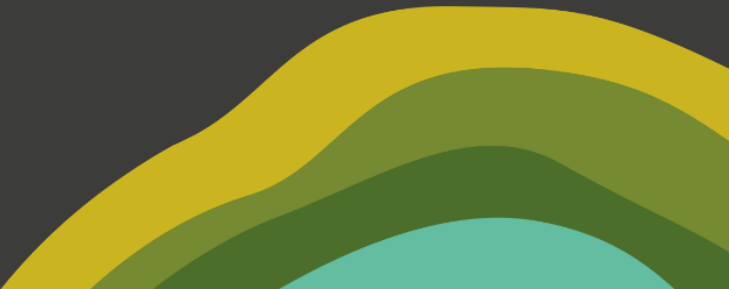


PROHO

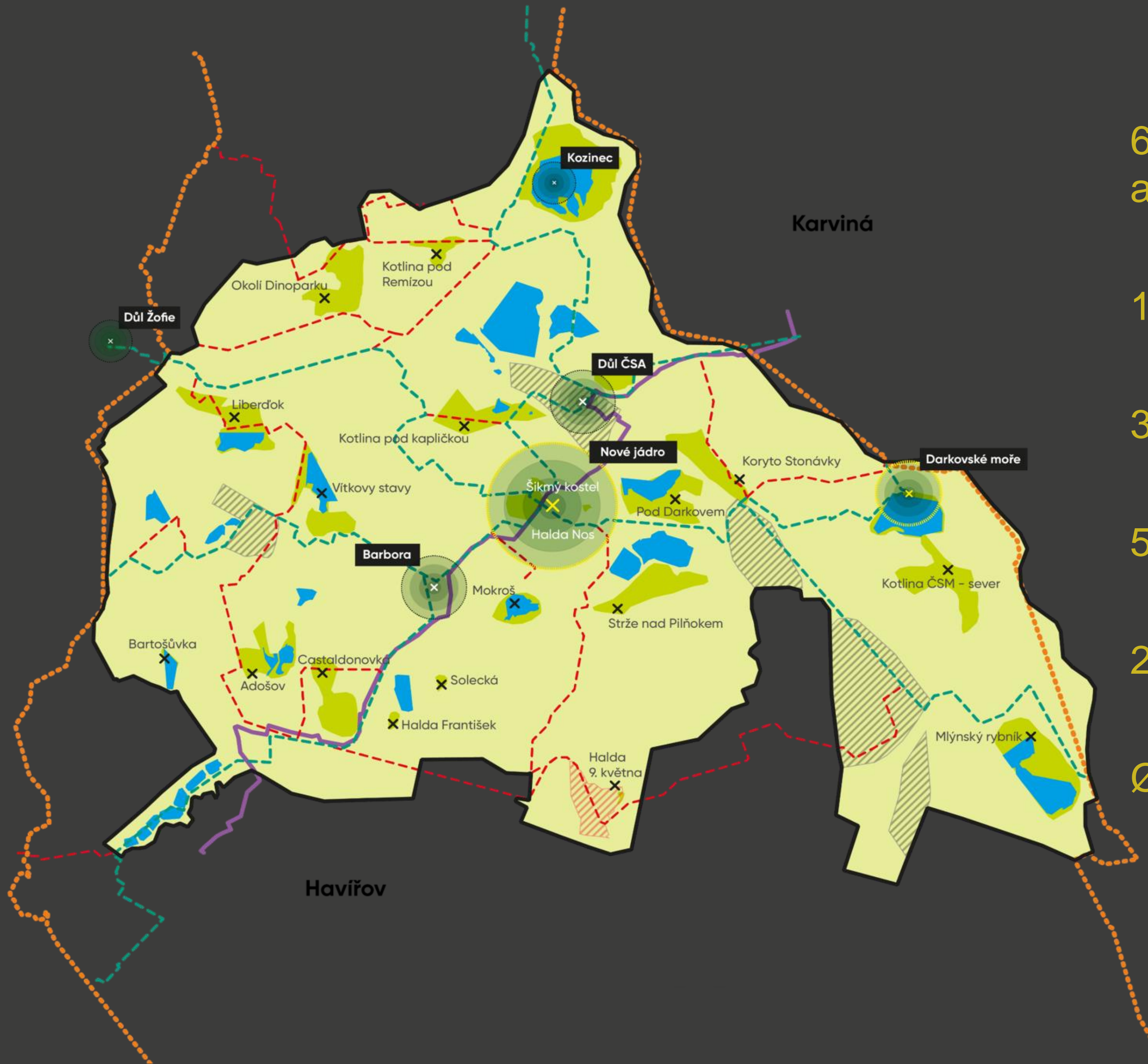


A unique programme transforming the area between Karviná, Havířov and Orlová
the post-mining landscape.





