

REPOWER

U K R A I N E

GEN TEC®

Investment Project



GEN TEC CHP
WE CHANGE
POWER TO
ENERGY

Agenda

01

Investment in Ukrainian Energy

Strategic opportunities in
decentralized power generation

02

Main Project Parameters

Technical specifications and
capacity details

03

Location Schema

Geographic distribution and
site selection

04

GENTEC Ukraine

Czech-Ukrainian joint venture structure

Investment in Ukrainian Energy

This investment project will contribute to Ukraine's energy stability while ensuring cost-effective delivery of heat and electricity through advanced cogeneration technology.

The project focuses on developing and operating a network of decentralized electricity and heat generation sources using cogeneration units from GENTEC CHP Czech Republic.

The presented business model for cogeneration unit networks represents an attractive investment opportunity with a payback period of **3-4.5 years** and strong long-term returns.





Main Project Parameters

Pilot Capacity 30 MW

planned total installed capacity (5-10 MW per location)

Lease Terms 10 years

with landowner, option to extend for additional 5 years

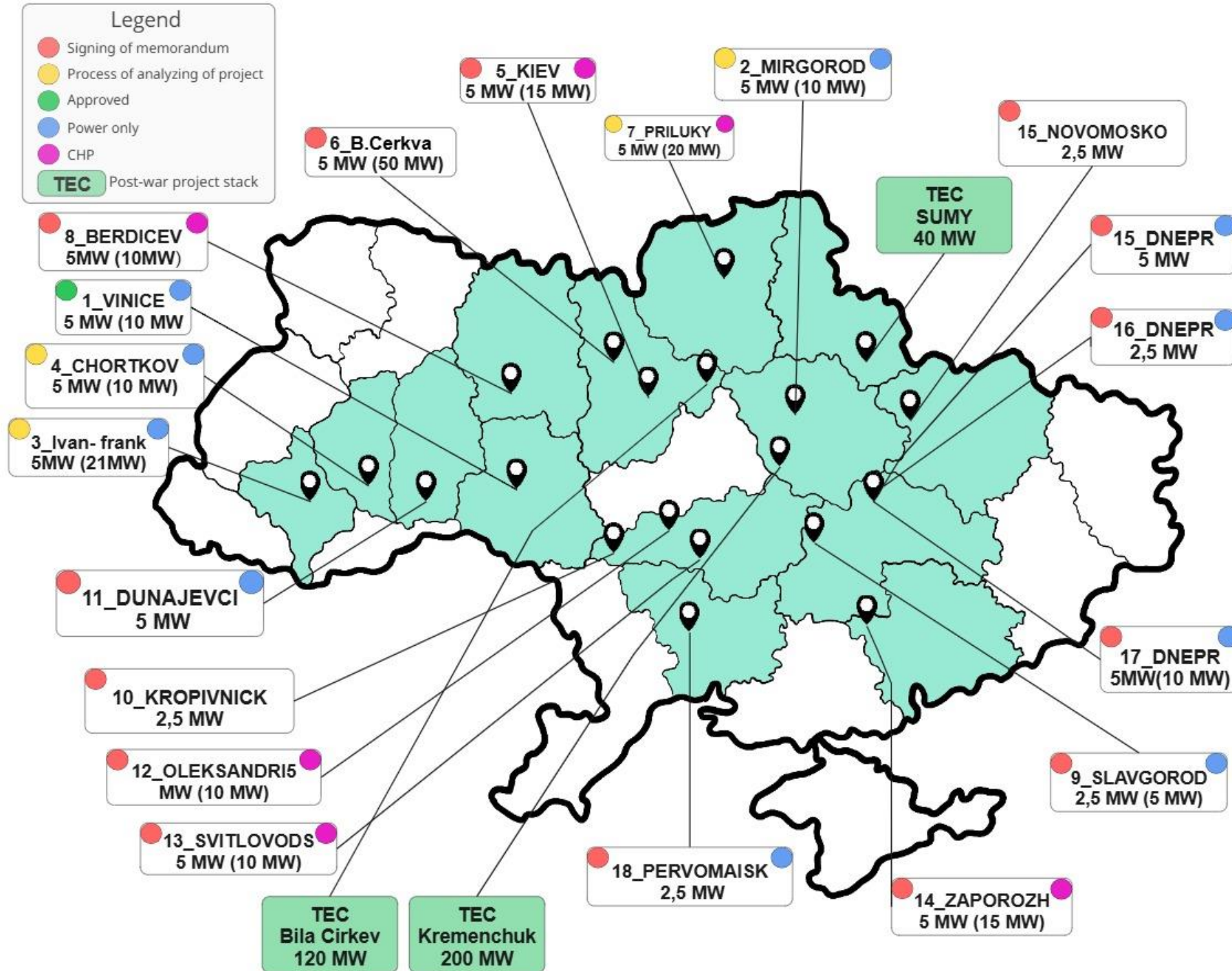
Expansion Phase 100MW (150MW)

expansion following successful pilot results

ROI 3-4.5 years

broad territorial coverage, security measures

Location Schema for CHP Units



Current Pool of projects: 20 identified locations with total capacity of **100-200 MW** across strategically selected sites in Ukraine

Sites have been carefully evaluated based on access to infrastructure, security considerations, and economic viability to ensure optimal project performance.

