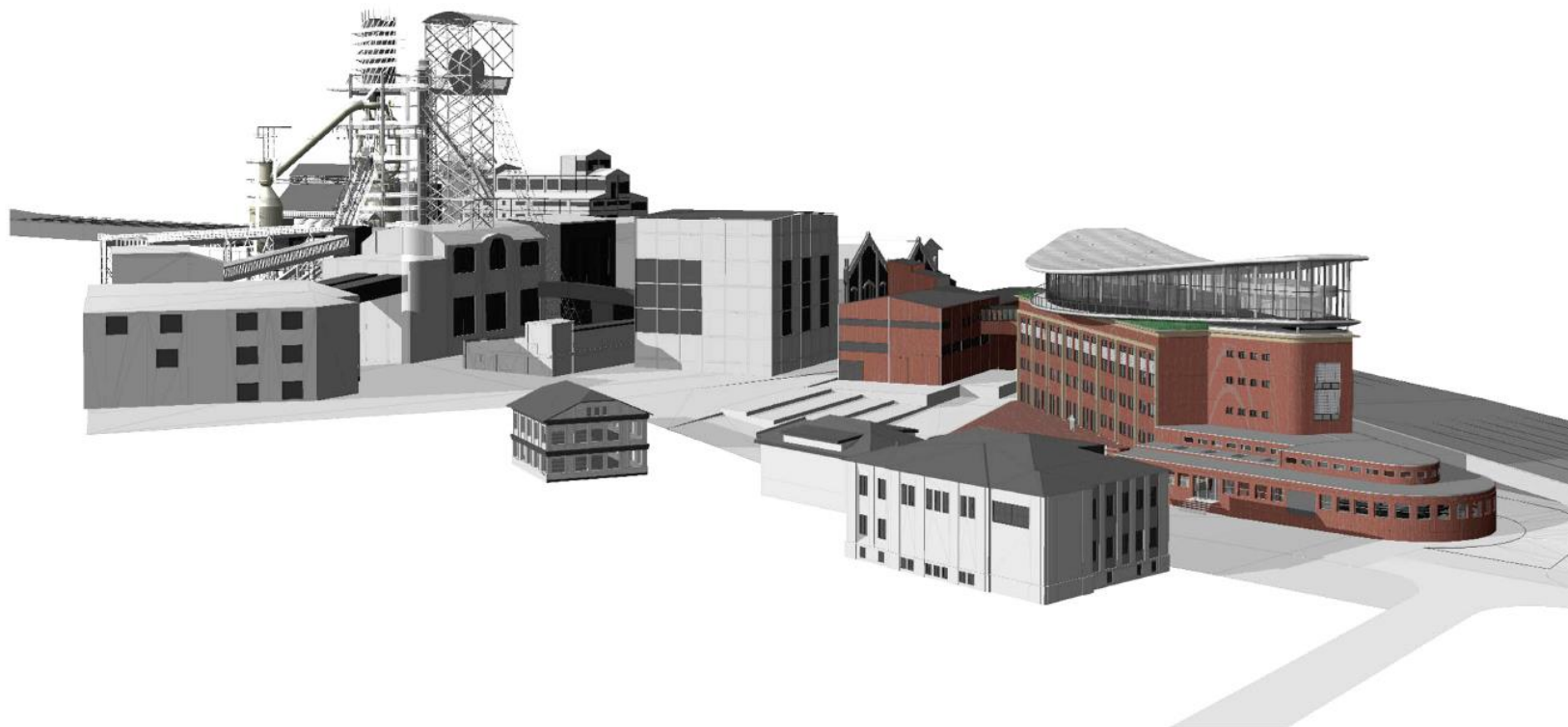




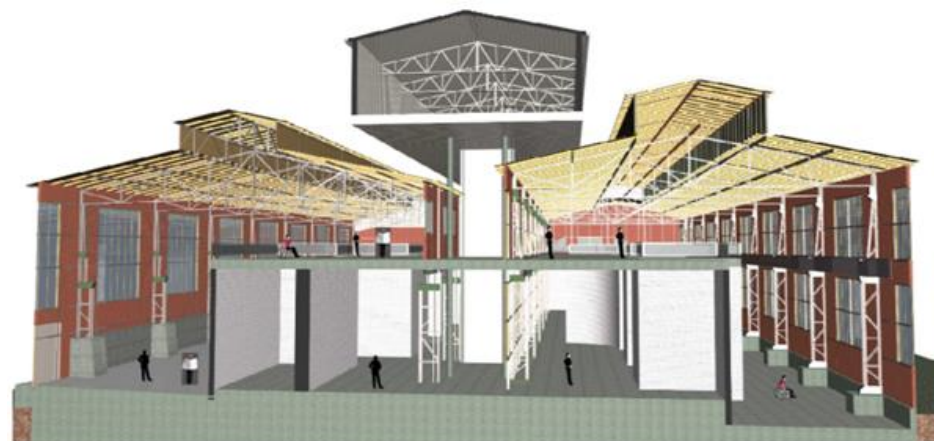








NOVÉ KOUPELNY - KOFOLA / STUDIE / AP ATELIER



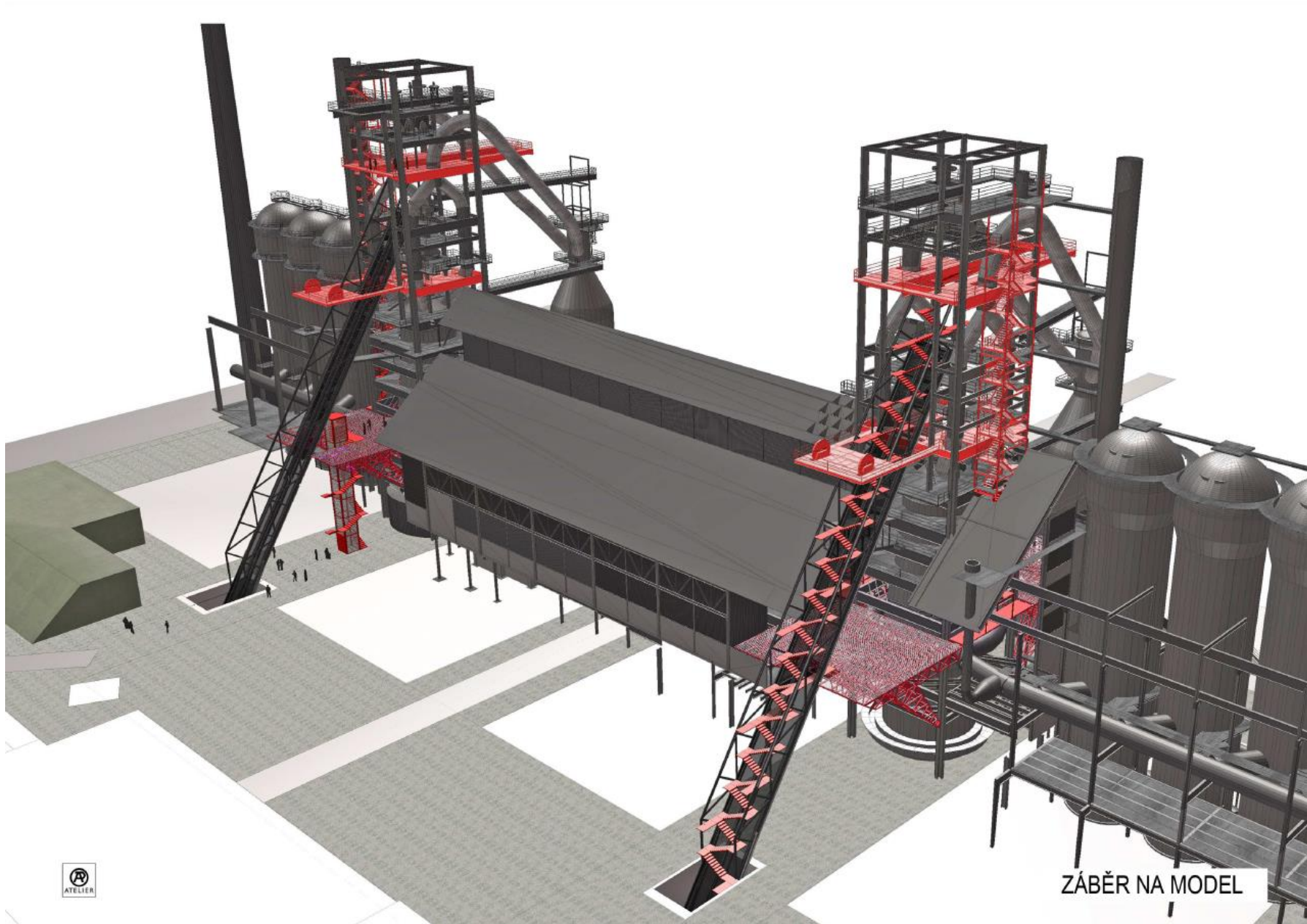
leemon

