

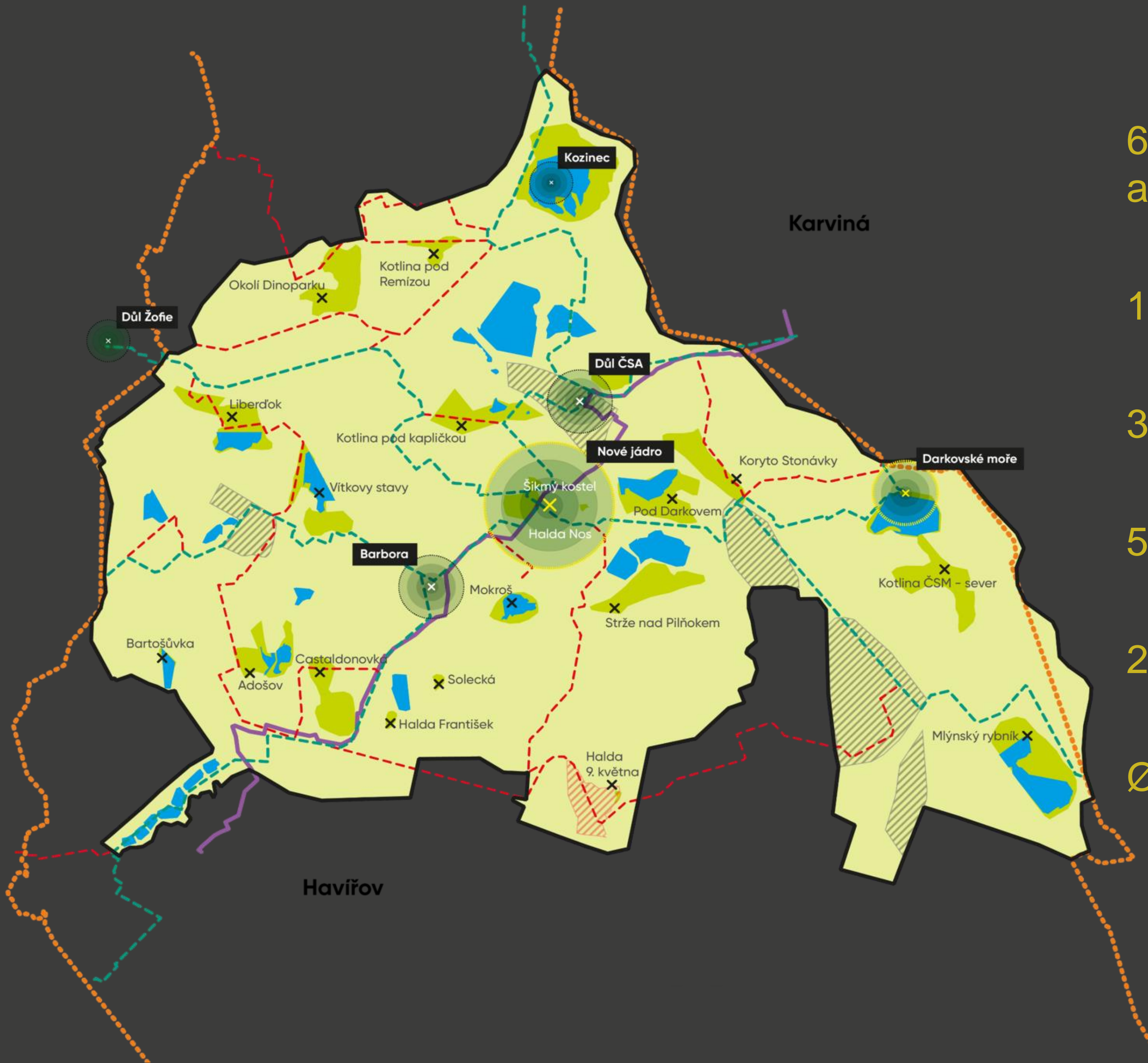
PRO



A unique programme transforming the area between Karviná, Havířov and Orlová
the post-mining landscape.



Orlová



Karviná

Havířov

62 km² between Orlová, Karviná and Havířov

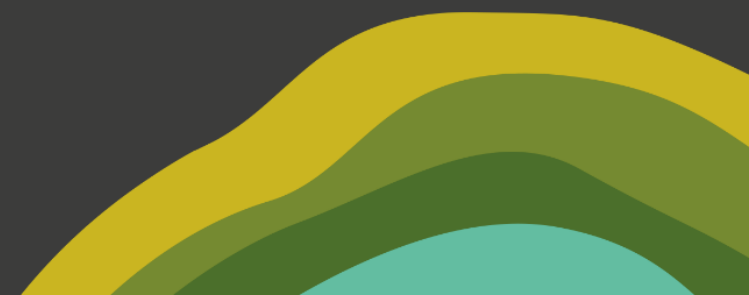
157 000 inhabitants

350 ha of mining areas

500+ million tonnes of coal mined

240 years of mining history

Ø mining depth 930 m



COOPERATION

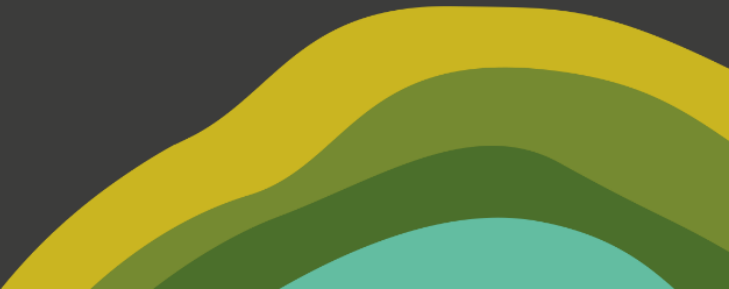


Memorandum of Cooperation in the Implementation of the Objectives of the Concept

42 signatories

Basic cooperation in the territory

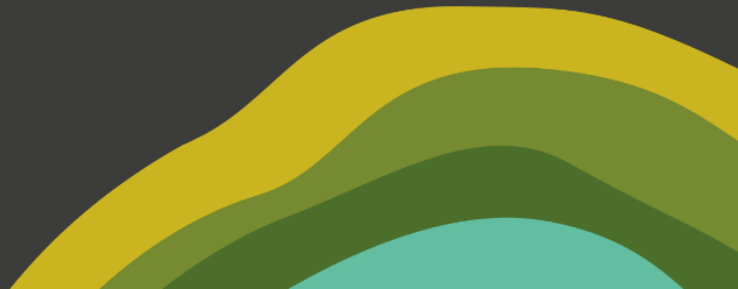
Creation of thematic working groups - energy, waste...



