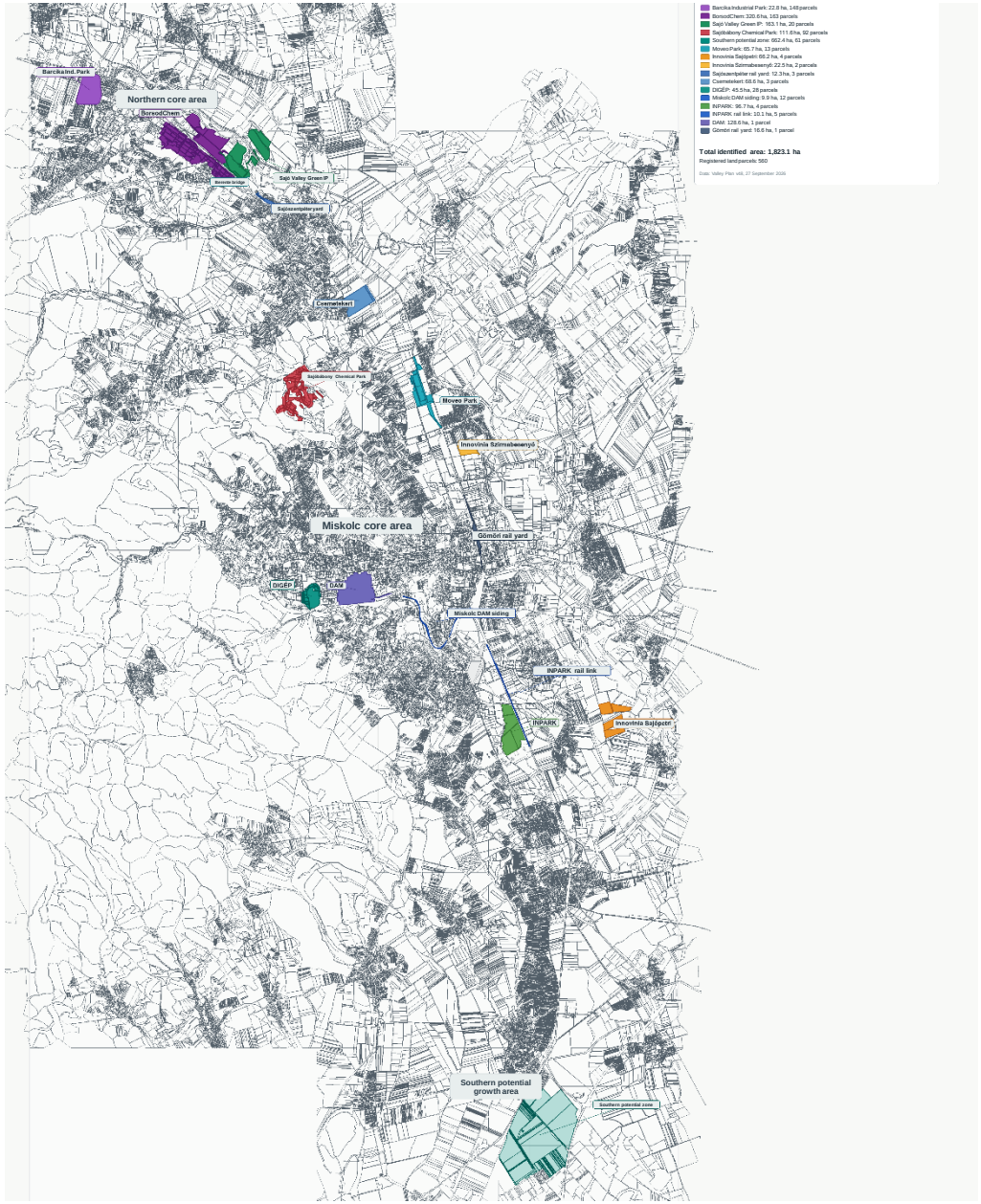
BÜKK-SAJÓ NET ZERO
ACCELERATION VALLEY

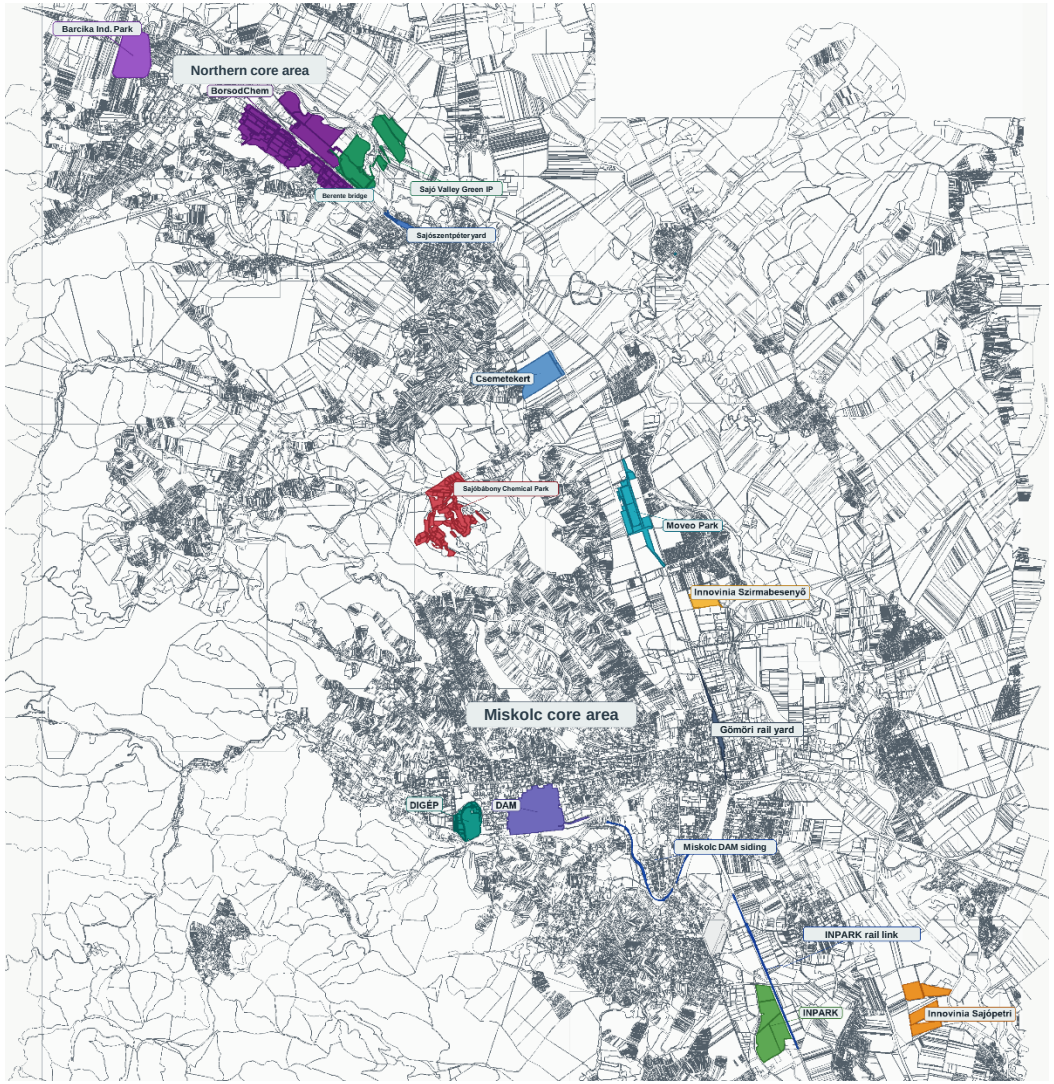
Bükk–Sajó Net Zero Acceleration Valley

Industrial transformation in Miskolc and the Sajó Valley, Hungary