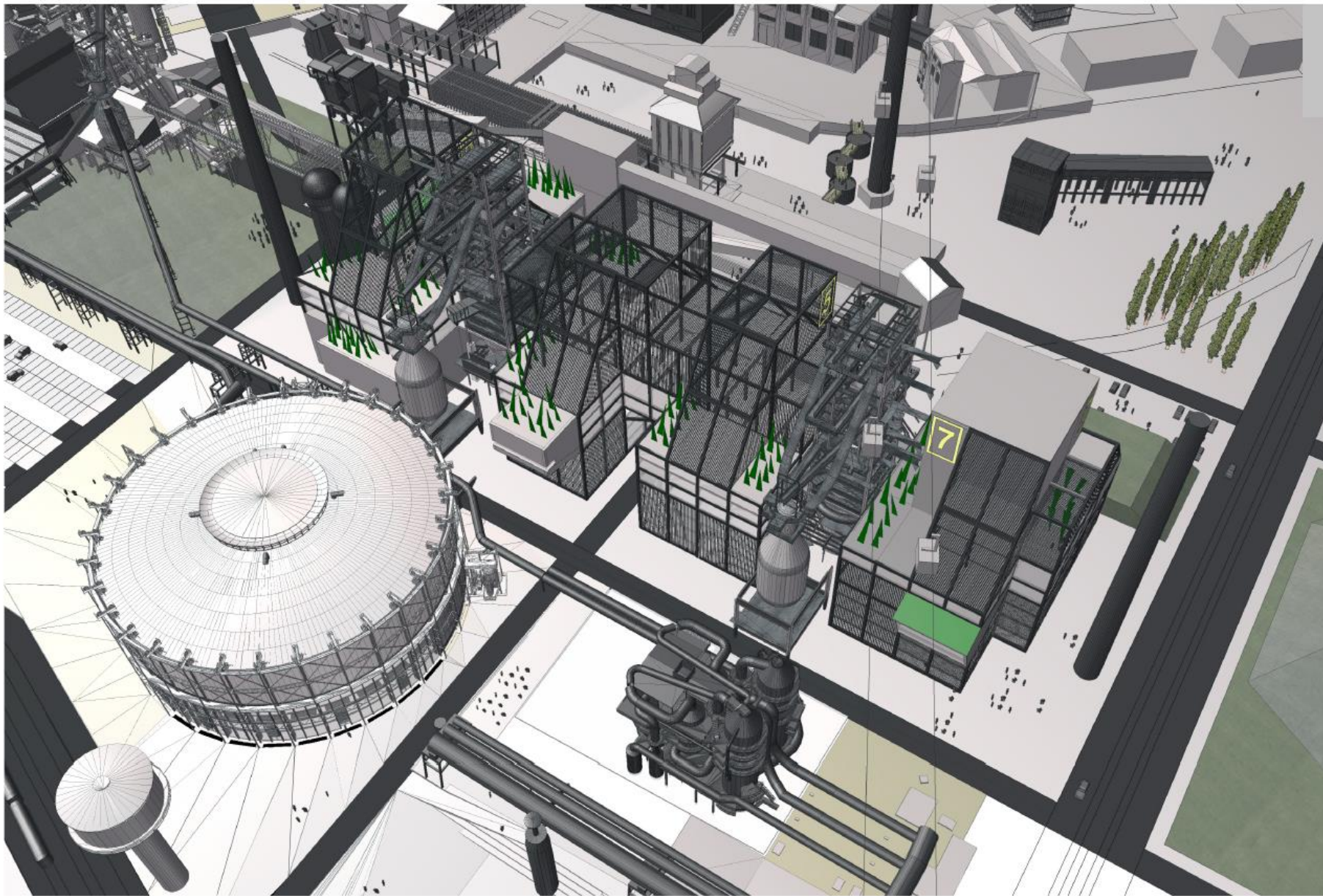


DOLNÍ OBLAST VÍTKOVICE / VÝDUŠNÁ JÁMA / LEEMON
ARCHITEKTONICKÁ STUDIE / KAMIL MRVA ARCHITECTS / 2016

film makers / creative studio/old mining