Orlová



62 km² between Orlová, Karviná and Havířov

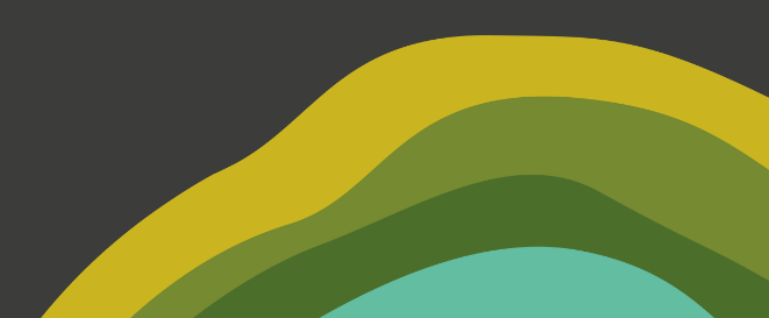
157 000 inhabitants

350 ha of mining areas

500+ million tonnes of coal mined

240 years of mining history

Ø mining depth 930 m



COOPERATION

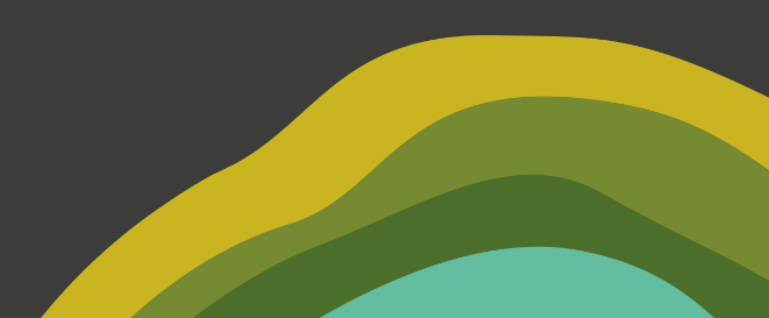


Memorandum of Cooperation in the Implementation of the Objectives of the Concept

42 signatories

Basic cooperation in the territory

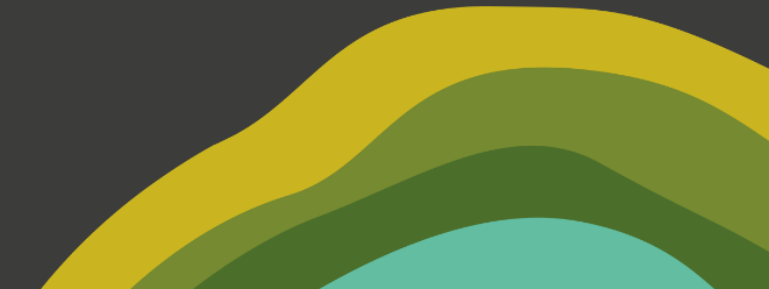
Creation of thematic working groups - energy, waste...



