

Decoding the Earth's Deep Desalination Engine

A geological paradigm shift in renewable freshwater
generation via extinct magmatic chambers.



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The Hidden Global Water Cycle

Conventional Hydrology



Freshwater relies exclusively on atmospheric precipitation, surface runoff, and finite shallow aquifers heavily vulnerable to climate change.

Our research reveals a previously undocumented, self-sustaining freshwater generation mechanism actively functioning beneath 17 global sites.

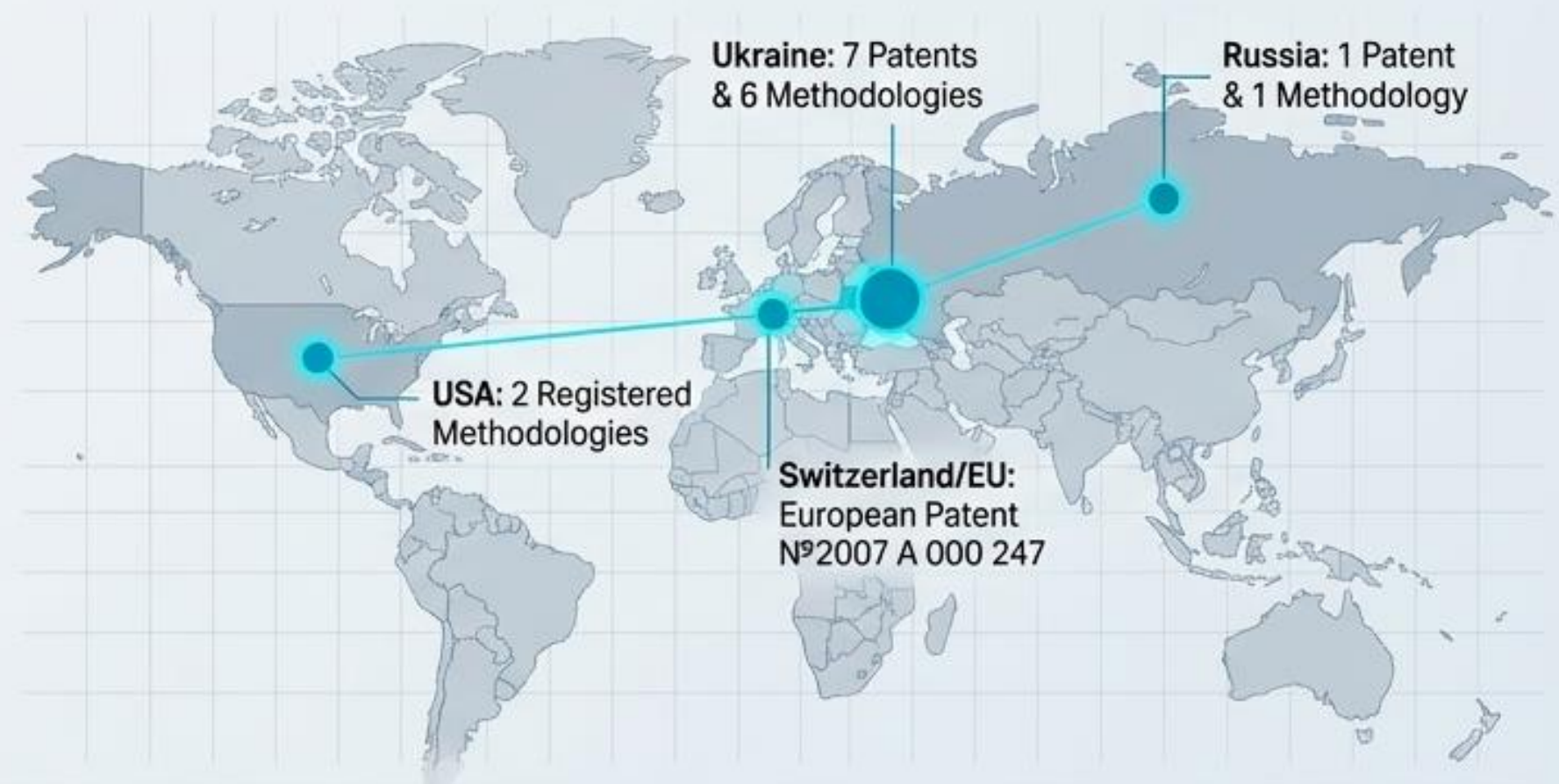
Deep-Earth Desalination



Extinct coastal volcanoes act as massive, continuous desalination plants, converting seawater into vast, renewable underground freshwater rivers.