technolgy infrastructure







Target:

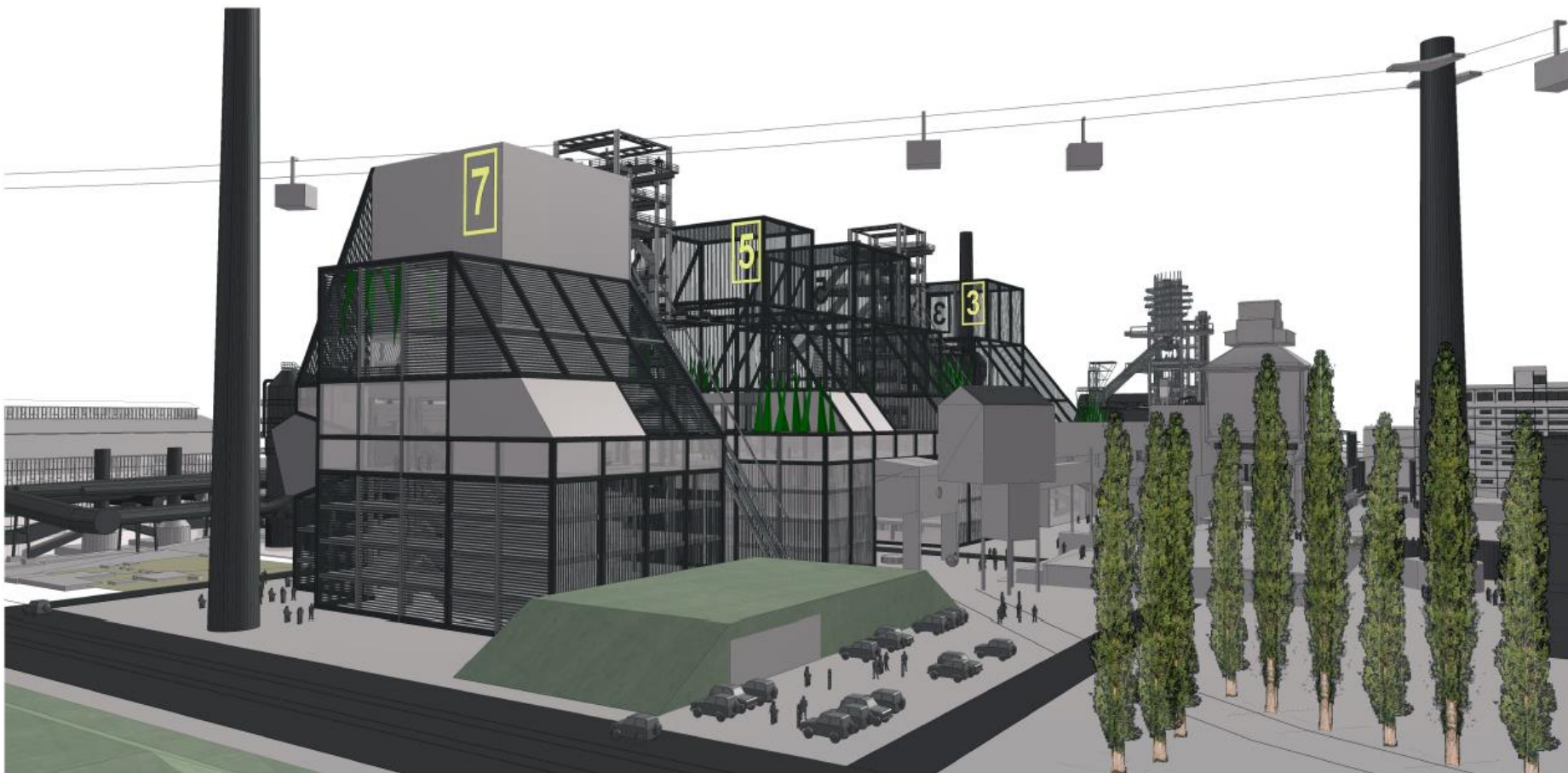
take advantage of the infrastructure of the national cultural monument in the Lower Vítkovice area in Ostrava for the realization of a unique exhibition space and the opening of collections of national and international museums and to make a significant contribution to the region's transformation.