LANDSCAPE



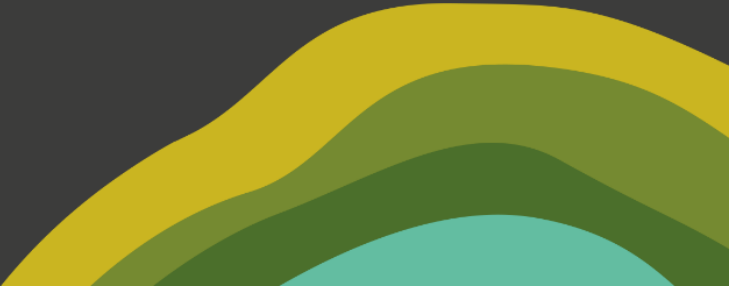
LANDSCAPE



LANDSCAPE



MINING SITES



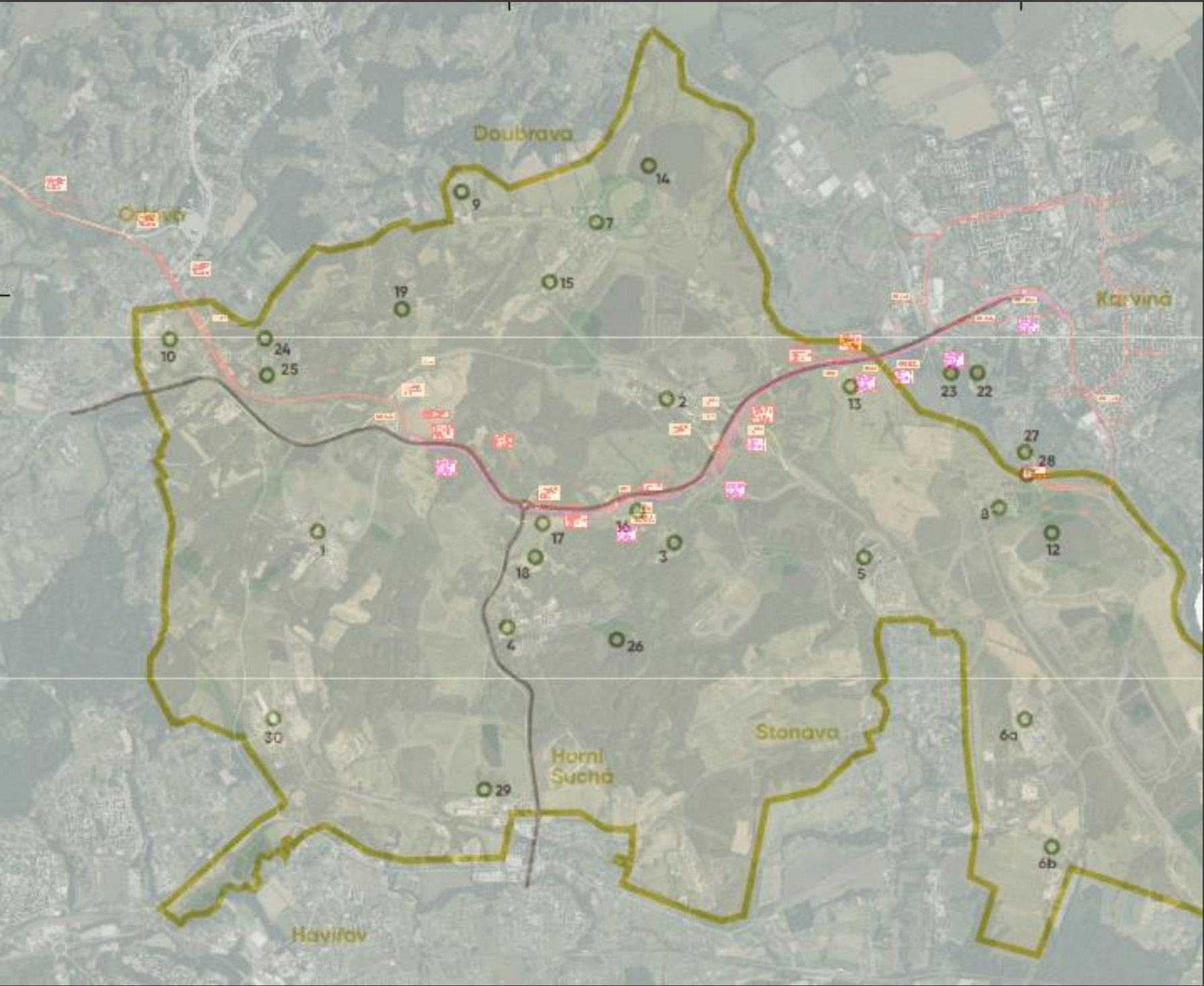
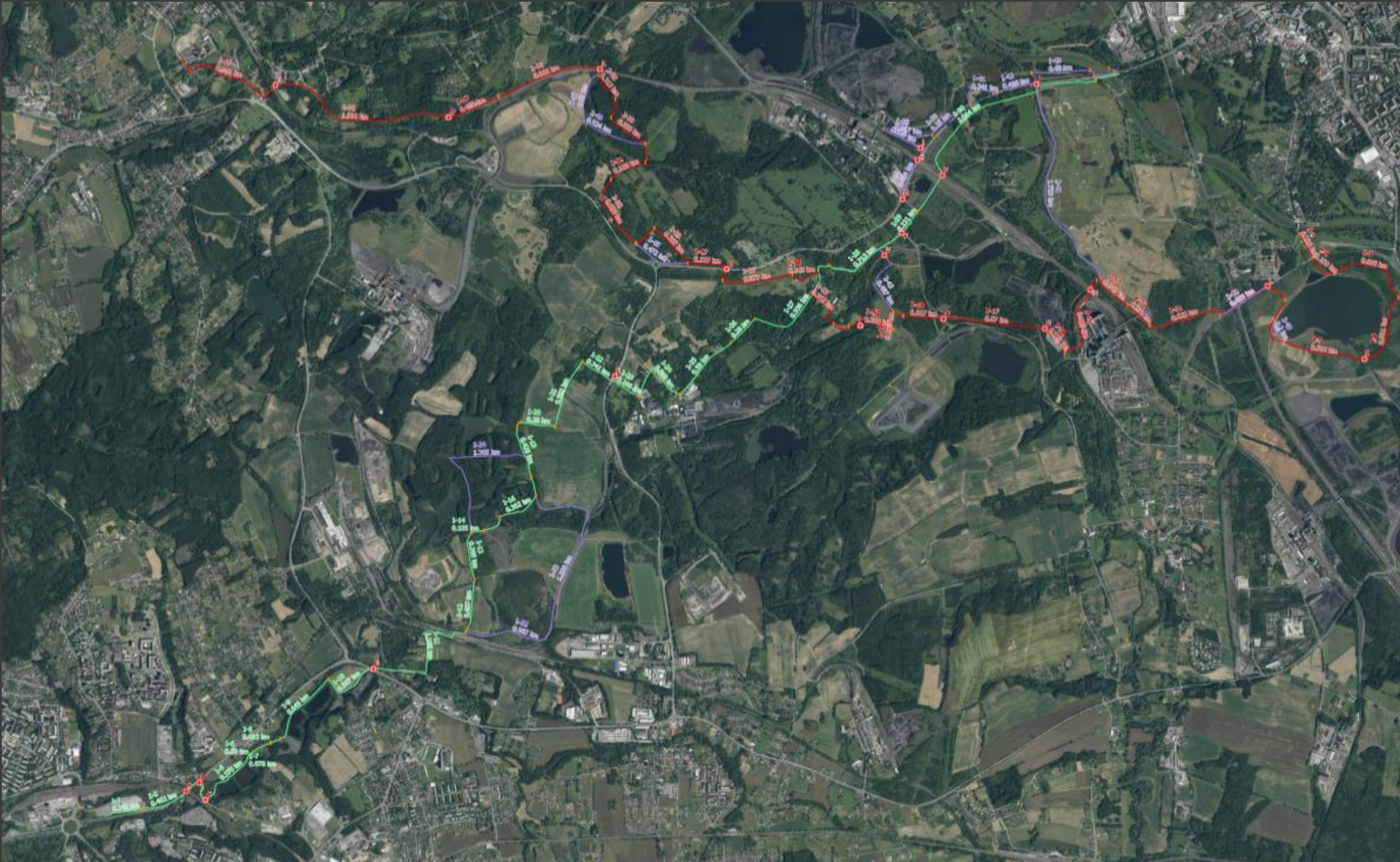
MINING SITES