BÜKK-SAJÓ NET ZERO
ACCELERATION VALLEY

One industrial corridor, two complementary cores



29 participating municipalities



Northern core

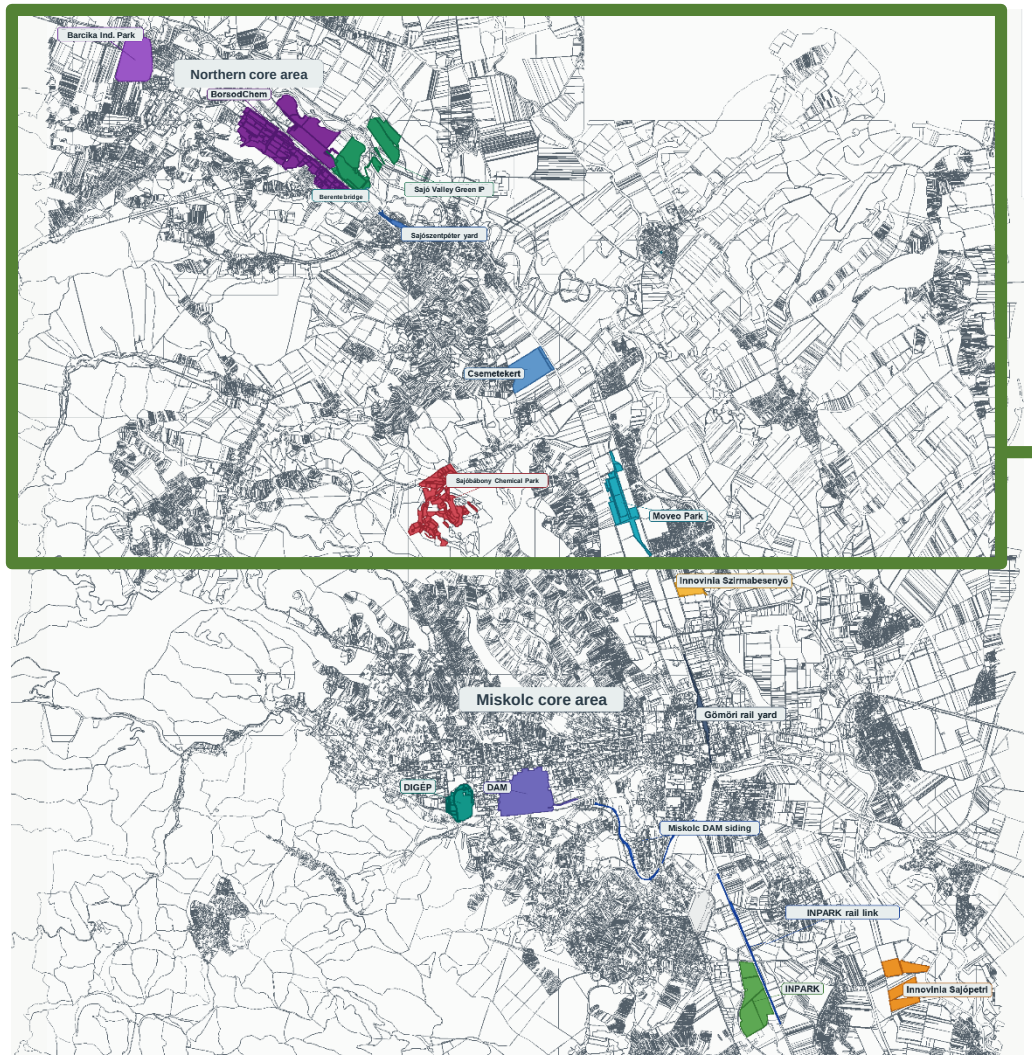
Chemicals and green steel
Kazincbarcika–Berente

