CROATIAN GEOTHERMAL POTENTIAL

Development and application of geothermal energy in the Republic of Croatia

Ljiljana Zornjak

Head of Geothermal Potential Development Department at CHA

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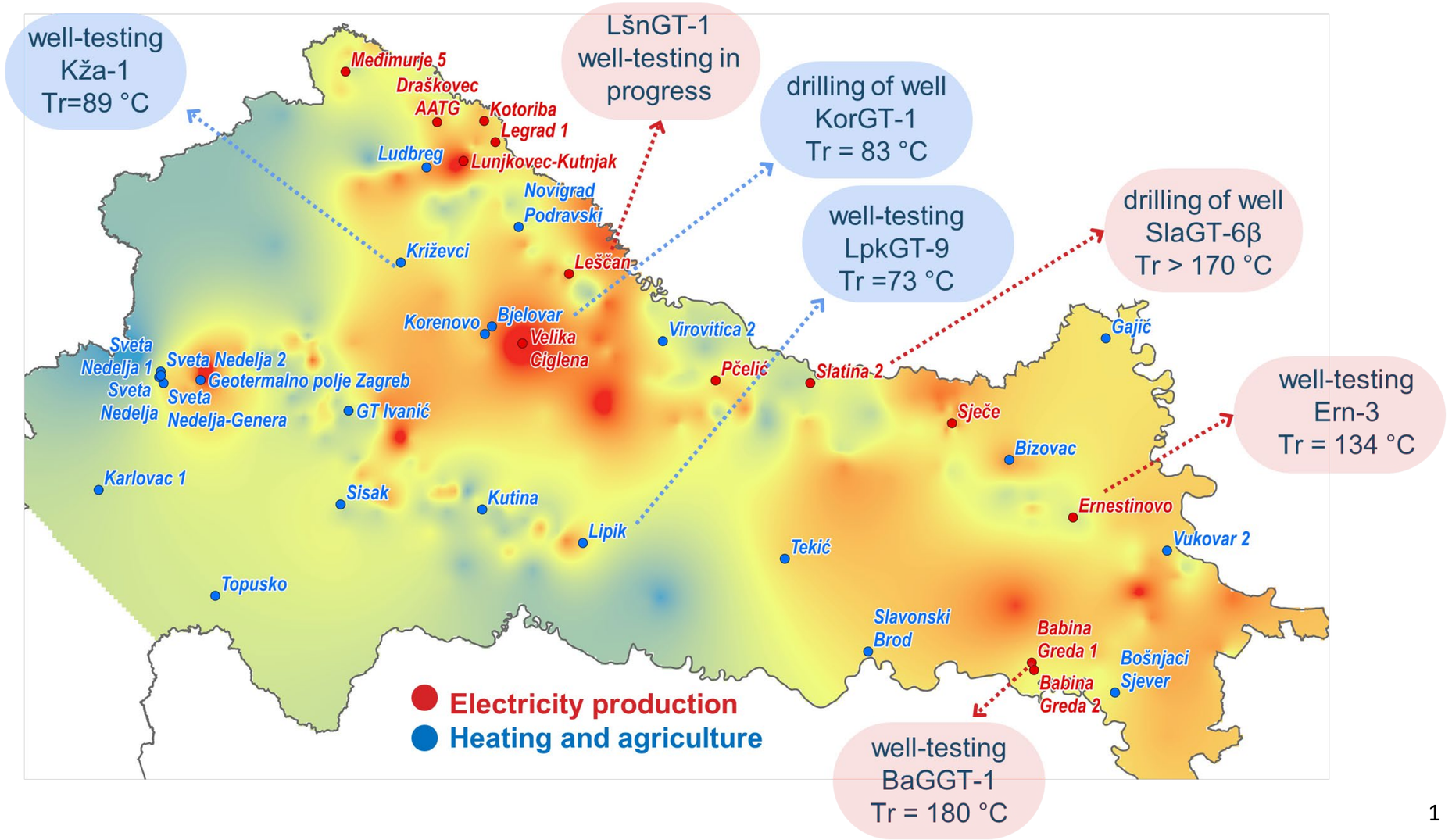
CROATIA'S GEOTHERMAL PORTFOLIO: RESULTS OF EXPLORATION ACTIVITIES IN 2024-2026

22 Exploration blocks

14 Exploitation fields

KEY ACTIVITIES IN 2024-2026

- Successful transformation of potential into projects
- Six commercial discoveries