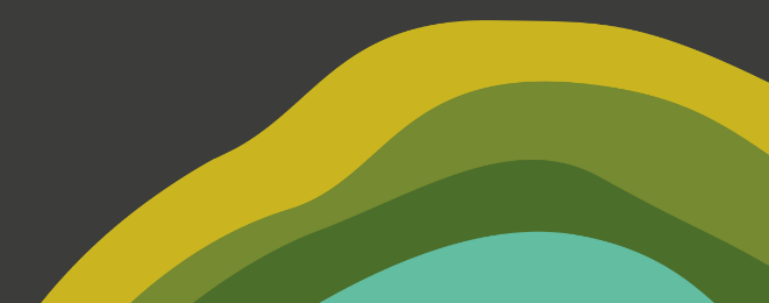
POHO2030 – INTERCONNECTION AND ACCESSIBILITY

Bike paths – Karviná, Havířov, Orlová, Poland

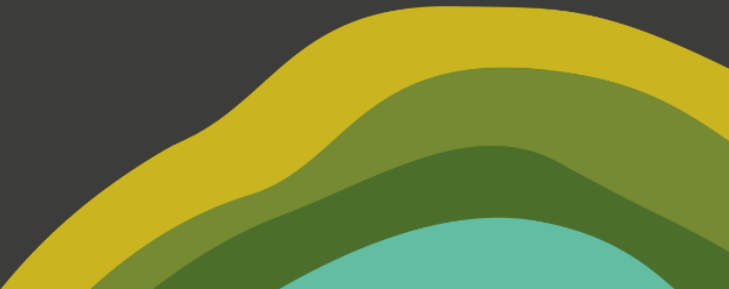
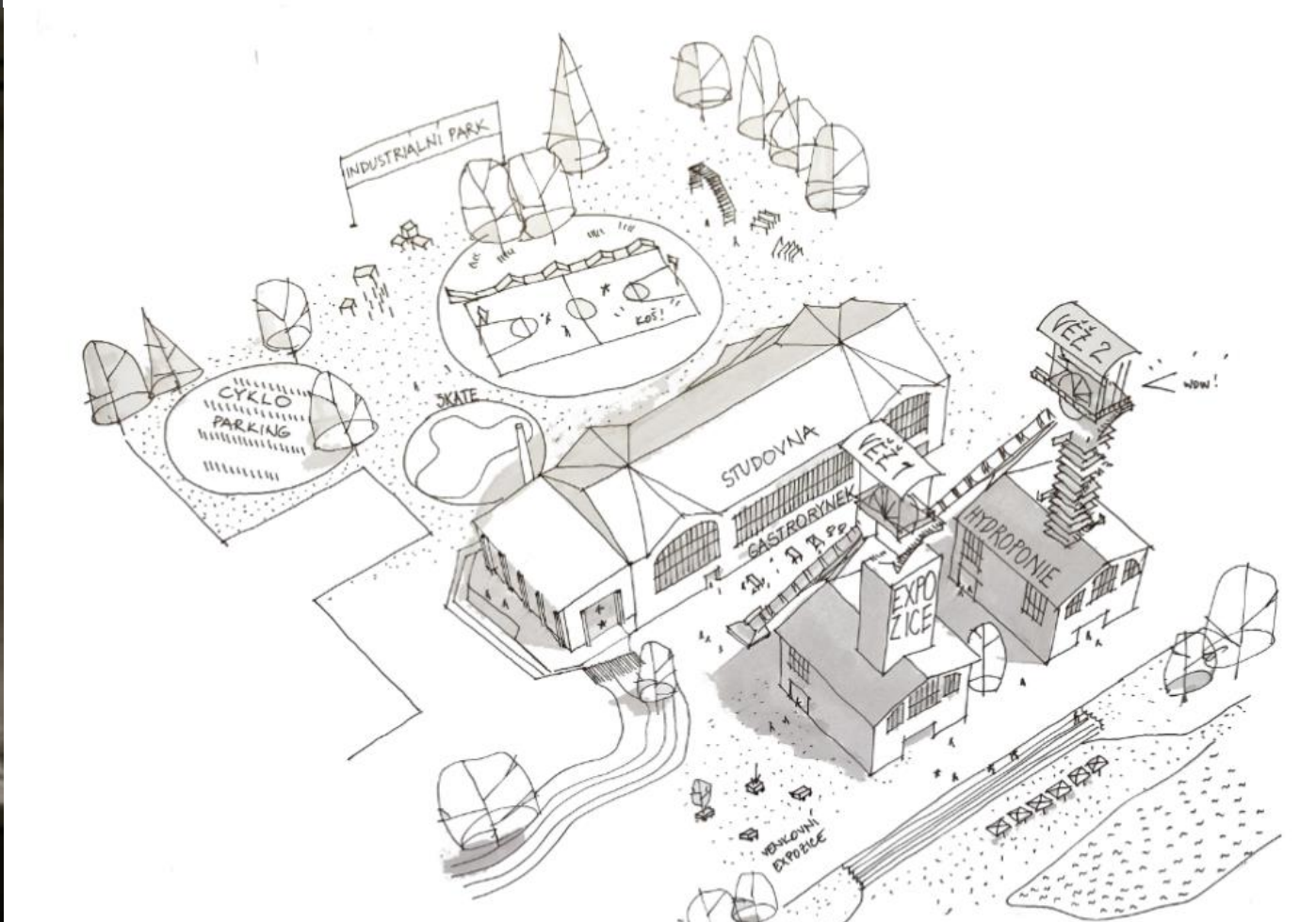
Tram line – Karviná – Ostrava (30 minutes)