Miskolc core

Brownfield renewal, engineering and the university

BÜKK-SAJÓ NET ZERO ACCELERATION VALLEY

One industrial corridor, two complementary cores



29

participating municipalities

Northern core

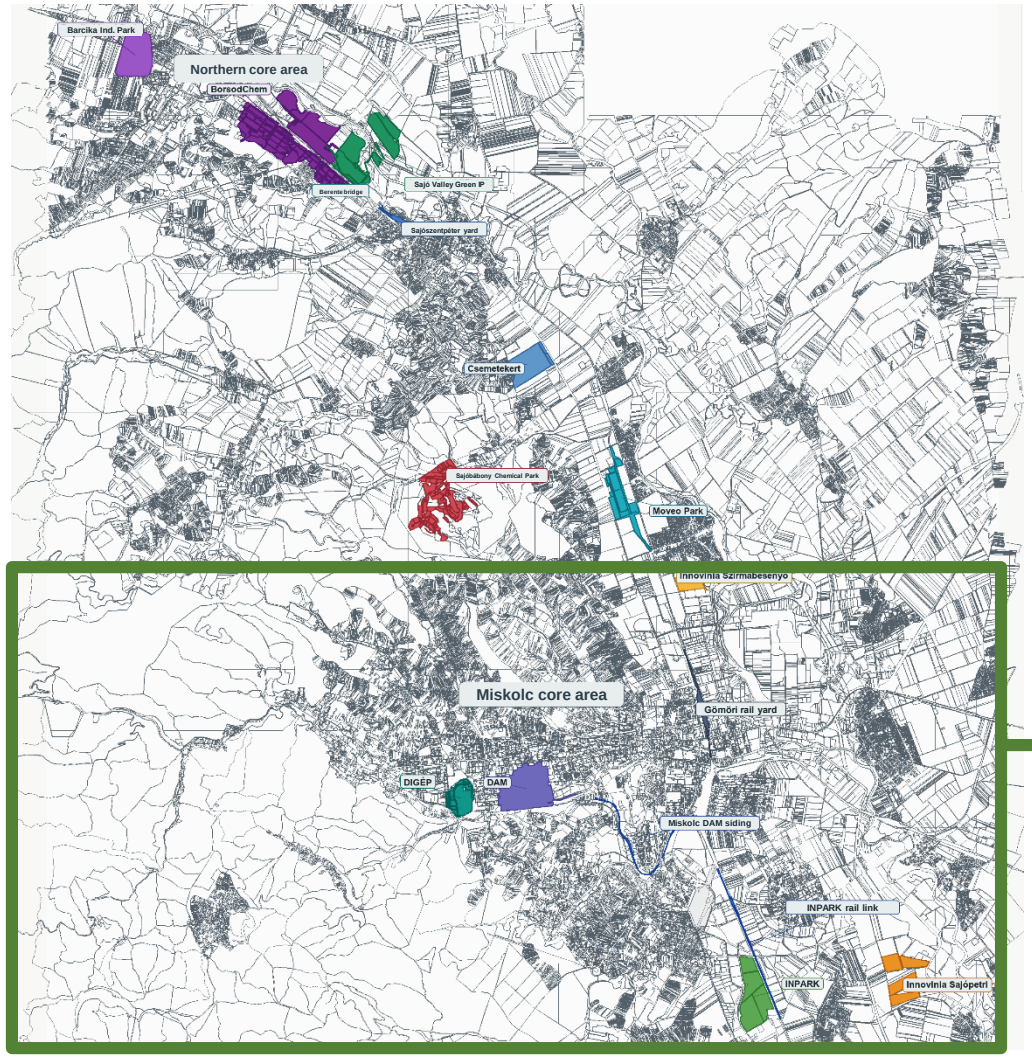
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One industrial corridor, two complementary cores