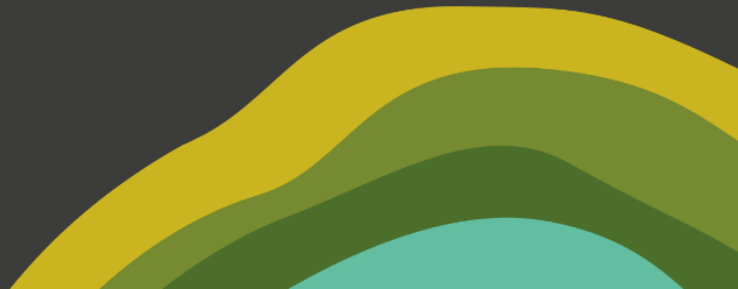
LANDSCAPE



LANDSCAPE



LANDSCAPE



MINING SITES



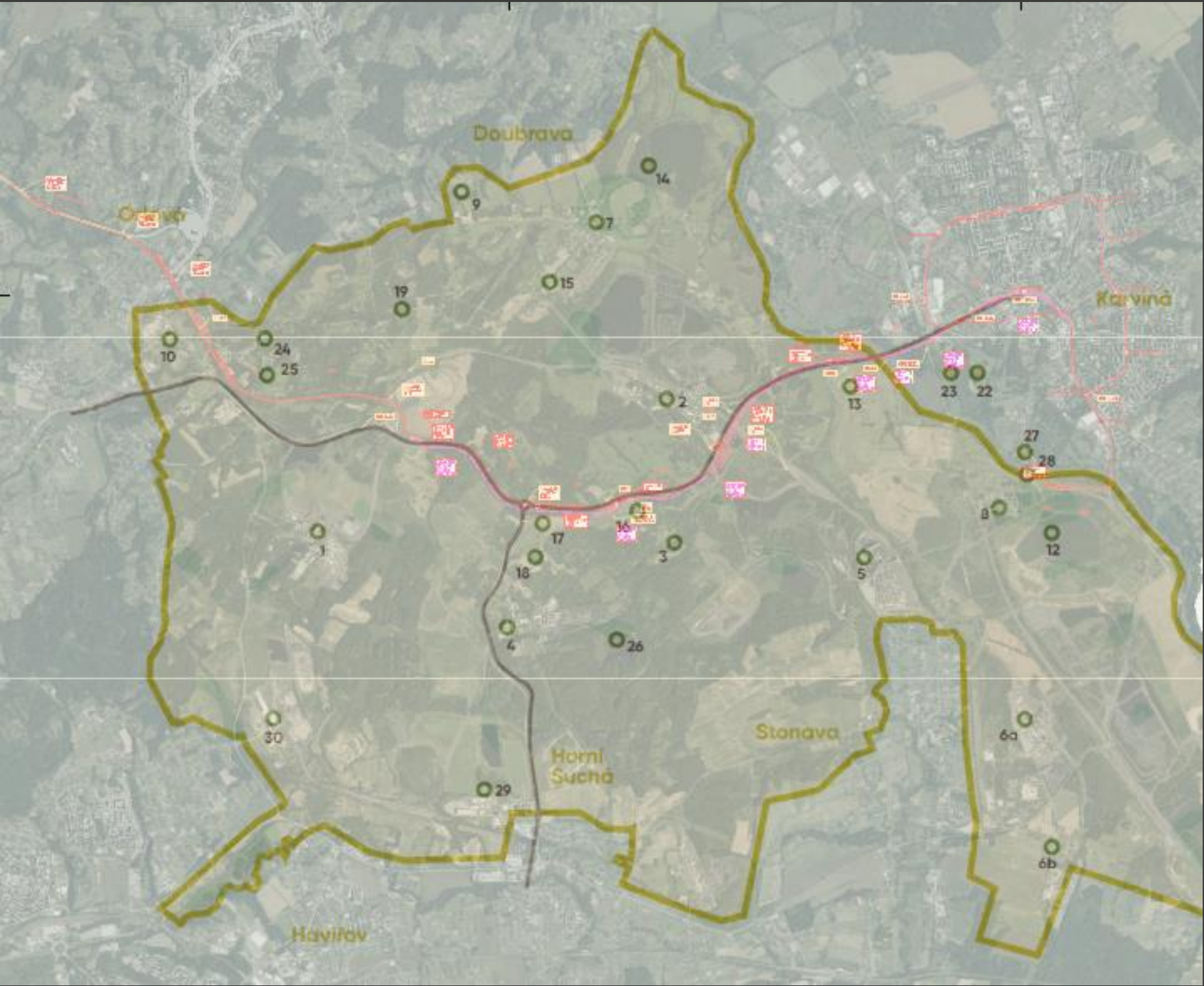
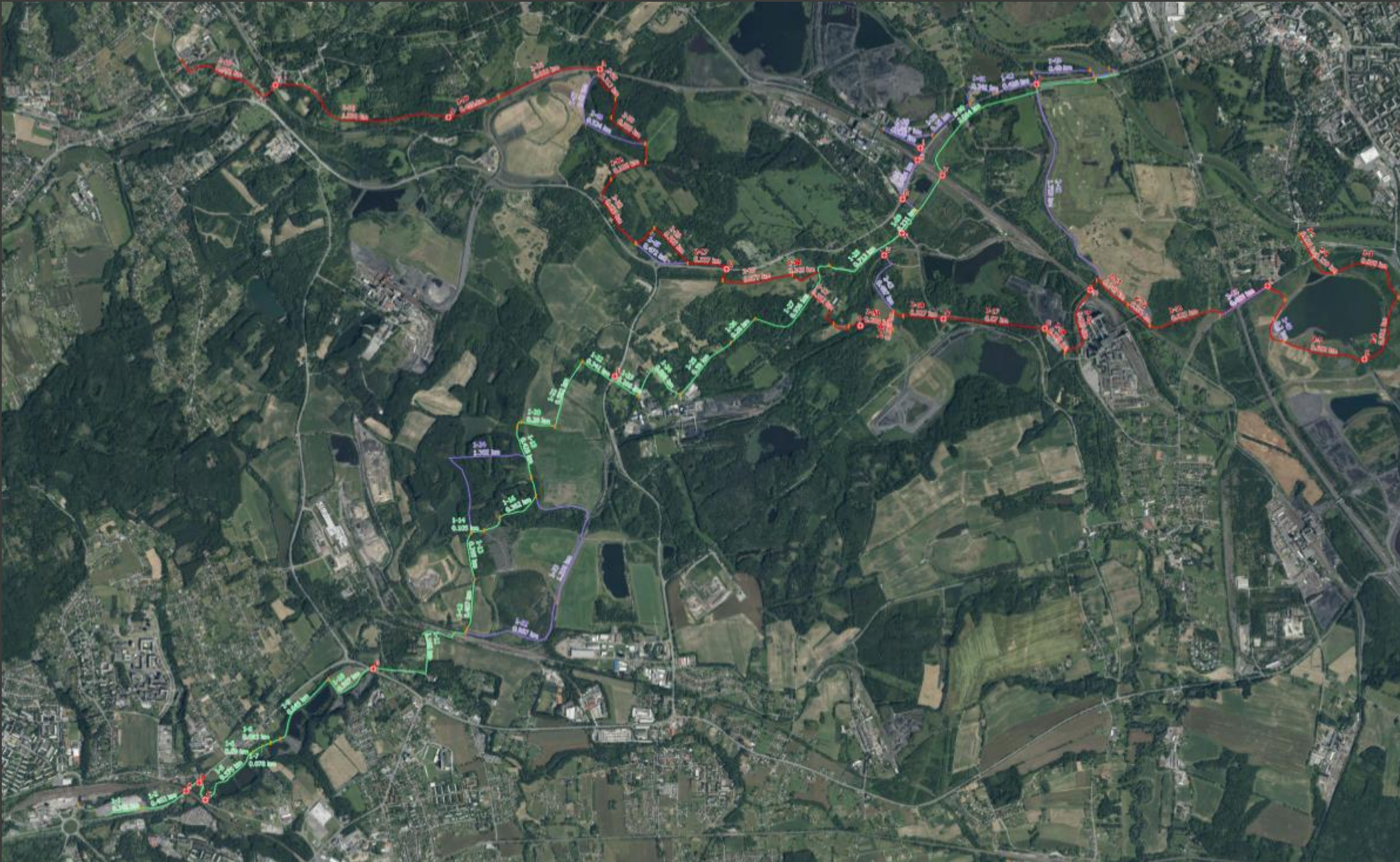
MINING SITES