JUST TRANSITION FUND – GABRIELA 1854 - 2004



JUST TRANSITION FUND – GABRIELA 1854 - 2004



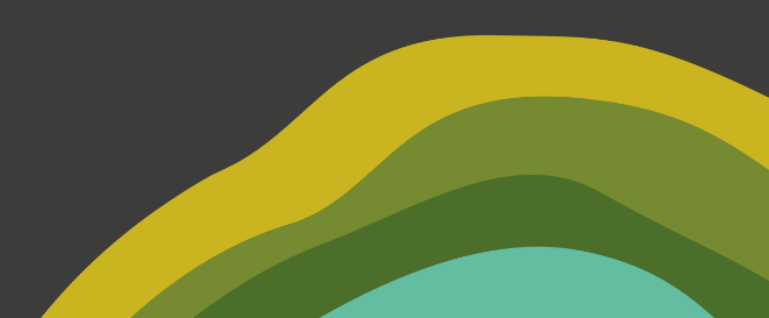
JUST TRANSITION FUND – GABRIELA 1854 - 2004



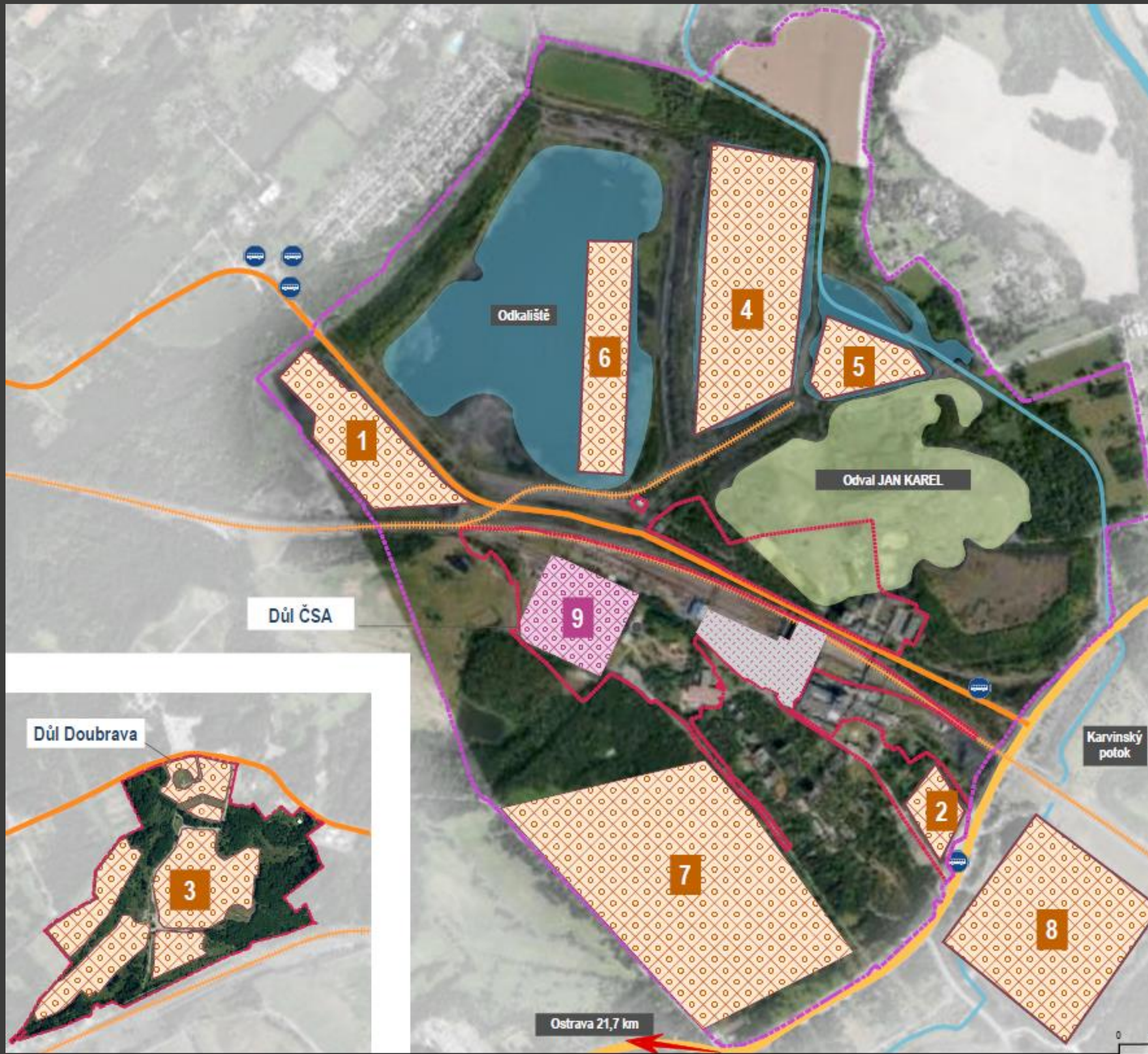
