



MANNVIT

Mannvit

Engineering & Consultancy Services

Renewable energies

Industry & infrastructure

International engineering consultancy company

- Project Management
- Renewable Energies
- Engineering Design
- Geoscience
- Procurement
- Construction Management
- Research & Development

Branch offices worldwide

- Mannvit Hungary
- GTN, Germany
- Vatnaskil, Iceland

Management Systems certified:
ISO 9001, ISO 14001, OHSAS 18001

GREENLAND

ICELAND

NORWAY

GERMANY

HUNGARY

CHILE



FS 551557



EMS 567779



OHS 567778

CONSULTING ENGINEERS
VATNASKIL

Vatnaskil
Land & Water Resource Consultants Ltd

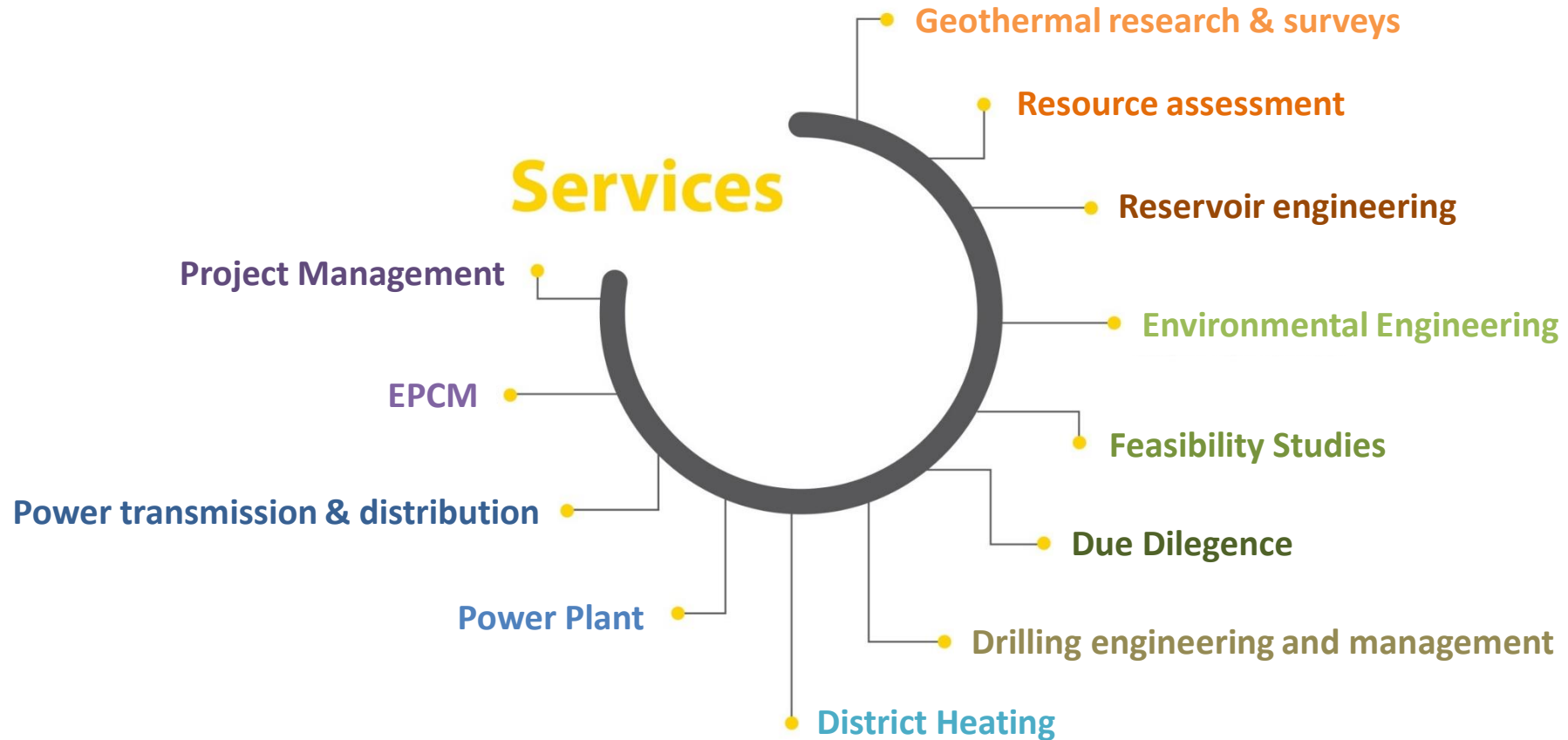
GTN LA
INGENIERIA & GEOLOGIA

GTN
INGENIEURE
& GEOLOGEN

MANNVIT
HUNGARY

Over 50 years of experience in Geothermal energy

Services



Geothermal Power Plant Projects



Hellisheiði

Geothermal Power Plant in Iceland

Size: 303 MWe, 400 MWt

Project Cost: 1.000 m €

Year: 2002 - 2011

Role: Lead design



Tura, Hungary

Geothermal CHP Plant

Size: 1,8 MWe, 5 MWth

Year: 2016 - 2017

Role: EPCM
Project management, Geological and geophysical studies, Field development plan, Licensing and permitting, Well testing



Szentlőrinc, Hungary

Geothermal District Heating Plant

Size: 3,2 MW

Year: 2007 - 2010

Role: EPCM
Geological and geophysical studies, Licensing and permitting, Well siting, design and testing, Drilling supervision, Reservoir modeling, System design

Energy Projects in Hungary



Velika Ciglana, Croatia
Geothermal Power Plant

Client