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participating municipalities

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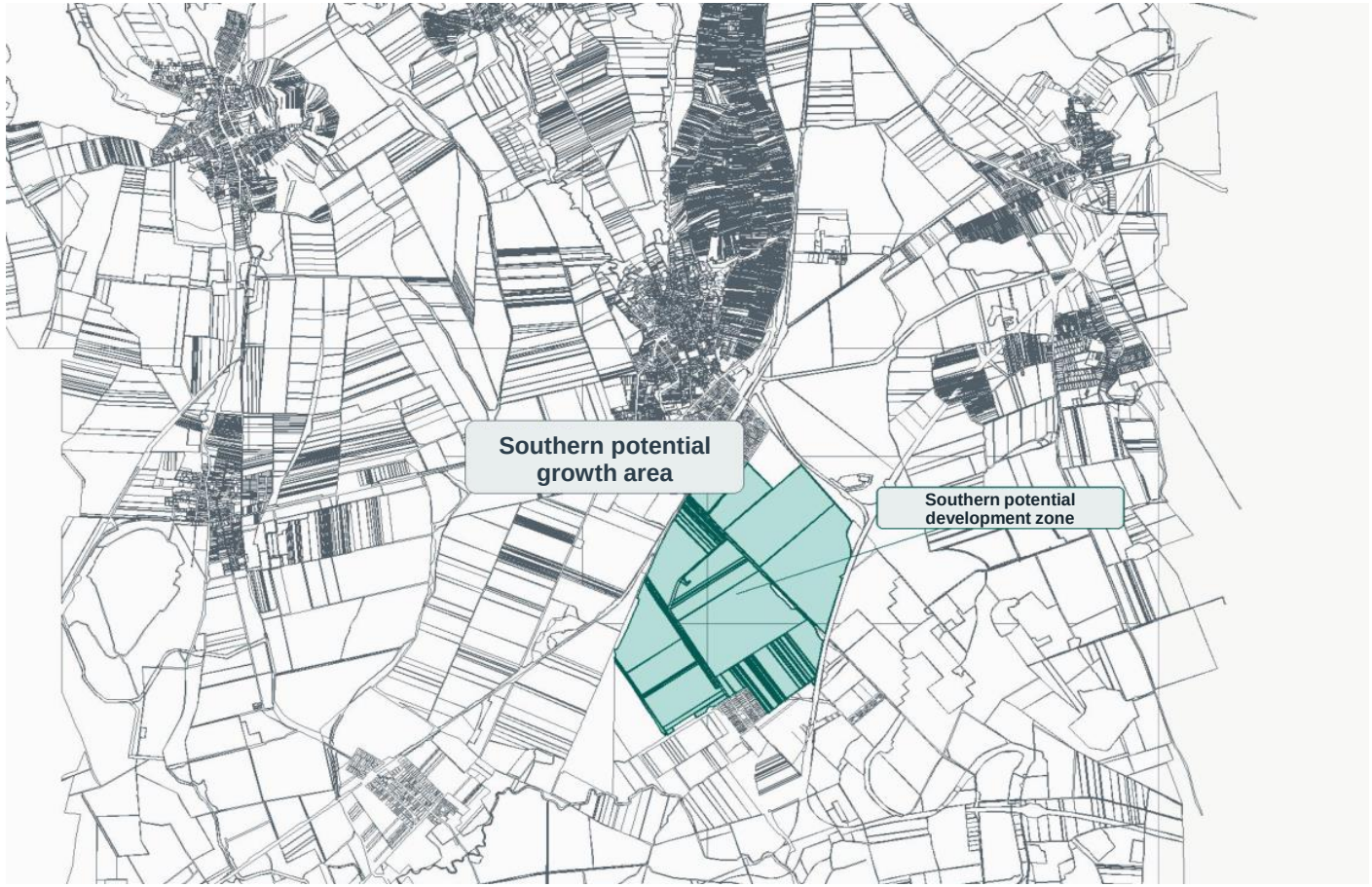
Chemicals and green steel
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Southern potential growth zone: Emőd



Future activation requires a separate government decision

662.4 ha

Emőd area

Long-term strategic reserve

Outside the current implementation programme

Further decisions and studies

Land use, utilities and transport
Environmental assessment
Eligible investor project

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Technology scope and the regional industrial base