POHO2030 – INTERCONNECTION AND ACCESSIBILITY

Bike paths – Karviná, Havířov, Orlová, Poland

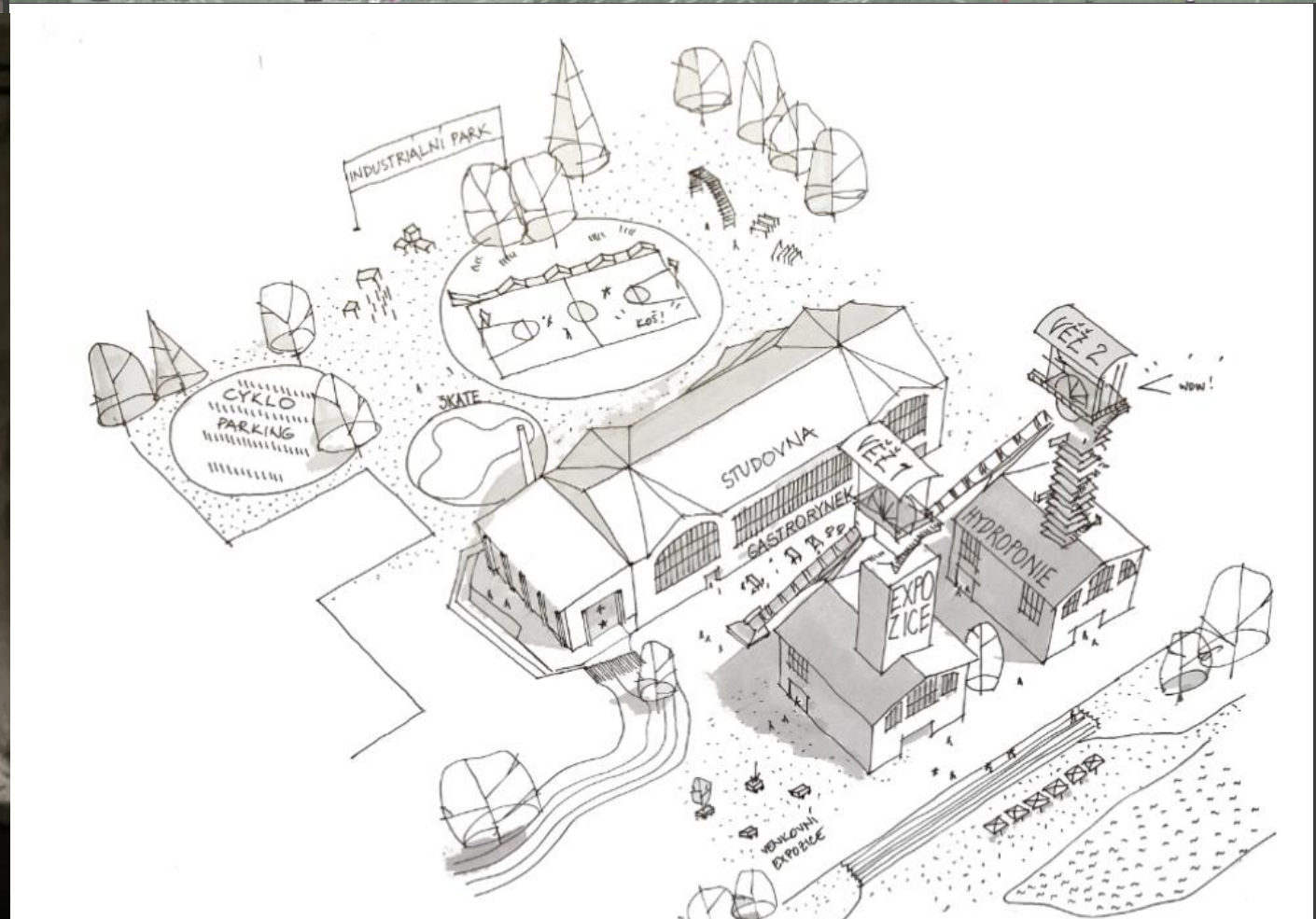
Tram line – Karviná – Ostrava (30 minutes)



JUST TRANSITION FUND – GABRIELA 1854 - 2004



JUST TRANSITION FUND – GABRIELA 1854 - 2004



JUST TRANSITION FUND – GABRIELA 1854 - 2004



TRANSFORMATION OF MINING SITES + ENERGY

Lazy Mine + Veolia infrastructure

CSA Mine + CSA Heating Plant Veolia



Industriální park Jan Karel

Industrial Park Jan Karel

Industriální park je koncipován jako udržitelný a ohleduplný k životnímu prostředí.

The industrial Park is designed to be sustainable and environmentally conscious.



Oblasti rozvoje:

Modrozelená infrastruktura
Rozvoj podnikání
Udržitelný areál
Obnovitelné zdroje energie

Areas of development:

Blue-green infrastructure
Business development
Sustainable complex
Renewable energy

Plocha: 19 ha

Typ: rekultivovaná území

Hlavní využití: IT, energetika, výzkum a vývoj, zelené investice

Železnice: v území

Dálnice: D1 (12km)

Heliport

Area: 19 ha

Type: reclaimed areas

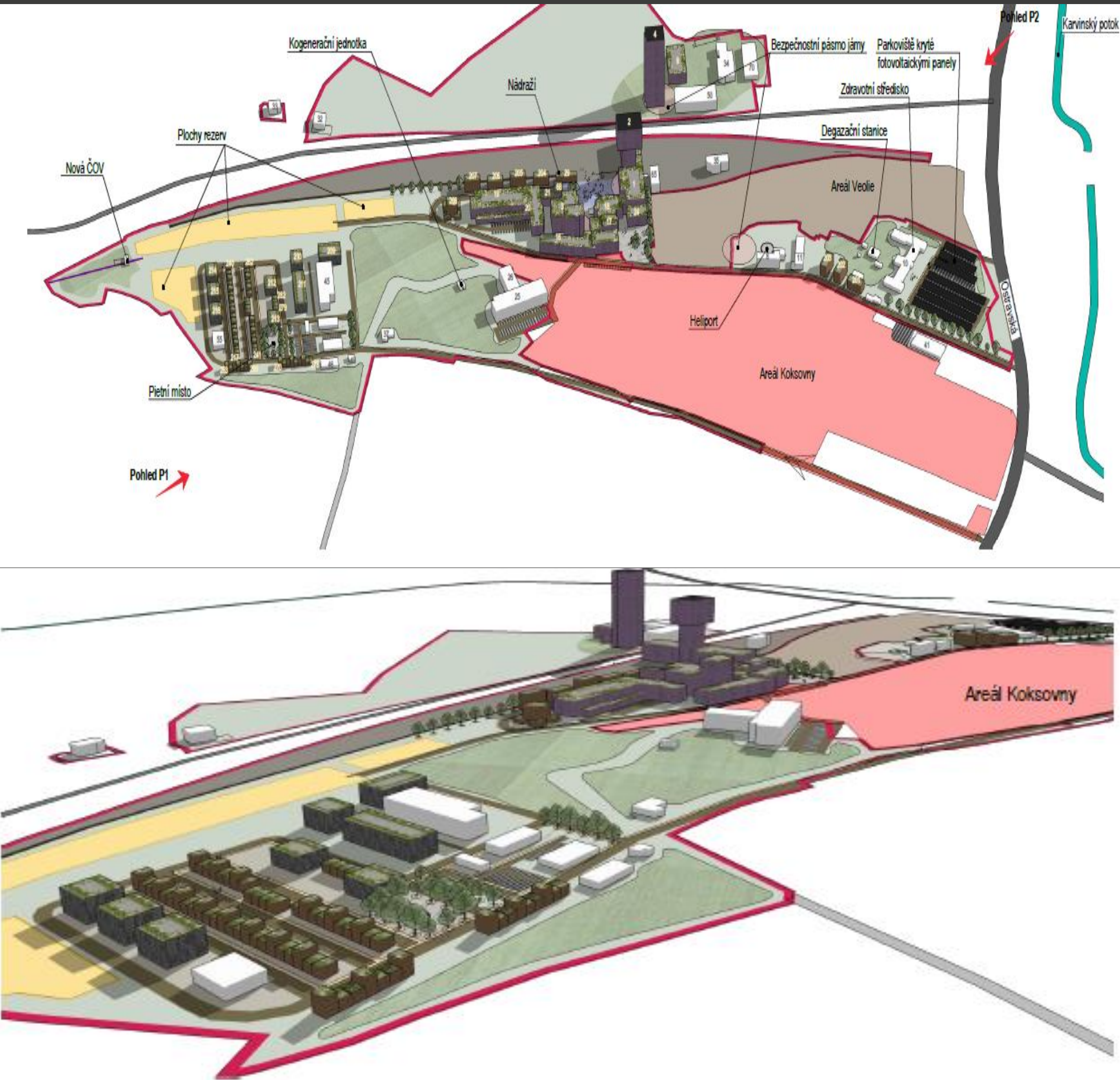
Main uses: IT, energy industry, research and development, green investment

Railways: in the area

Motorway: D1 (12km)

Heliport

CSA MINE + CSA HEATING PLANT VEOLIA



Cirkulární park Lazy Circular Park Lazy

Cirkulární park je koncipován jako udržitelný a ohleduplný k životnímu prostředí.