MUSEUM+

ZÁBĚRY NA MODEL URBANISTICKÉ STRUKTURY

Justification:

A key opportunity for region restructuring is innovation through culture and new forms of education (cognition). This strategy has been applied in a number of places in Europe and the world - the transformation of the former electric station into the state-of-the-art modern art gallery TATE MODERN and the change of the entire London neighborhood to a place where people want to move or a much more famous example of building a branch Guggenheim Museum in BILBAO, Basque, which gave rise to the so-called Bilbao effect that is being used to describe the strategy of changing the context of the place and to start its new development.



MUSEUM+

ZÁBĚRY NA MODEL URBANISTICKÉ STRUKTURY

SELECTED AWARDS



European Union
European Structural
and Investment Funds



EUROPEAN HERITAGE LABEL 2008

**EXPO MUNICH 2013 / Multifunctional Auditorium
Gong among TOP 10 buildings in the world**

**DŮM DVACETILETÍ in Ostrava 2014 / Multifunctional
Auditorium Gong**

**EUROPEAN UNINO PRIZE FOR CULTURAL
HERITAGE / EUROPA NOSTRA AWARDS 2014**

**EUROPEAN DESIGN AWARDS 2014 Multifunctional
Auditorium Gong / 3rd place**

**THE MOST FAVOURITE CULTURAL PROJECT OF
2014 in CR**

**BUILDING OF THE YEAR 2013 – Multifunctional
Auditorium Gong**

**BUILDING OF THE YEAR 2014 – Science and
Technology Centre**

BUILDING OF THE YEAR 2015 – Hlubina, Bolt Tower

EDEN 2011

Dolní oblast Vítkovice

BUILDING OF MORAVIAN-SILESIA REGION 2012

Multifunctional Auditorium GONG - GRAND PRIX AWARD

BUILDING OF MORAVIAN-SILESIA REGION 2012

Multifunctional Auditorium GONG - Main prize for construction in the category of Community Facilities Buildings

BEST OF REALTY 2013

GONG - gasholder reconversion in NHS - special jury prize

CZECH TOURISM - THE MOST VISITED TOURISM YEAR GOALS

Dolní oblast Vítkovice - 4th place

COMMEMORATIVE LIST ČESKÝ PERMON 2014

Preservation of technical sights of Dolní oblast Vítkovice

Tour region film 2014

1st place in the Spot category - author: Boris Renner

Building of Moravian-Silesian Region 2014

Certificate of merit for construction in the category of Community Facilities Buildings- new buildings Science and Technology Centre

Educational institutions and research organizations

Long-term MSR development contribution - Sdružení pro rozvoj MSK and Krajská hospodářská komora MSK

Ostravský dům roku 2014

Science and Technology Centre

Czech event awards 2015

Discovery of the year - Science and Technology Centre

Ostravský dům roku 2015

Heligonka

Ostravský dům roku 2015 - certificate of merit

Blast furnace No1 - Extension

Building of Moravian-Silesian Region 2015

Blast furnace No1 - Extension (Bolt Tower) - main prize

Blast furnace No1 - Extension (Bolt Tower) - grand prix

Green Roof 2016 - 1st place

Category Public Green Roof

STC Ostrava Dolní oblast Vítkovice roof garden - part of Nature exposition

DOV – NEW VISION !!!

PRESERVE
EDUCATIONAL,
RESEARCH AND
CULTURAL
PRIORITIES