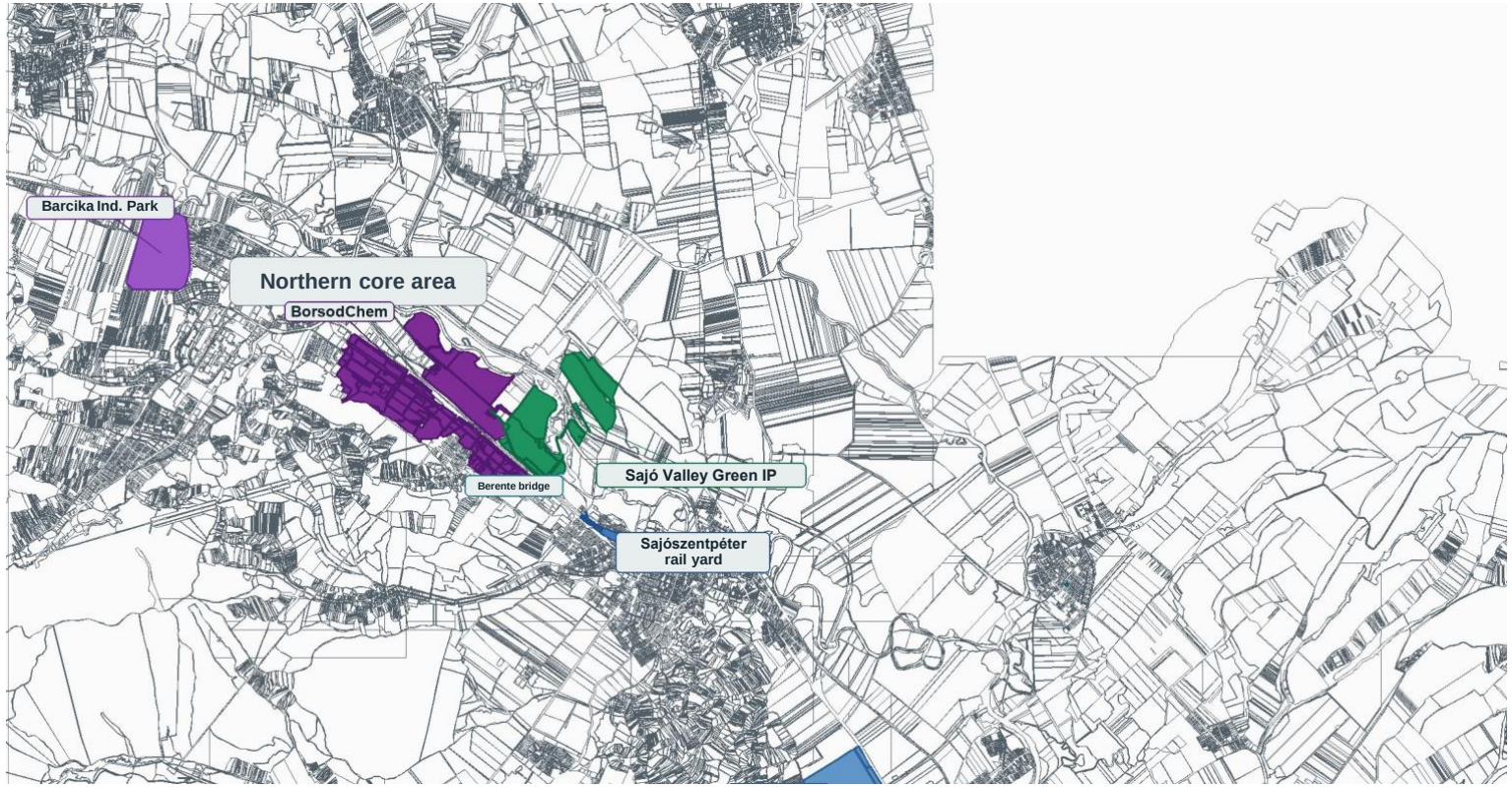
Technology focus	Regional foundation	Valley development direction
Green steel and metal components	Metallurgy, metalworking and CycloSteel in Berente	Electrified steelmaking and inputs for net-zero supply chains
Chemical transformation	BorsodChem and the Sajóbábony chemical cluster	Lower process emissions, better energy and material efficiency
Solar and electrical components	Metal fabrication, cables and mechatronics suppliers	Mounting systems, electrical equipment and grid components
Geothermal heat and electrification	Geothermal heat network and industrial engineering	Industrial heat connections, heat recovery and energy control

Shared enablers: renewable electricity, storage, rail logistics and prepared industrial sites

Hydrogen and carbon management: feasibility and skills preparation before 2030

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CycloSteel and the northern industrial core