The Circular Park is designed to be sustainable and environmentally conscious.



Oblasti rozvoje:

Modrozelená infrastruktura
Rozvoj cirkulárních firem
Udržitelný areál
Obnovitelné zdroje energie

Areas of development:

Blue-green infrastructure
Development of circular companies
Sustainable complex
Renewable energy

Plocha: 63 ha

Typ: rekultivovaná území

Hlavní využití: cirkulární ekonomika, energetika, výzkum a vývoj, zelené investice

Železnice: v území

Dálnice: D1 (12 km)

Heliport

Area: 63 ha

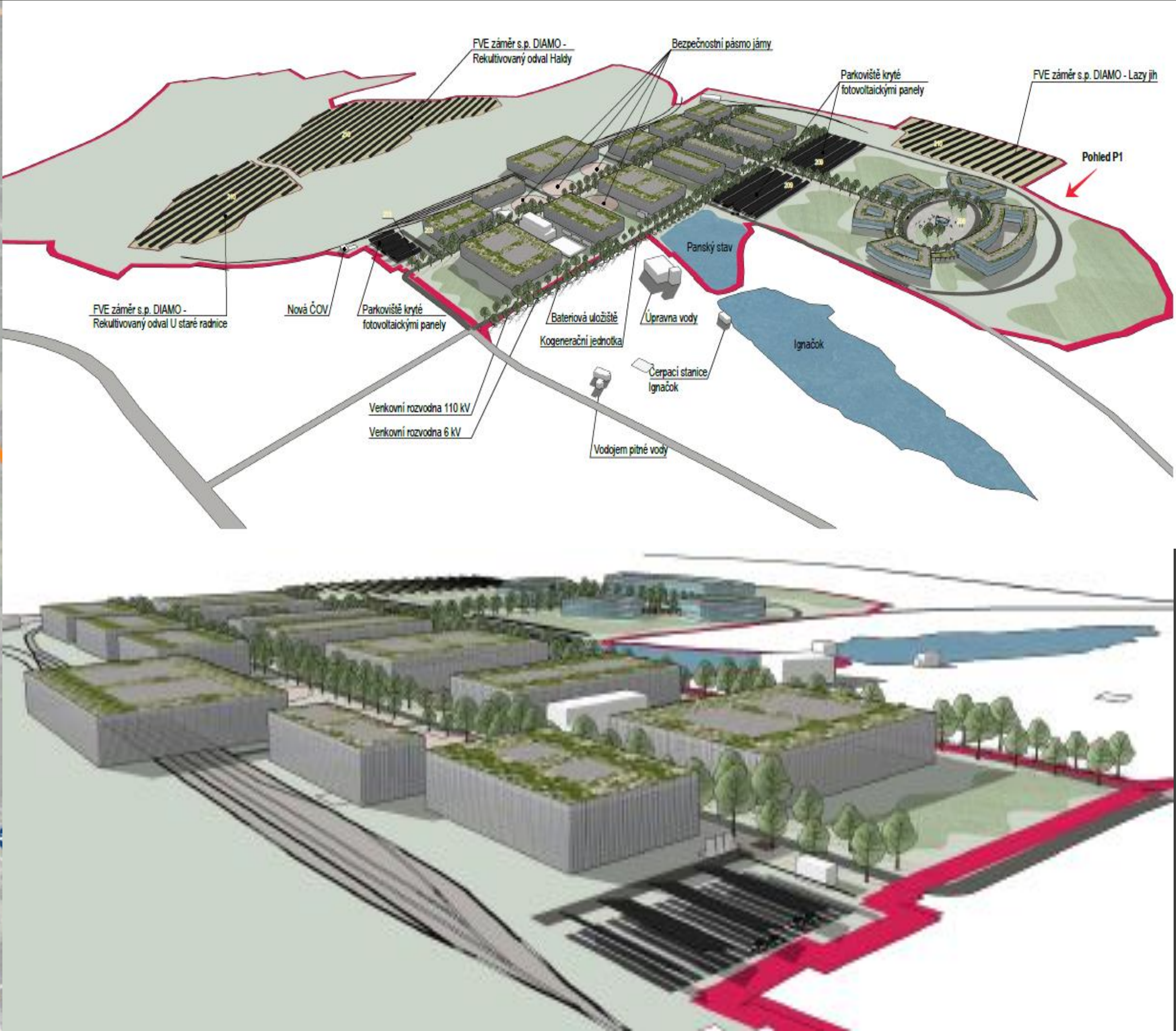
Type: reclaimed areas

Main uses: circular economy, energy industry, research and development, green investment

Railways: in the area

Motorway: D1 (12 km)

Heliport



TECHNOLOGY PROJECTS

Implementation of a platform for pilot/technology projects and startup acceleration with the support of ČSOB Start It

Utilization of mine gas/waste heat, Orlová, Doubrava

Photovoltaics - community energy (sports, administrative complex), Orlová, Doubrava

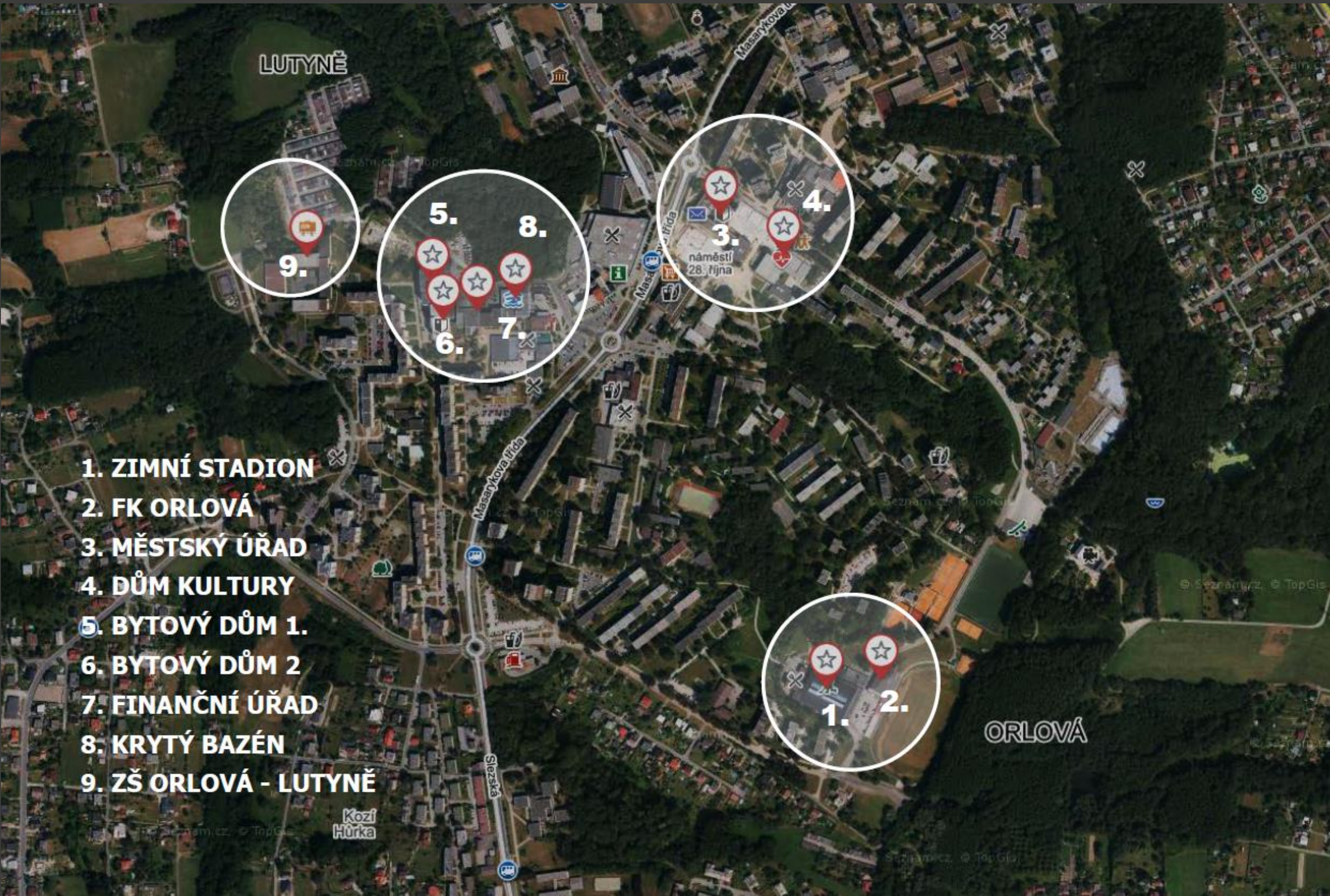
Floating photovoltaics - Veolia CSA tailings pond