The 'Poisk' Complex & Global Validation Footprint

The remote resonance-test complex "Poisk" uses advanced remote sensing (Earth remote sensing) and proprietary field equipment to accurately map underground resources—
—from hydrocarbons to deep-water aquifers—without false positives.



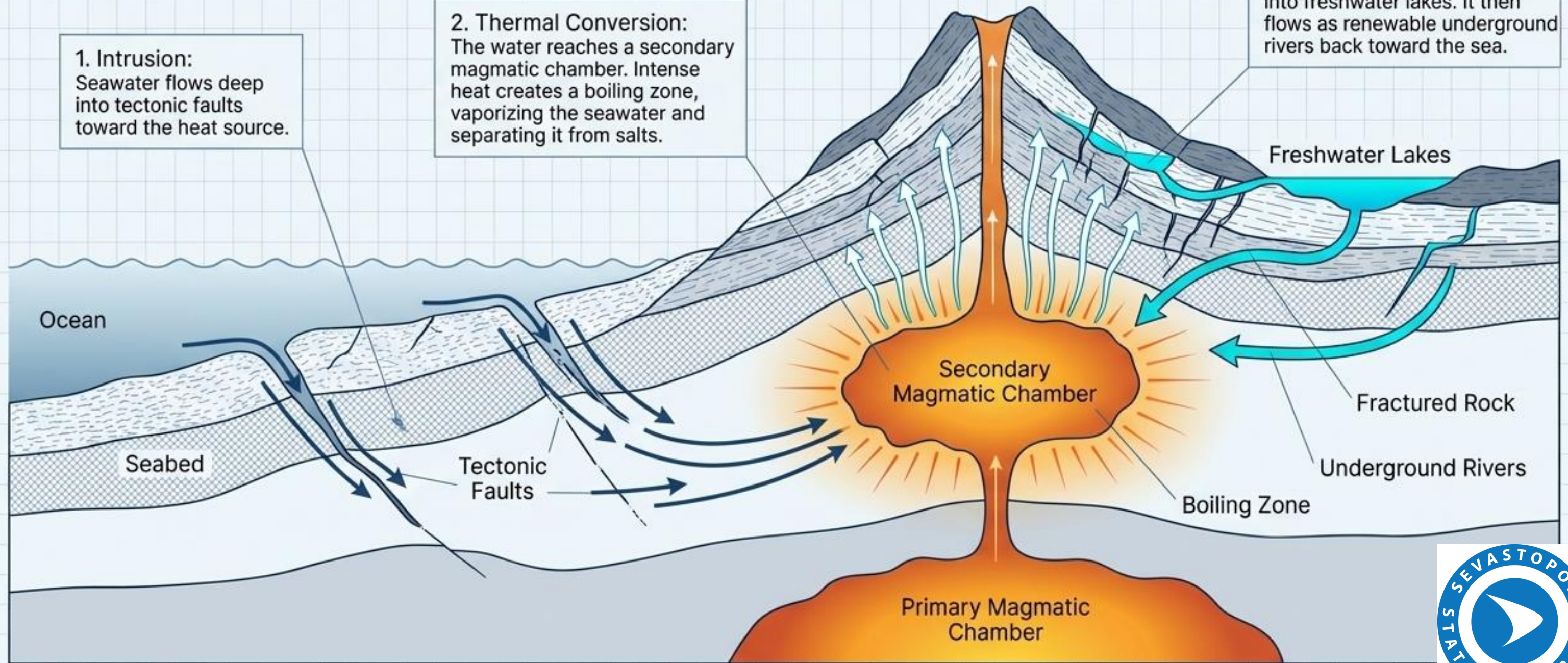
A globally vetted, patented methodology applied successfully across Eurasia, Africa, and the Americas.

The Mechanism: Subterranean Thermal Conversion








1. Intrusion:
Seawater flows deep into tectonic faults toward the heat source.

2. Thermal Conversion:
The water reaches a secondary magmatic chamber. Intense heat creates a boiling zone, vaporizing the seawater and separating it from salts.

3. Condensation & Flow:
Pure steam rises, hits cooled fractured rock, and condenses into freshwater lakes. It then flows as renewable underground rivers back toward the sea.