CYCLOSTEEL

NZIA strategic project

Regional scrap and fully electrified steelmaking

€670m

planned investment

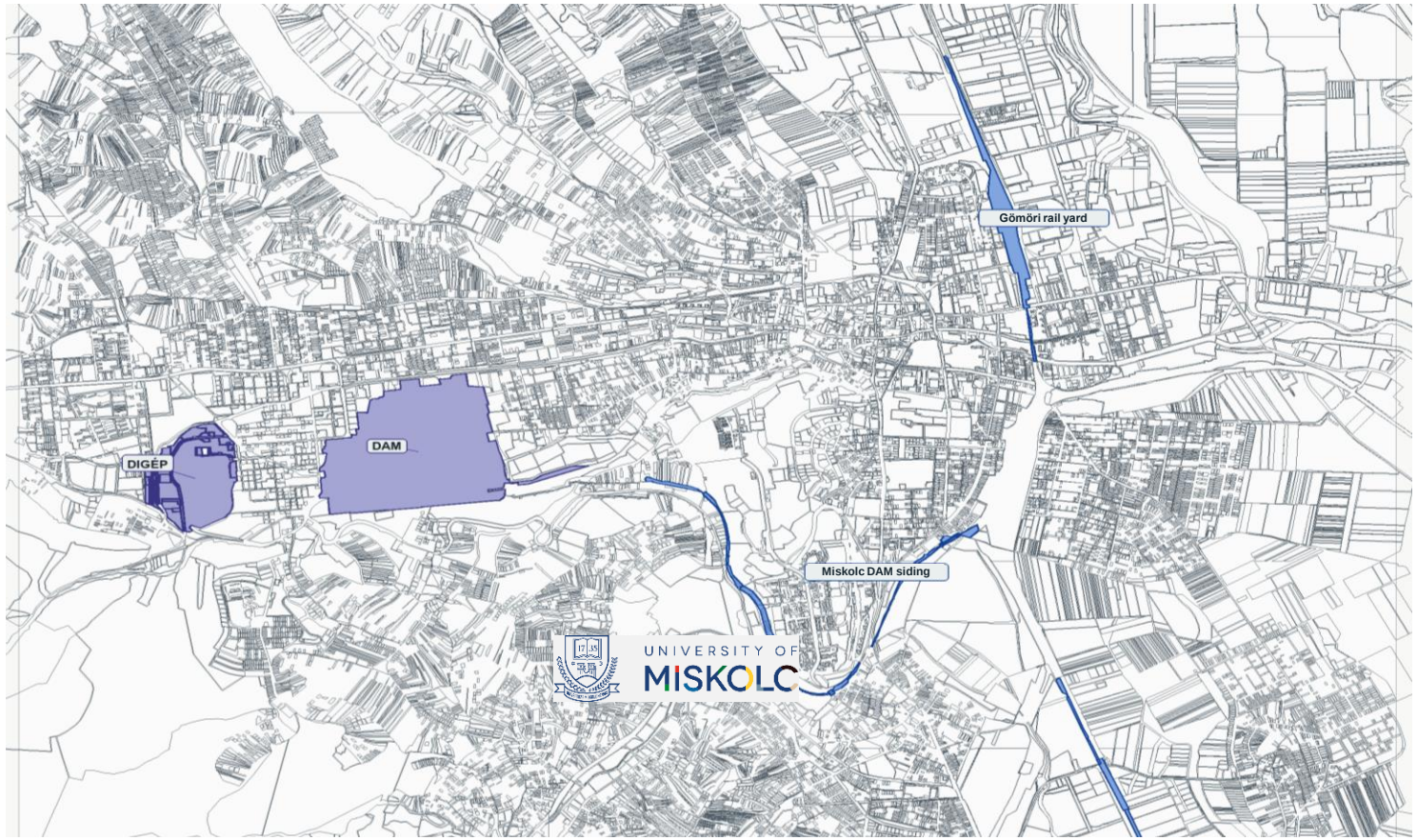
~600

planned jobs

BorsodChem, green steel and shared rail logistics

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Miskolc: industrial renewal and a university base