Agri-photovoltaics - Stonava Farm

Community energy - Stonava, Doubrava, Orlová



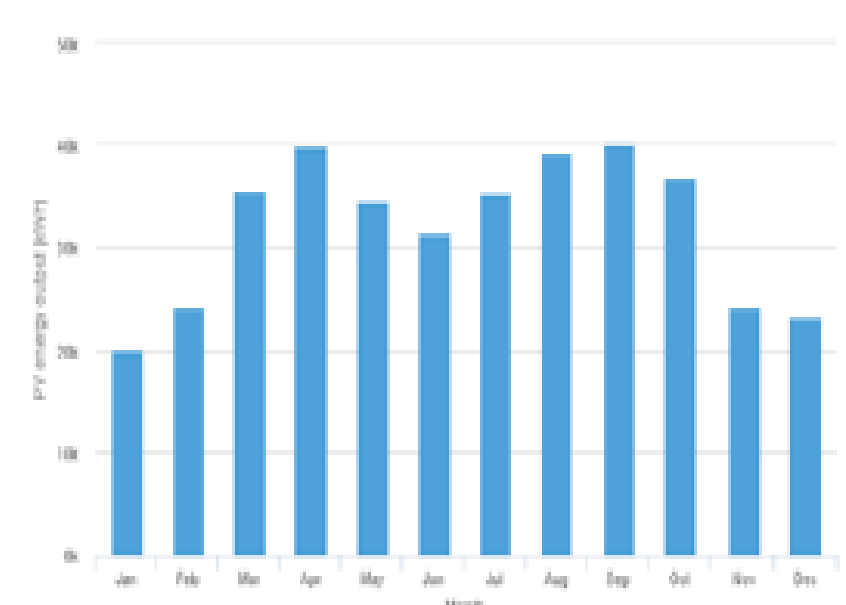
COMMUNITY ENERGY AND SMART GRIDS



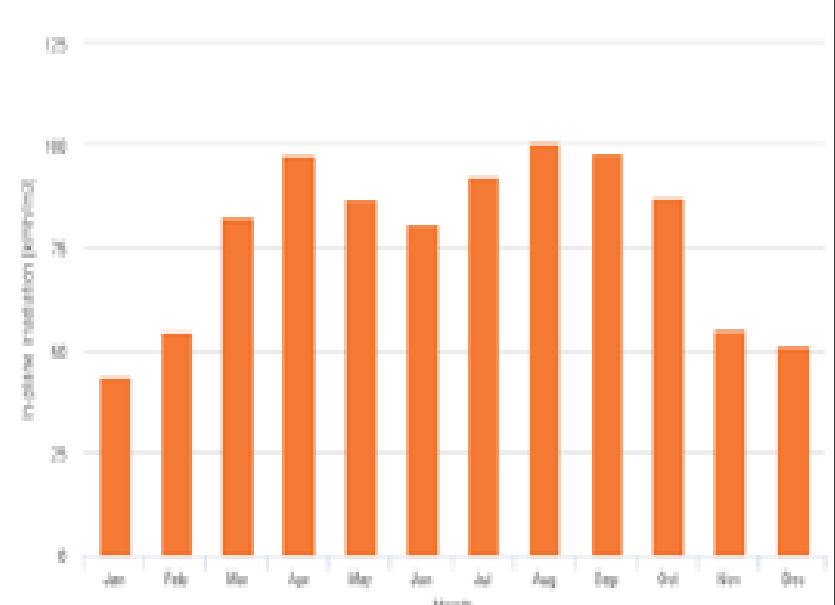
1. ZIMNÍ STADION
2. FK ORLOVÁ
3. MĚSTSKÝ ÚŘAD
4. DŮM KULTURY
5. BYTOVÝ DŮM 1.
6. BYTOVÝ DŮM 2
7. FINANČNÍ ÚŘAD
8. KRYTÝ BAZÉN
9. ZŠ ORLOVÁ - LUTYNĚ



Monthly energy output from fix-angle PV system:



Monthly in-plane irradiation for fixed-angle:



MAKING THE POHO2030 AREA MORE ATTRACTIVE

Implementation of a platform for the realization of sports, cultural, leisure and charity activities on the territory of POHO2030 in cooperation with the development of energy projects