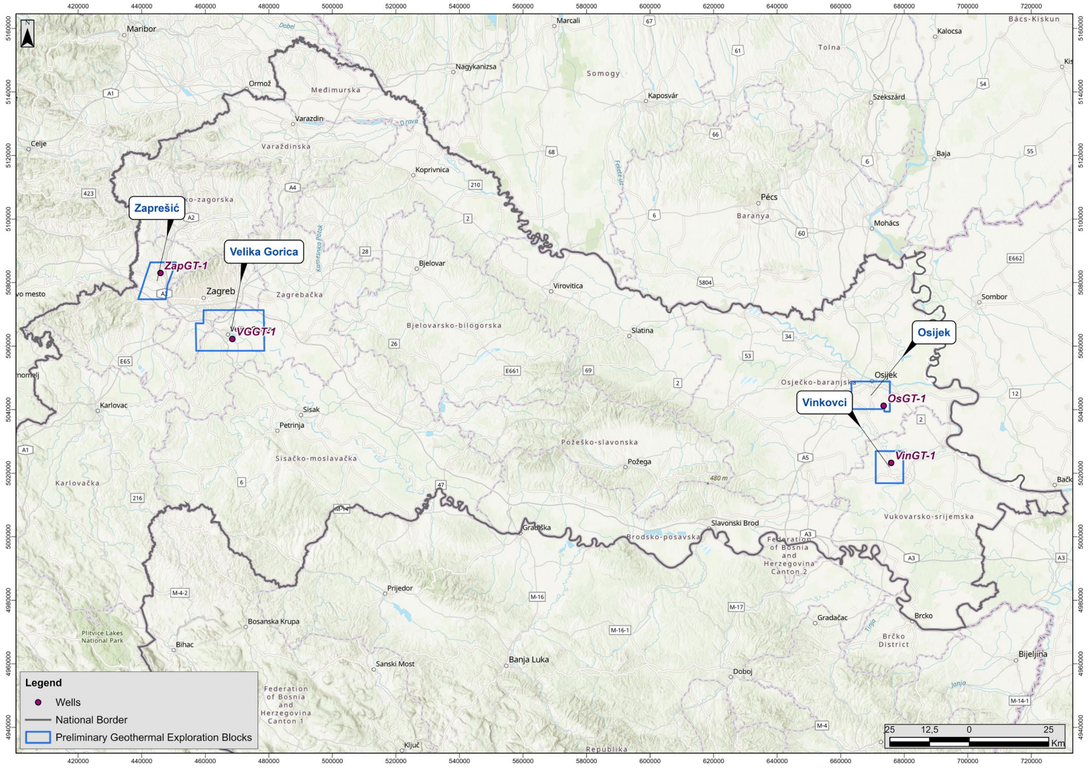


GEOTHERMAL ENERGY FOR DISTRIC HEATING

MOVING ON - COMPETITIVENESS AND COHESION PROGRAMME 2021–2027

Preliminary exploration areas:

Cities with exsiting district heating network



MAP: Four preliminary exploration areas

CHA conducts exploration works and activities to activate the significant geothermal potential and implementation of geothermal projects

PROJECT GOAL	PROJECT SCOPE	PROJECT BUDGET
Implementation of geothermal energy in local communities - 4 preliminary exploration areas	Drilling 4 geothermal wells Testing Intereference test on pair of wells	30 million EUR

LAW FOR EXPLORATION AND EXPLOITATION OF ENERGY GEORESOURCES

THE LAW AS A FOUNDATION FOR MODERNISING THE ENERGY SECTOR AND ACHIEVING CROATIA'S STRATEGIC SUSTAINABLE DEVELOPMENT GOALS

INTEGRATED ADMINISTRATIVE PROCEDURES → faster permitting
TRANSITIONAL PERIOD → a strictly limited mechanism to complete ongoing works and administrative procedures between exploration and exploitation.

SIMPLIFIED PROCEDURES FOR FARMERS → simplified, tender-free geothermal water permits

FAST-TRACK PERMITTING THROUGH NEW MECHANISMS FOR REACTIVATION → allowing HC exploitation field holders to request a change of purpose (e.g. from CH to geothermal w.) without a public tender, encouraging the conversion of existing wells for geothermal energy exploitation or other uses.

SUPPORT FOR INNOVATIVE AND PILOT PROJECTS → promoting synergies between geothermal waters and other energy georesources



CHA

CROATIAN HYDROCARBON AGENCY

Contact us anytime!

Contact:
Croatian Hydrocarbon Agency
Miramarska cesta 24
Zagreb, Republic of Croatia

info@azu.hr
www.azu.hr