DAM, DIGÉP and the urban rail corridor

Urban industrial renewal

DAM and DIGÉP provide sites for modern production

Engineering and skills

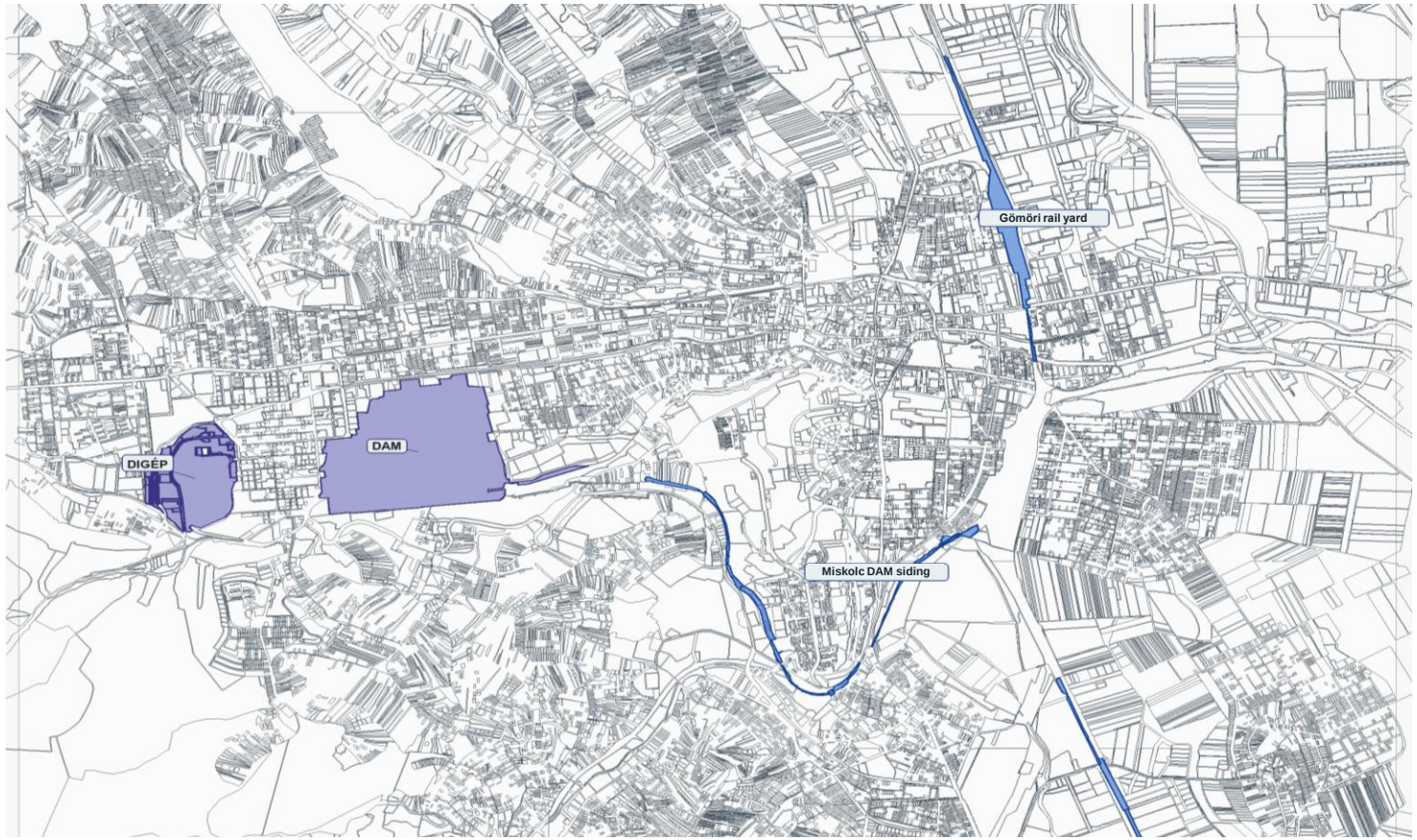
Mechatronics, applied research and the University of Miskolc

Connections

Rail sidings and existing urban energy infrastructure

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DAM: phased renewal of an urban industrial site



DAM and neighbouring DIGÉP, Miskolc

128.6 ha

urban brownfield at DAM

Phased redevelopment

Clean manufacturing
Mechatronics and suppliers
R&D and demonstration

Preparation priorities

Ownership, remediation, utilities and rail access

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University of Miskolc: skills and applied research

UNIVERSITY OF MISKOLC

The Valley Plan's knowledge, training and R&D partner

University expertise	Contribution to the Valley
Materials and chemical engineering	Green steel, chemical processes, new materials and industrial circularity
Mechanical engineering, electrical engineering and IT	Electrification, automation, mechatronics, digital production and logistics
Earth and environmental sciences	Geothermal energy, water management, brownfield assessment and monitoring

Planned delivery with employers and vocational education

Short training modules and dual education, joint demonstrations, laboratory testing and technology transfer

Set-up and governance of the Valley

Preparation and national process

December 2025

22 municipal declarations of intent

19 March 2026

Government Decision1094/2026

Autumn 2026

Valley Plan and SEA Partnership of 29 municipalities

30 November 2026

Designation proposal deadline

Planned delivery model

National government and contact point

National measures and authority coordination

Valley Management Office

Miskolc and the Miskolc Development Centre: project intake and local coordination

Valley Council

Municipal priorities and consultation

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The Valley Plan: implementation in 2027–2035

Period	Planned work
2026 preparation	Complete the plan and SEA process, parcel annexes, project criteria and national designation preparation
2027 launch	Start the Management Office, project pipeline, baseline reporting and targeted training cooperation
2028–2030 delivery	Prepare shared infrastructure and advance industrial, brownfield, geothermal and rail projects
2031–2035 continuation	Continue investment delivery and update the programme using annual monitoring and project maturity

Delivery follows project readiness, permits and financing

Hydrogen, CCU/CCS and the southern growth option require further studies and decisions

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Support measures for investors and the workforce

Support area	Planned Valley measure	Delivery route
Infrastructure and land	Coordinate grid, water and rail capacity. Prepare brownfields and utility connections.	Public bodies, utilities and site owners
Private investment	Screen projects, clarify permit pathways and prepare financing applications.	Management Office and national contact point
Reskilling and upskilling	Match employer needs with short courses, dual education and applied projects.	University, vocational training and employers
Online access and transparency	Publish maps, site data, project guidance and environmental information.	Valley website and Management Office

Financing approach

Combine national and EU support, utility investment and private capital.
Funding remains subject to project eligibility, programme decisions and aid rules.