TRANSFORMATION OF MINING SITES + ENERGY

Lazy Mine + Veolia infrastructure

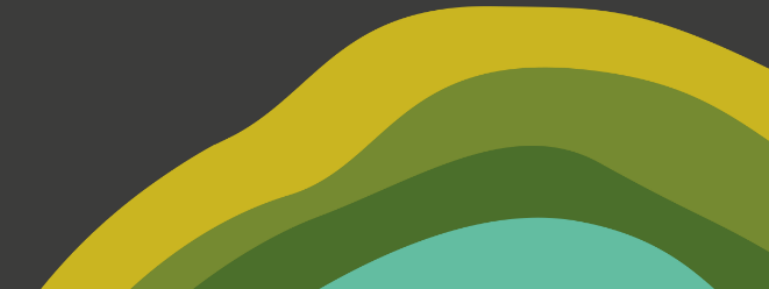
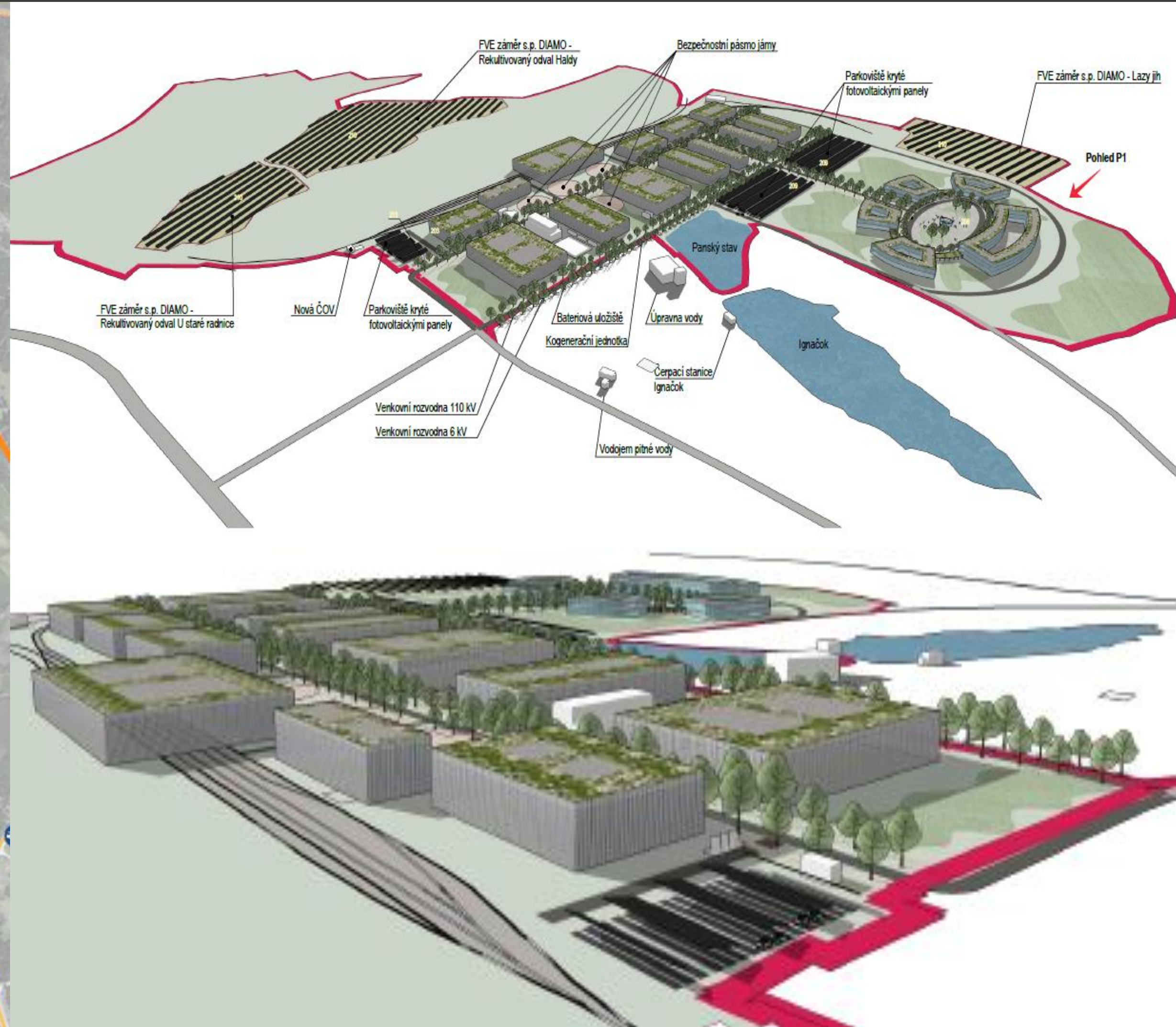
CSA Mine + CSA Heating Plant Veolia