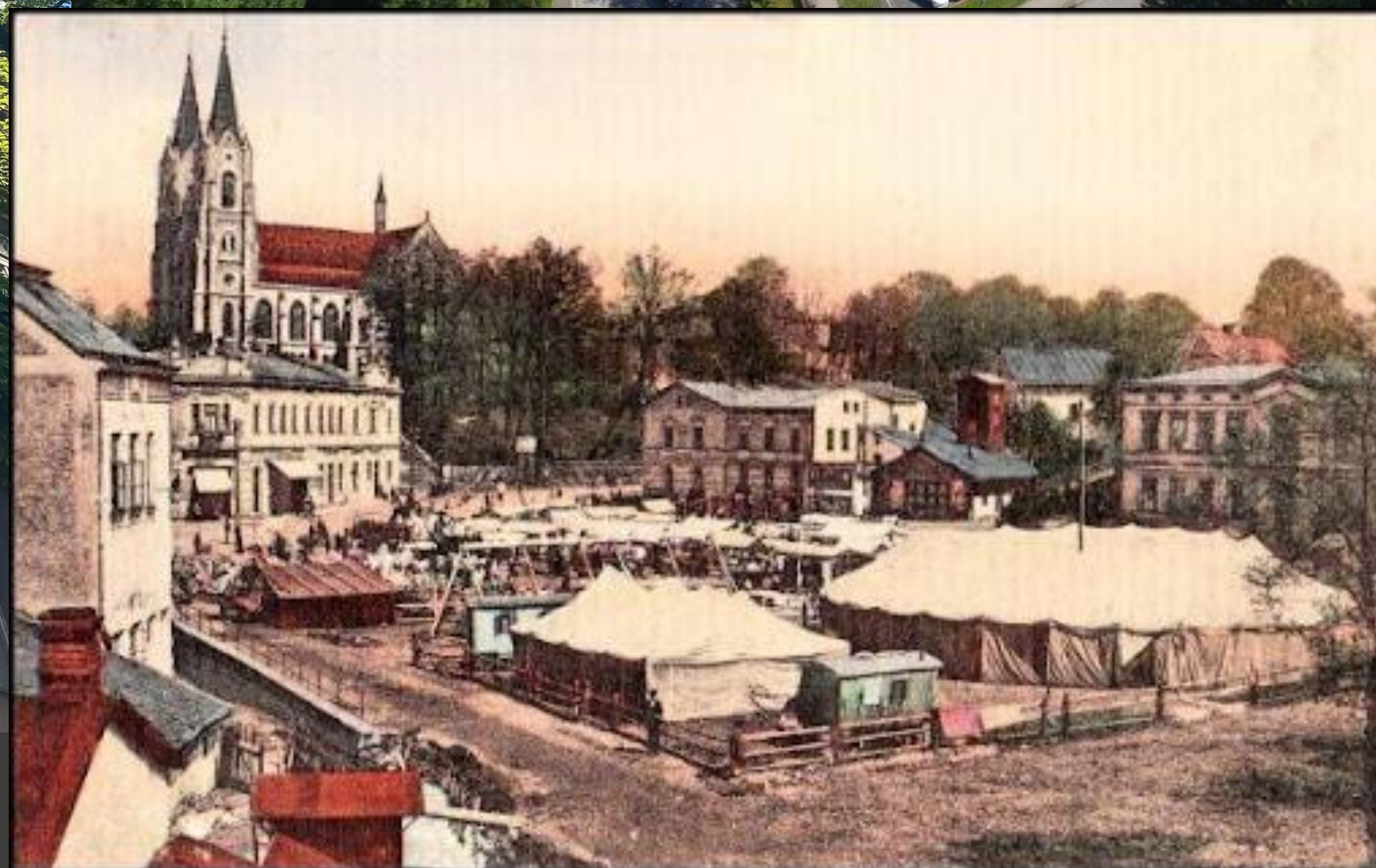
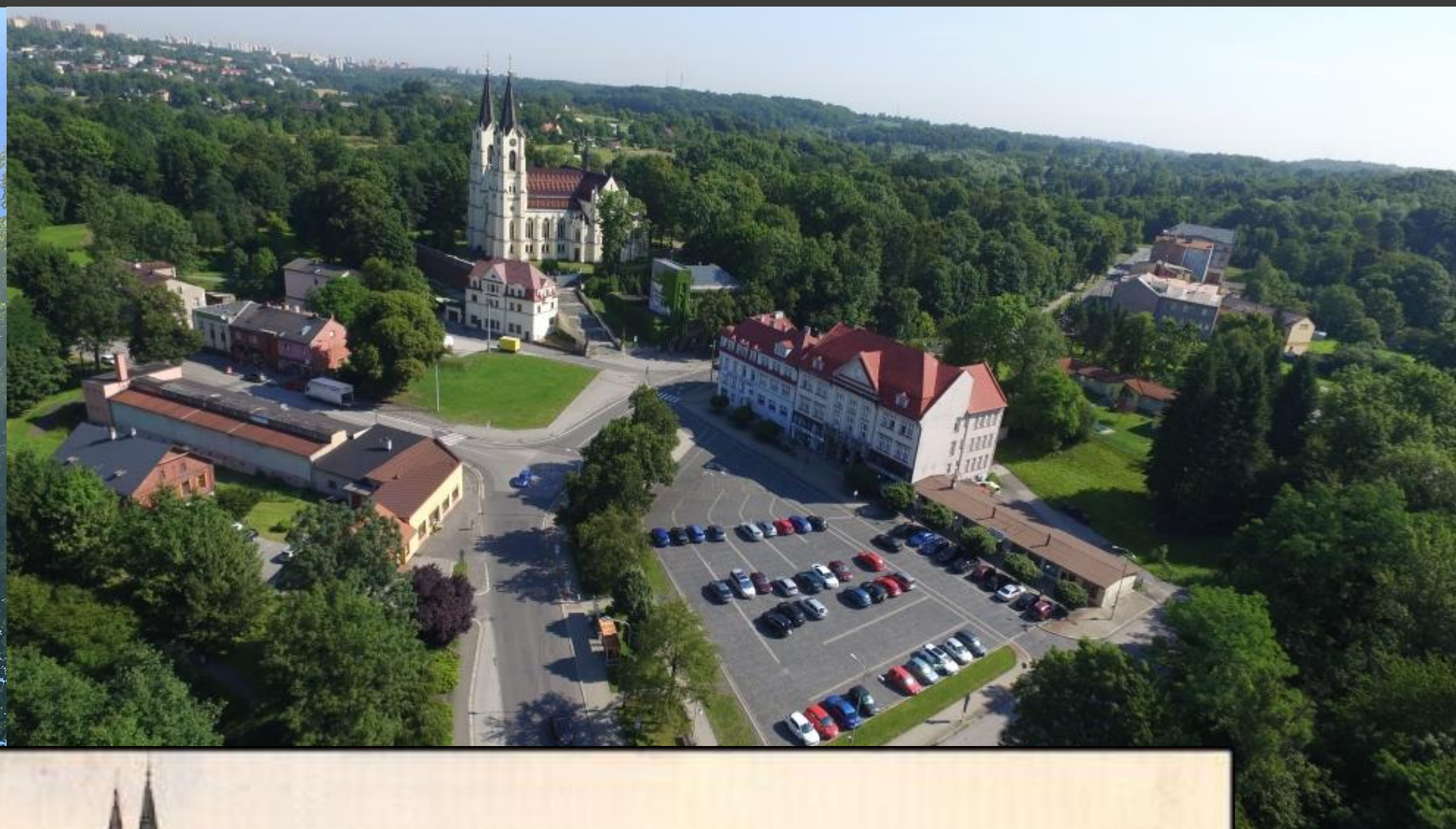
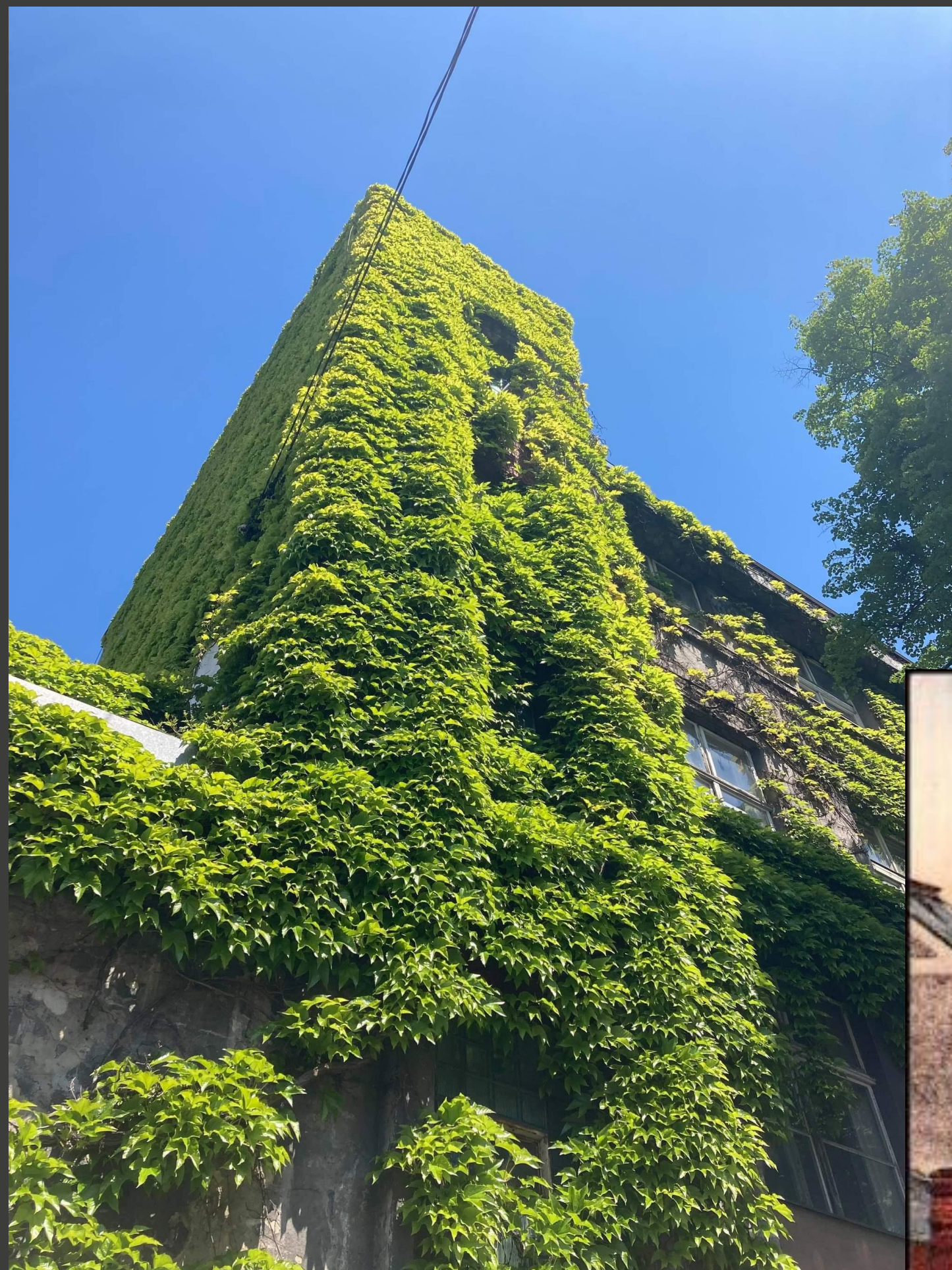
Autonomous containers on the Karviná Sea