Pilot Project: **Vinice**

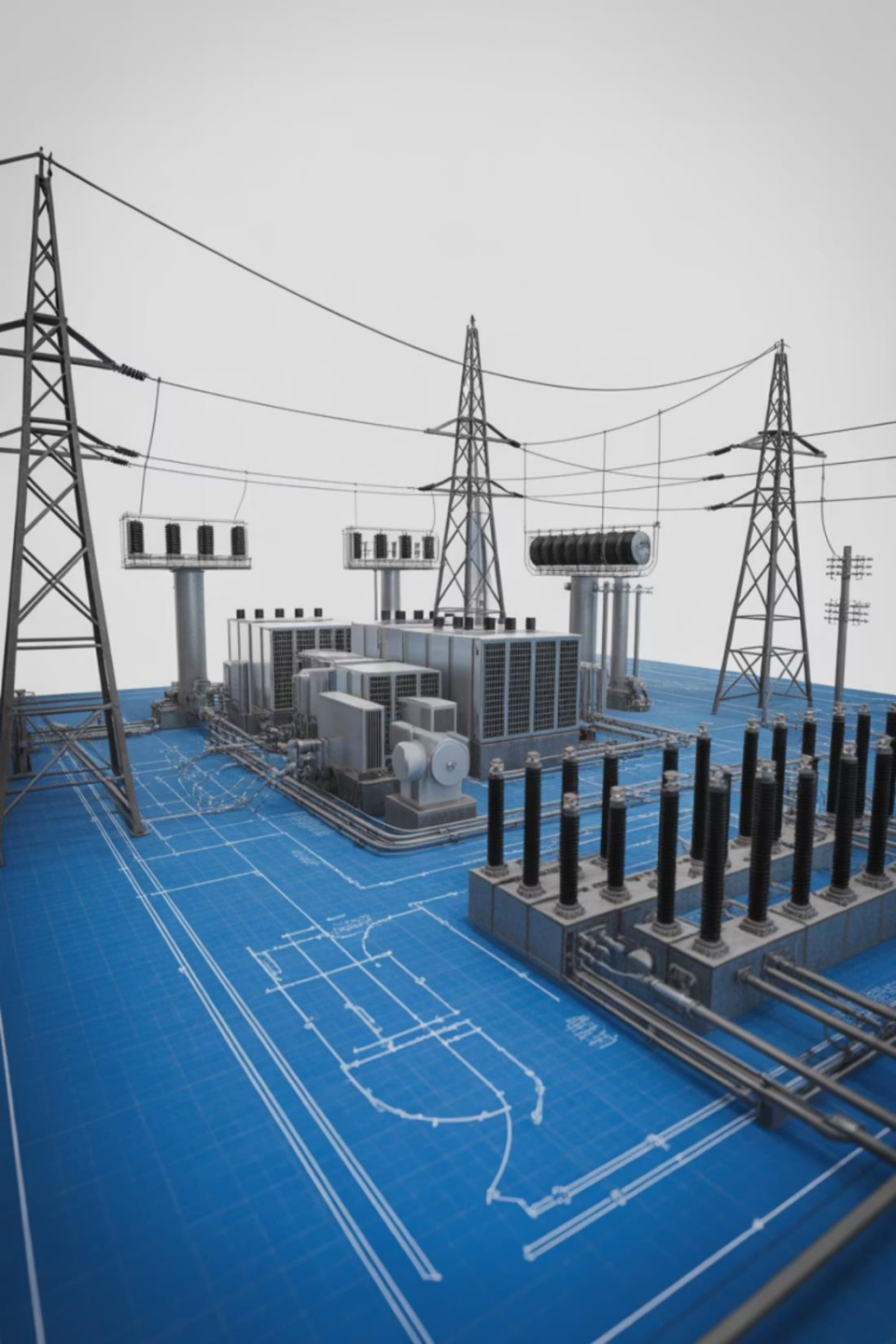
Project Goal

Installation of **5-10 MW** cogeneration units for high-efficiency electrical energy production from natural gas. Electricity will be sold to the grid; heat will not be utilized due to absence of local consumers.

Location & Technology

Strategic site with access to gas pipeline and electrical grid, ensuring continuous operation with security measures. **MTU-based GENTEC CHP technology** with 2x2.5 MW capacity, expandable up to 4x2.5 MW.





Technical Audit Results, Vinice project

Based on survey results, the site has been deemed suitable and recommended for placement of cogeneration units with total capacity of **10 MW**. The commission acknowledges technical readiness for project implementation at this location, ensuring efficient utilization of local resources for electricity production and regional infrastructure development.

This site meets requirements of the **GENTEC RePOWER Ukraine** business project, part of the national program for creating a network of decentralized electricity generation sources.