CSA MINE + CSA HEATING PLANT VEOLIA



CSA MINE + CSA HEATING PLANT VEOLIA



TECHNOLOGY PROJECTS

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

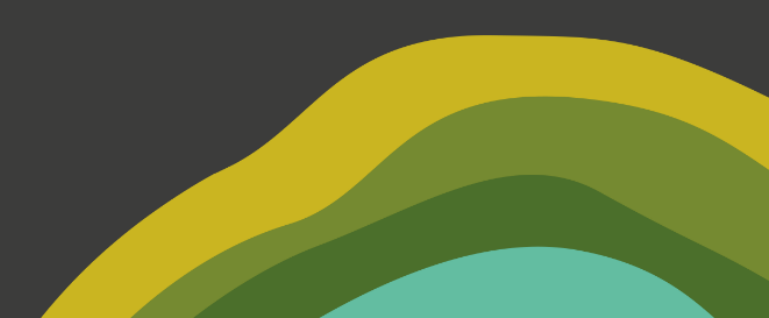
Utilization of mine gas/waste heat, Orlová, Doubrava

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

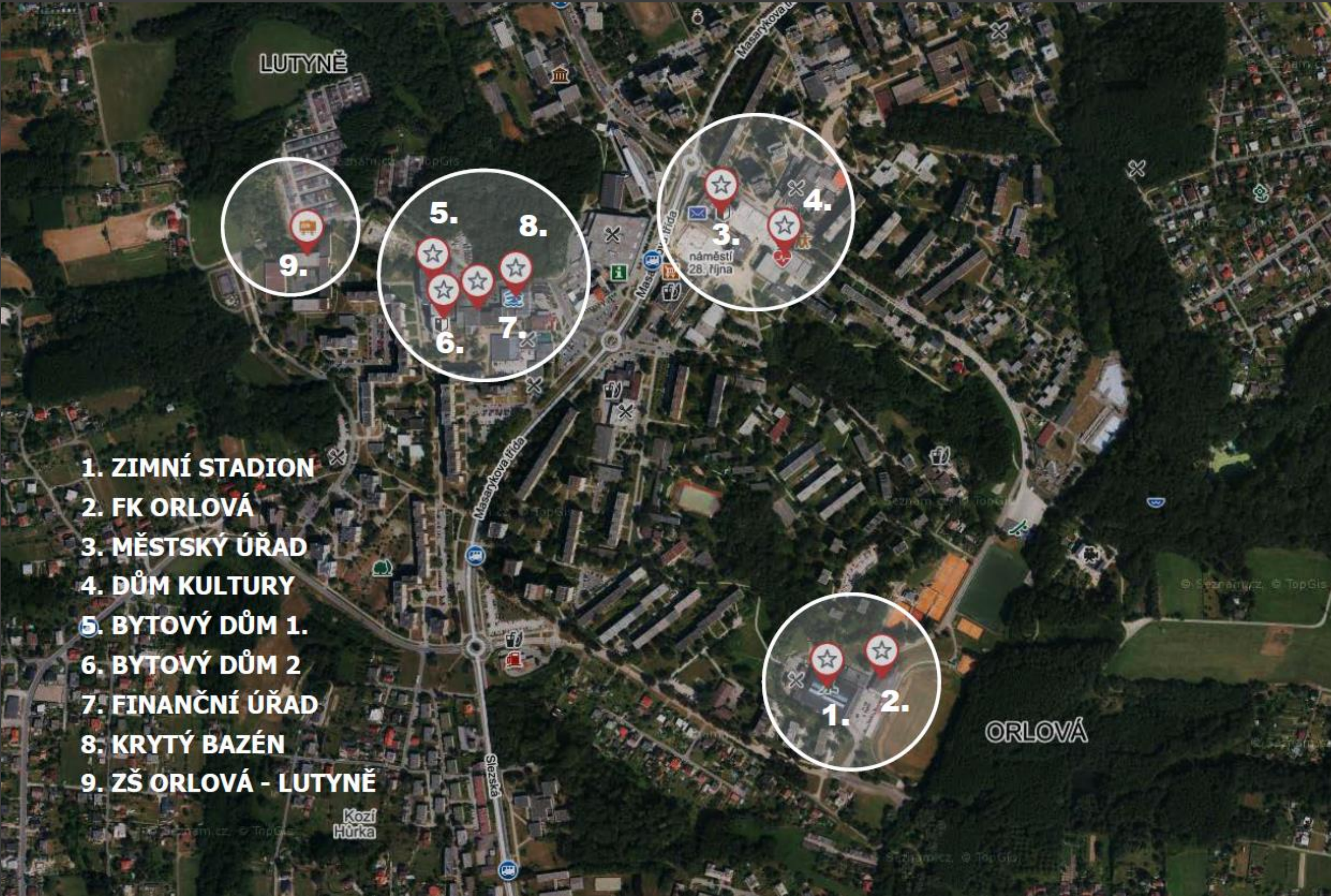
Floating photovoltaics - Veolia CSA tailings pond