Turboden / MB Holding

Services

- On-site surveys
- Basic design of the geothermal system for the 16 MW power plant
- Detail design



Unterhaching
Geothermal cogeneration plant

Client

Geothermie Unterhaching

Services

- Design and construction management of the thermal water loop
- Monitoring
- Upgrading of the well



Berlin – German Parliament
Extension of the Marie-E.-Lüders Building

Client

Gbr Planungsbüro Rohling AG

Services

- Concept for a 3.60 MW cogeneration plant and a 2.40 MW emergency power supply system
- Design and construction management

R&D and Research Projects



DARLINGe

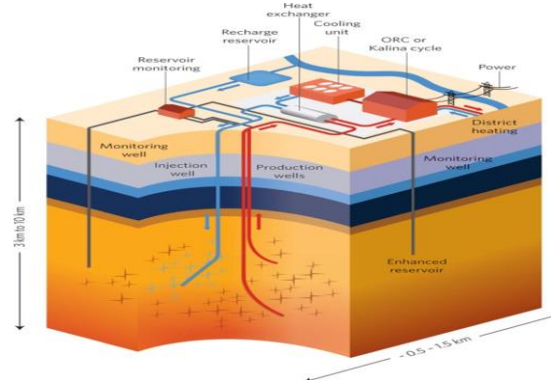


*Danube Transnational Programme
Associated Strategic Partner*

Client

Co-funded by European Union funds
(ERDF, IPA, ENI)

- 15 partners from 6 countries
- State of Art evaluation
- Web Portal Danube Region Geothermal Platform
- Transboundary Action Plan



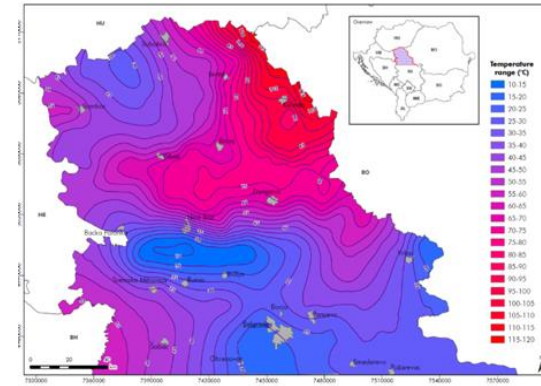
SHDP-EGS

*R&D – Enhanced geothermal ORC
powerplant technology*

Client

European Union funds

- Drilling design for 3500 m deep wells
- Enhanced reservoir creation
- 170°C geothermal fluidum
- ORC technology 12 Mwe planned



Serbia & Ukraine

*Country wide studies and
Pilot project case studies*

Client

KfW DEG, Köln
REU – Renewable Energy Ukraine

Services

- Geological/technical/infrastructural analysis, site selection
- Site studies for pilot project sites, several town

Thank you for your attention

www.mannvit.com

www.mannvit.hu

www.gtn-online.de

www.vatnaskil.is