Electromobility, shared transport

Image change



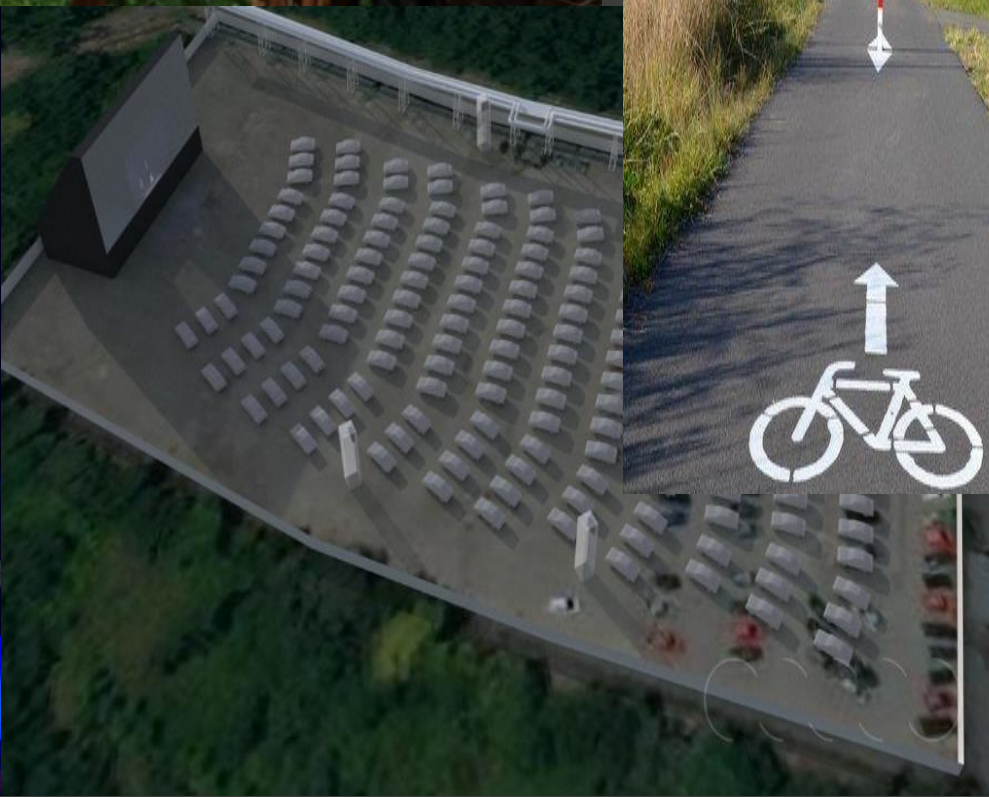
STARÁ ORLOVÁ



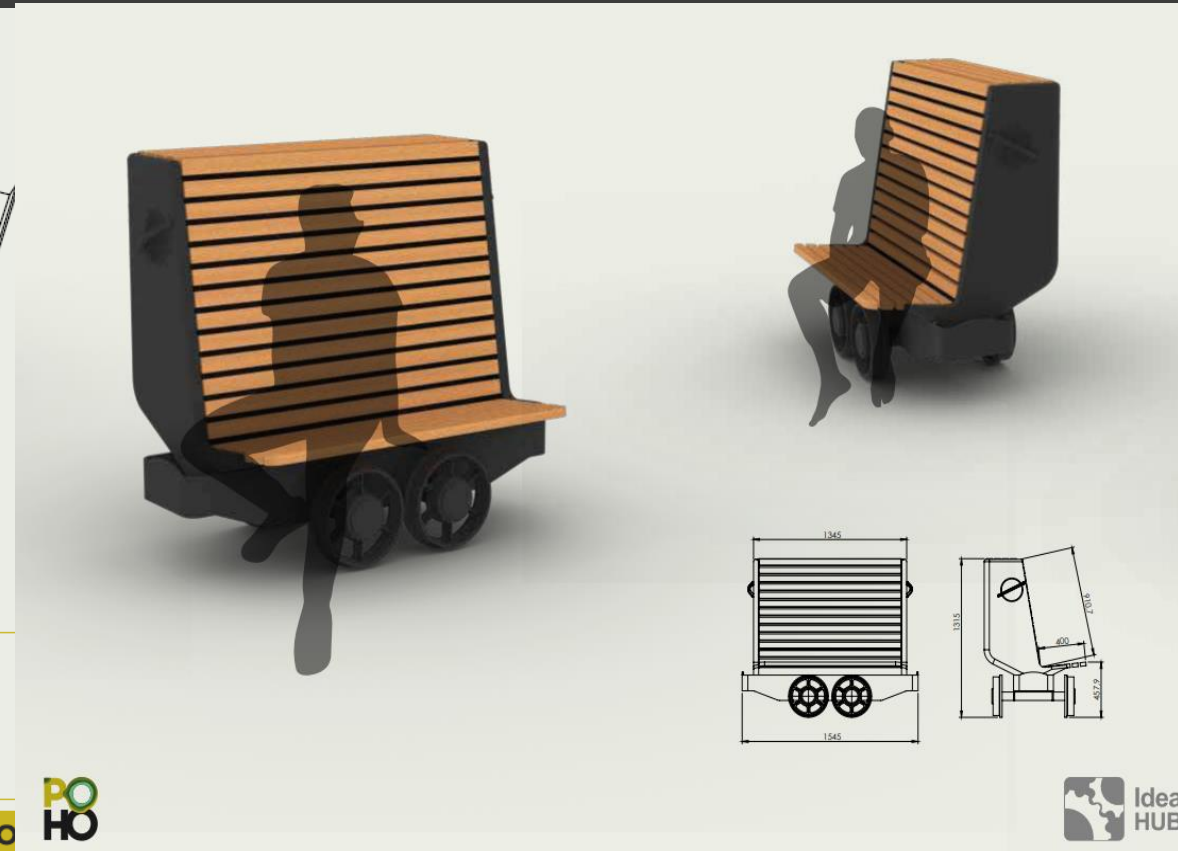
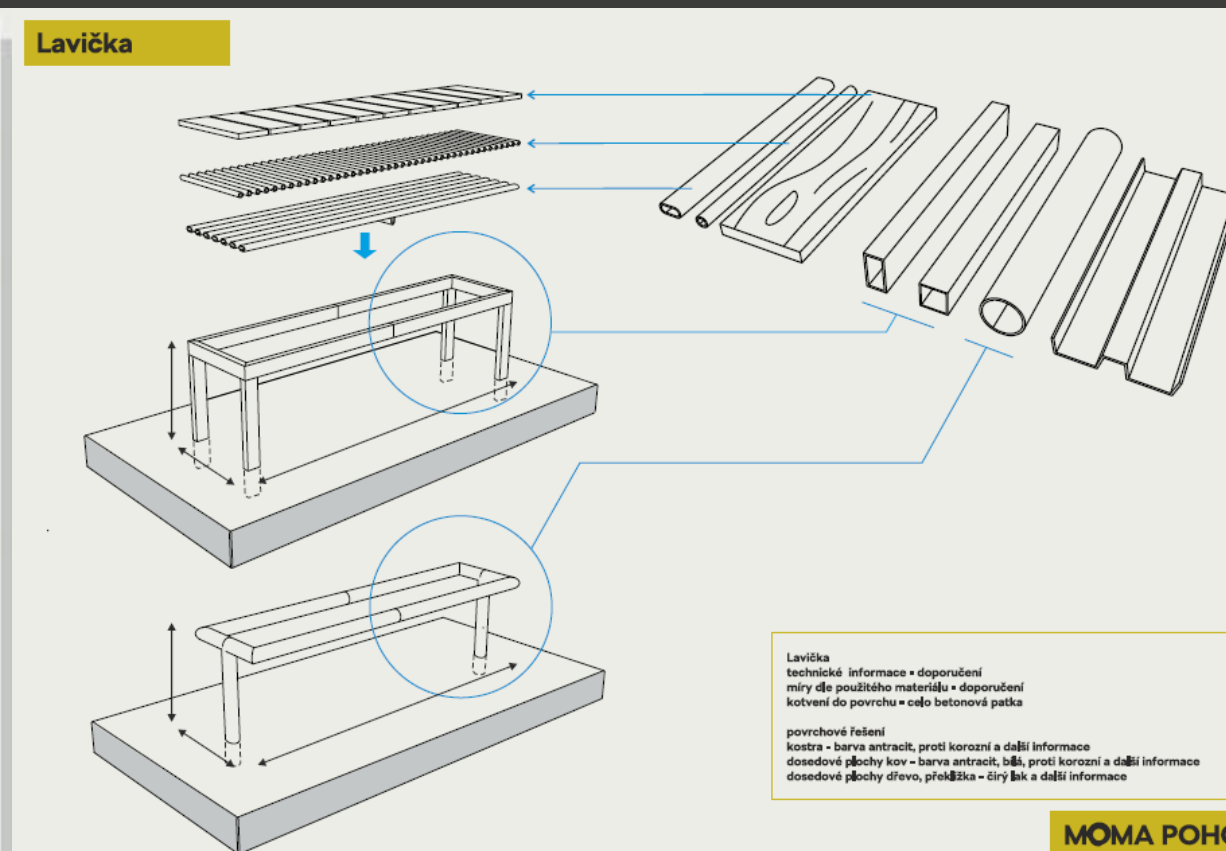
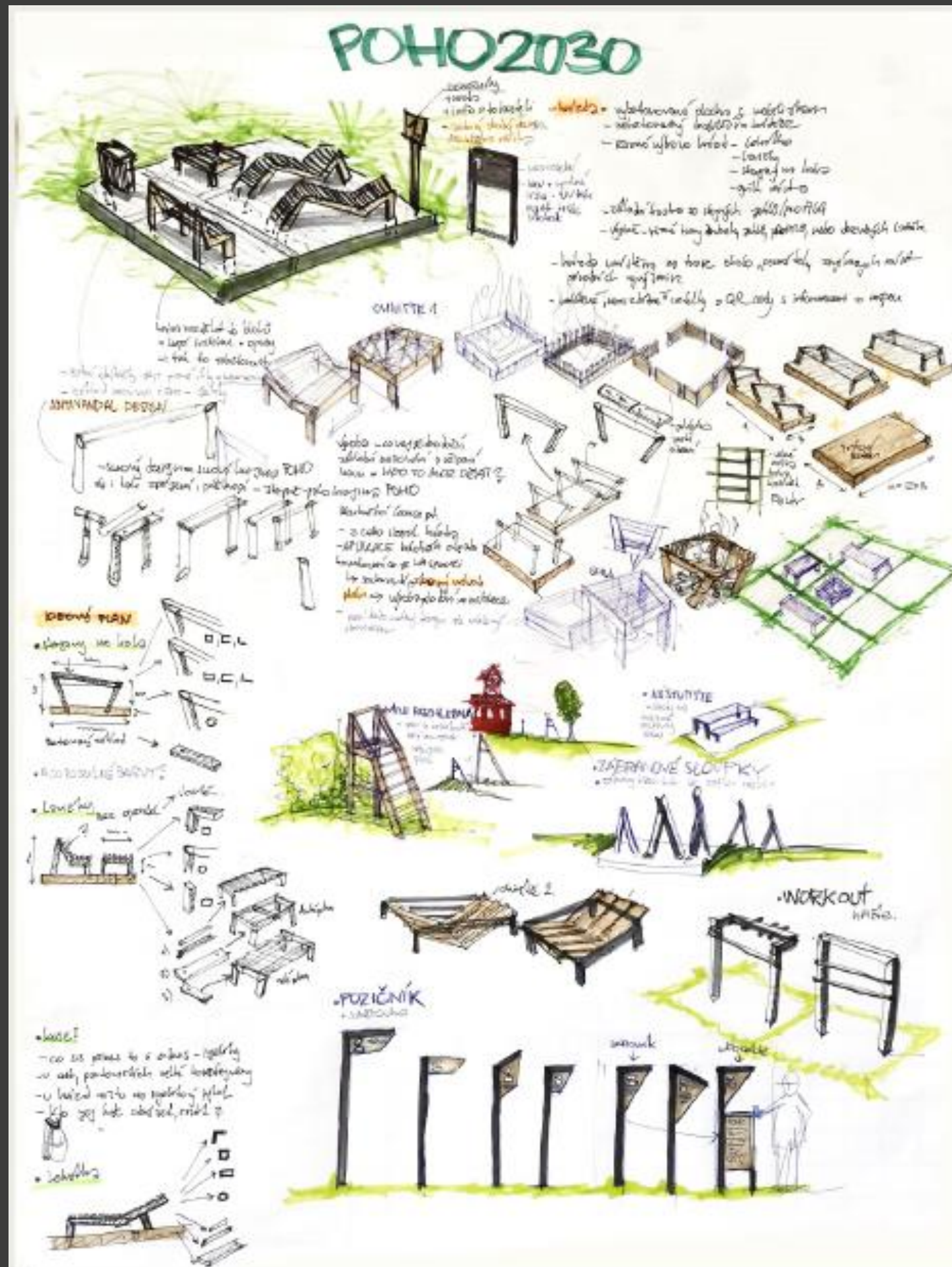
ZÁMEK DOUBRAVA



MAKING THE POHO2030 AREA MORE ATTRACTIVE



NEW FURNITURE - CIRCULAR ECONOMY



MAKING THE POHO2030 AREA MORE ATTRACTIVE

The reBarbora Open Music Festival is the first 100% sustainable festival in the Czech Republic and Central Europe





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