Agri-photovoltaics - Stonava Farm

Community energy - Stonava, Doubrava, Orlová



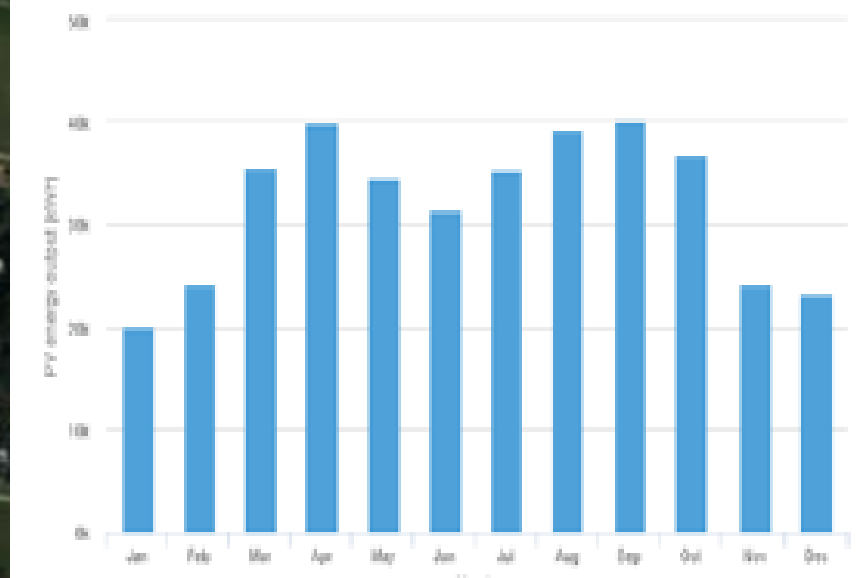
COMMUNITY ENERGY AND SMART GRIDS



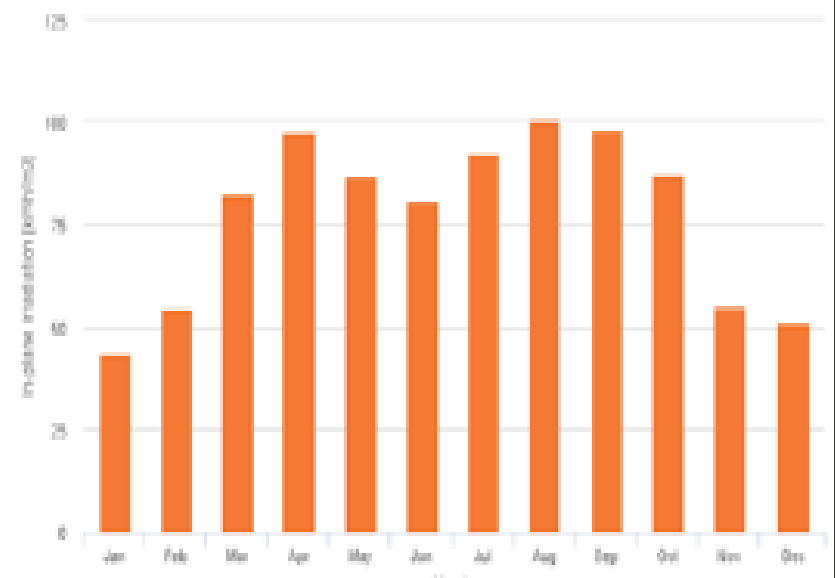
- 1. ZIMNÍ STADION
- 2. FK ORLOVÁ
- 3. MĚSTSKÝ ÚŘAD
- 4. DŮM KULTURY
- 5. BYTOVÝ DŮM 1.
- 6. BYTOVÝ DŮM 2
- 7. FINANČNÍ ÚŘAD
- 8. KRYTÝ BAZÉN
- 9. ZŠ ORLOVÁ - LUTYŇ



Monthly energy output from fix-angle PV system:



Monthly in-plane irradiation for fixed-angle:



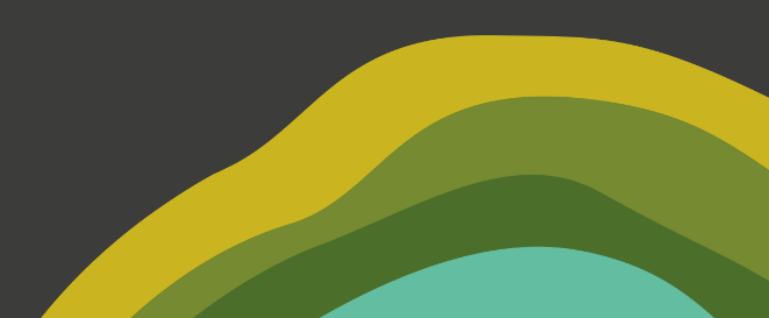
MAKING THE POHO2030 AREA MORE ATTRACTIVE

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



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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