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Environmental improvement and local opportunity

Project entry conditions

Fit with the defined sites and NZIA scope
Evidence of lower environmental impacts
Feasible utility and transport connections
Required permits and annual project data

Annual monitoring from a 2026 baseline

Energy use and greenhouse gas emissions
Local renewable energy and rail freight
Air quality, noise, water and land reuse
Jobs, training and supplier participation

7,015

registered jobseekers in the 29 municipalities
June 2026 baseline for targeted skills measures

Programme boundary: new battery-technology manufacturing is excluded.
Battery storage may serve industrial energy supply and grid flexibility.

Contribution to Europe and cooperation priorities

What Bükk–Sajó brings

An NZIA strategic steel project connected to regional suppliers

Industrial brownfields and engineering capabilities for clean manufacturing

A university and municipal partnership linking industrial transition with local skills

Cooperation with other Valleys

Supplier partnerships and joint industrial demonstrations

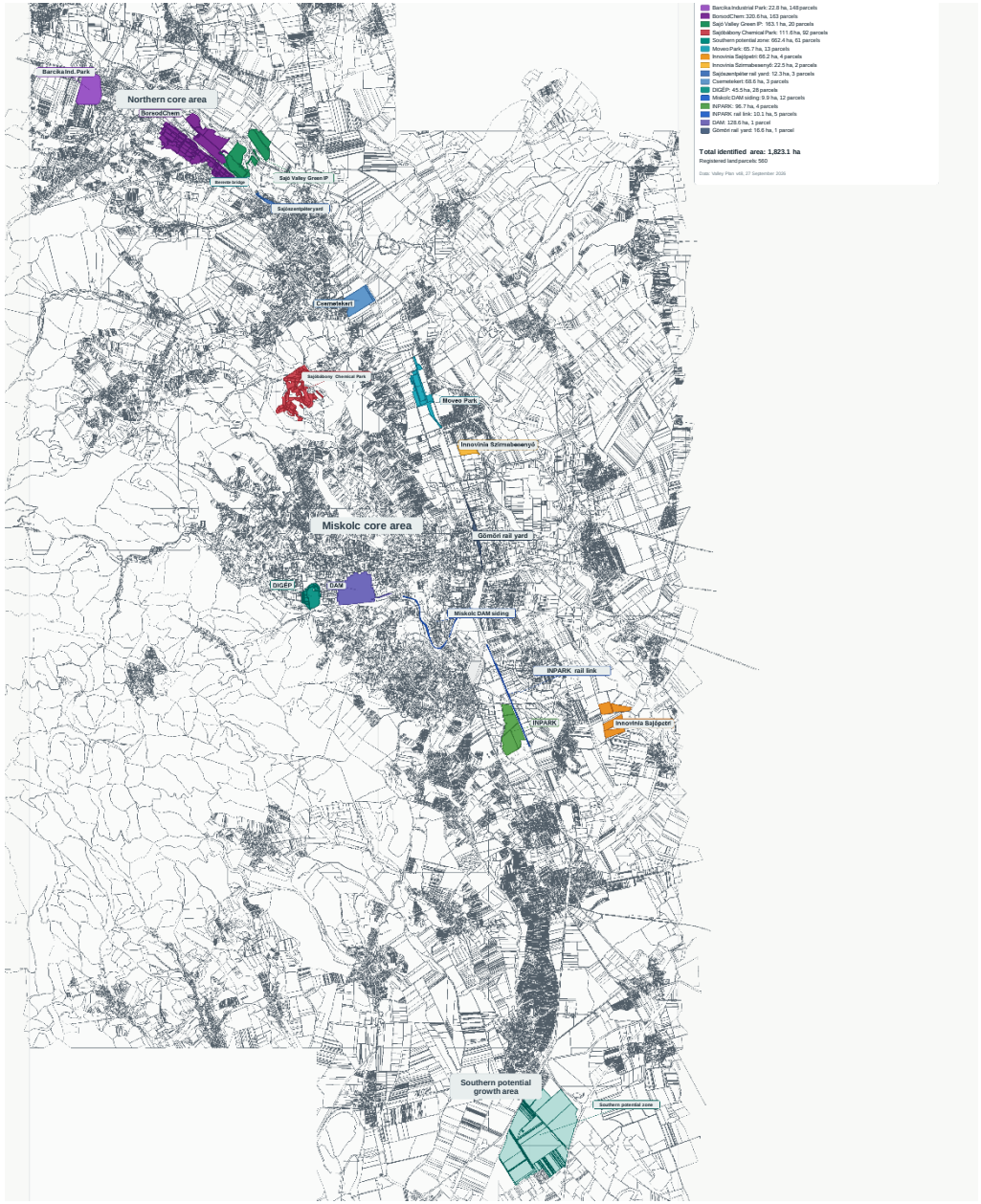
Exchange on project coordination, brownfield reuse and skills programmes

Project preparation and financing for infrastructure serving several investors

Bükk–Sajó Net Zero Acceleration Valley, Hungary

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