Project Timeline



Phase 1: Preparation & Financing

1 month | Post-MOU site survey and due diligence of VMG PODILLJA (IKNET). Document collection, technical/legal audit, feasibility assessment, CAPEX/OPEX definition, and business plan preparation for MND and GENTEC investor approval.

1

Phase 2: Ukrainian Entity Formation

2 months | Establishment of Ukrainian SPV or JV (OOO) to obtain operational permits and serve as purchaser of cogeneration units (20% customs duty exemption through end of 2025).

2

Phase 3: Contracts & Permits

4 months | Land lease agreement with VMG PODILLJA, designer and general contractor contracts, technical conditions for gas/electricity connection, project work completion, land use change (code 14.01), municipal permits, and grid connection agreement with TARGET trader.

3

Phase 4: Construction & Inspection

6 months | Post-project completion, unit ordering and manufacturing, engineering-geodetic and geological surveys, construction commencement, site preparation, utility connections, technical inspection, and construction completion.

4

Phase 5: Delivery & Commissioning

7-8 months | Cogeneration unit delivery, installation and commissioning. Connection to public network via ASKOJA automatic control system (using VIRTUEL/AGGREGATT software) and commercial launch on RDN, BR, DP markets. Service agreement signing with local partner (MADEK).

5

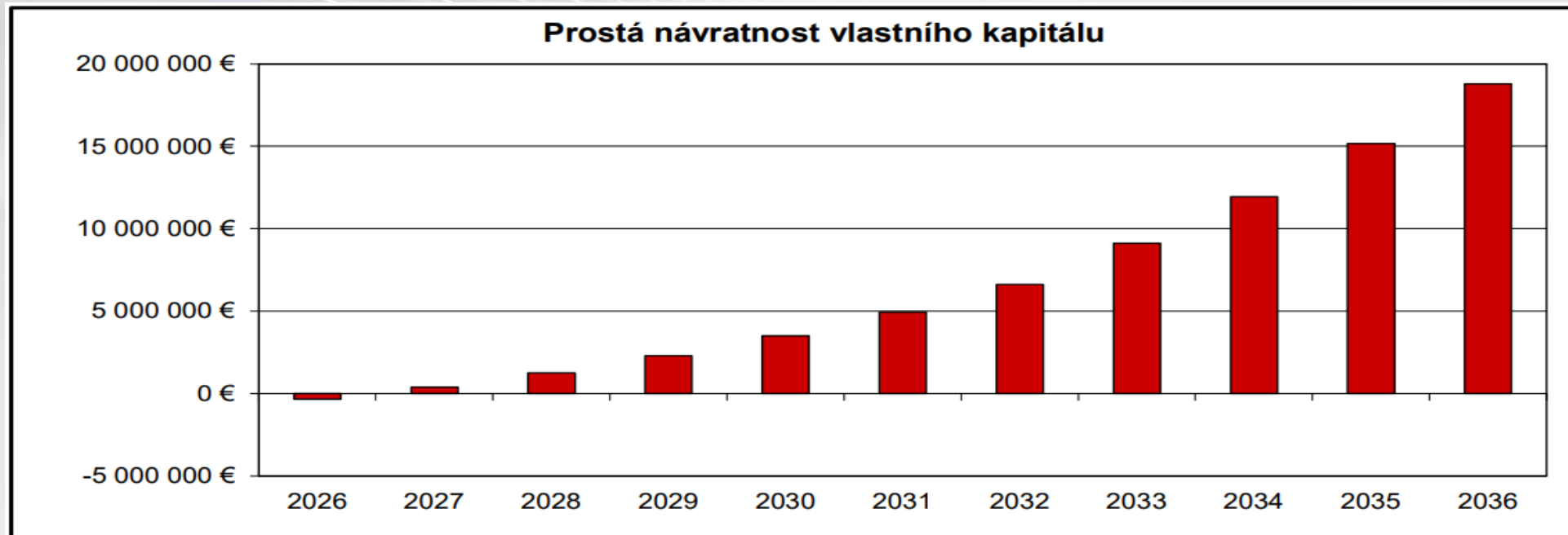
Economic Project Evaluation

Technical Solution: **2 x 2.5 MW**



Day market + balancing without heat utilization

Financial modeling demonstrates strong revenue potential through day-ahead market participation and balancing services, with consistent cash flows supporting rapid payback periods.



Czech-Ukrainian Joint Venture

Operational Structure



The Czech-Ukrainian joint venture SPV will supply GENTEC cogeneration units at its own expense and cover all project costs including technical design, grid connection, and gas infrastructure integration.

The SPV will manage operational expenses for maintenance, service, and fuel (natural gas), obtain necessary licenses, and sell generated electricity and heat to the grid.

This integrated approach ensures efficient project delivery and streamlined operations across all locations.

Key Partners

REPOWER
U K R A I N E

Our commitment to excellence is reflected in our strategic partnerships with leading industry organizations



Thank You

GENTEC RePOWER Ukraine Team

We look forward to partnering with you to build Ukraine's energy future through innovative cogeneration solutions.

gentec@gentec.cz

WWW.GENTEC.CZ/EN