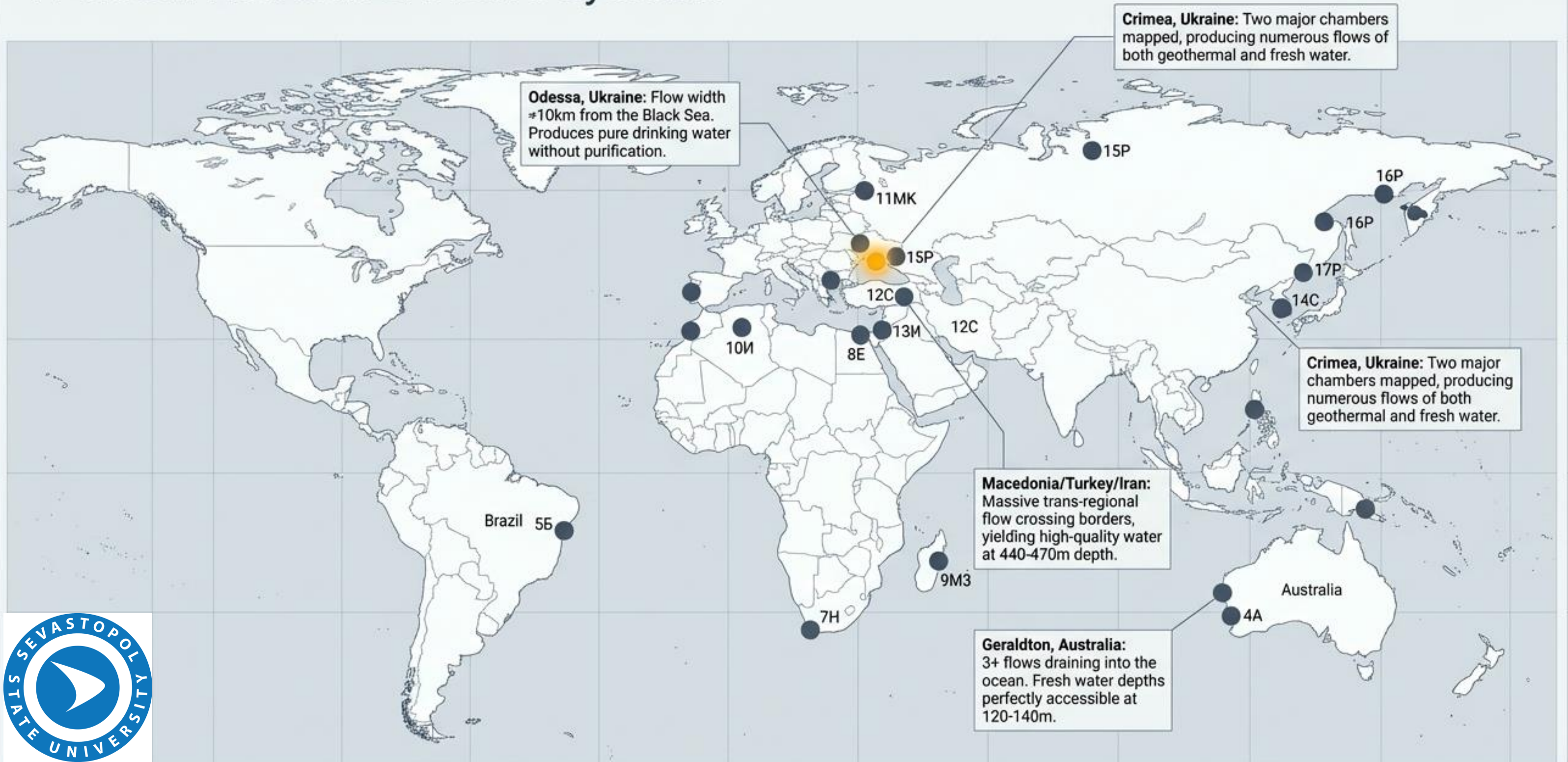


Output Diagnostic Matrix: The Two Water Profiles

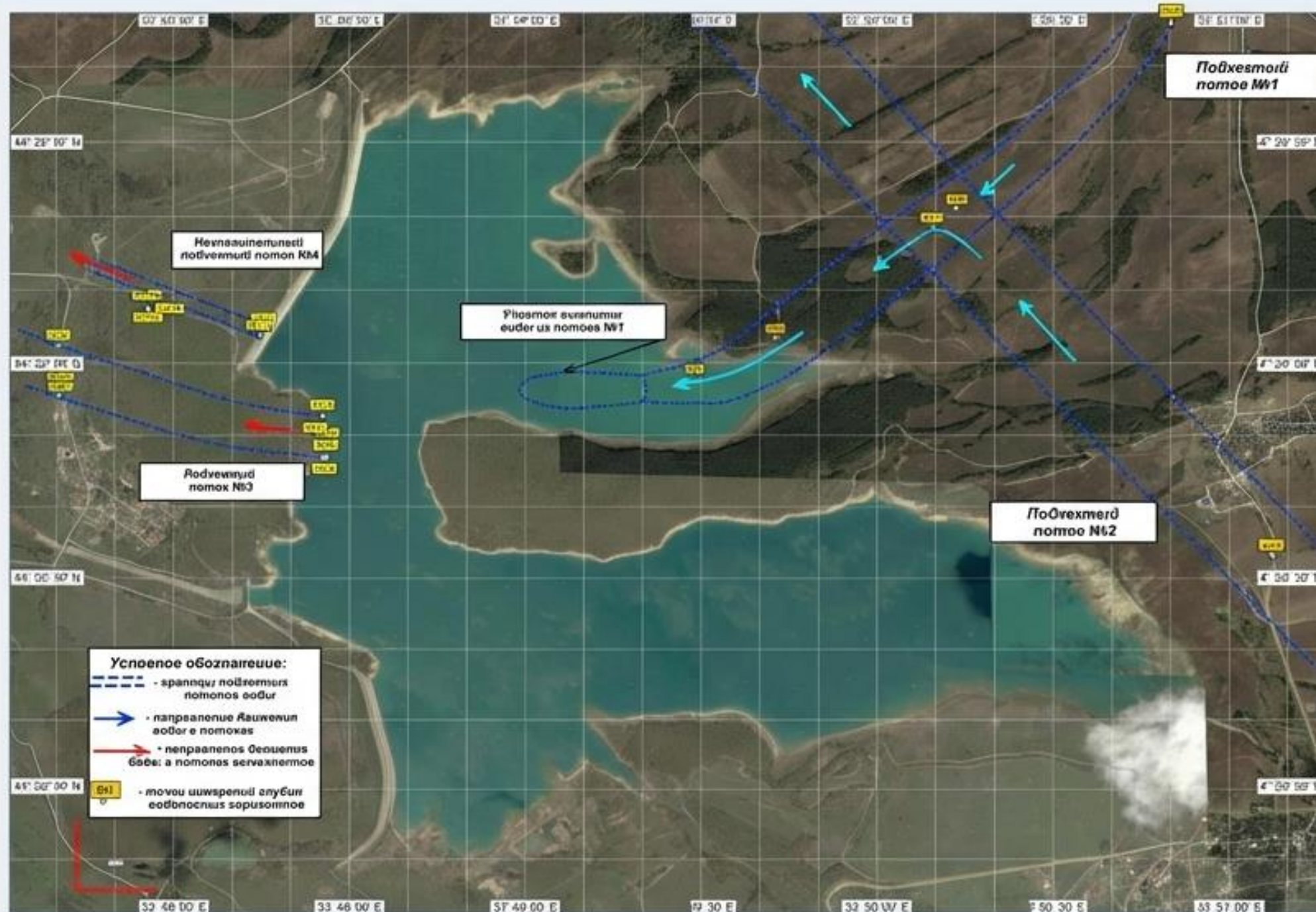
Geothermal Salt Water (Deep Resource)	Underground Fresh Water (Shallow Resource)
 Depth Profile: 1,000m - 1,100m (and extending >2000m globally)	 Depth Profile: 400m – 500m (easily accessible)
 Thermal Output: Extreme heat, $t = 56\div 86^{\circ}\text{C}$	 Quality: Exceptional. Potable immediately upon extraction.
 Pressure: Excess head reaching $12\div 15 \text{ kg/cm}^2$	 Characteristics: Requires absolutely NO purification. Condensation creates essentially distilled water that mineralizes optimally as it flows through subterranean rock.
 Characteristics: High-pressure hot saline flows (rapa), highly valuable for geothermal energy extraction but unsuited for direct agricultural use.	

Both outputs are continuous and renewable, driven by the permanent thermal engine of the extinct secondary chamber.

A Global Network of Active Systems



Precision Mapping: Chernorechenskoye Reservoir



The "Poisk" methodology allows us to map the precise boundaries, depth, and direction of subterranean flows with pinpoint accuracy, enabling targeted, high-yield municipal drilling with zero guesswork.

Strategic Imperative: Sustainable Municipal Integration



Municipal Supply

- Integrate these renewable resources into the official global water cycle balance.
- Actively deploy extraction for agricultural needs and primary drinking water for Crimean cities.



Tourism & Health

Utilize the 56÷86°C high-pressure geothermal flows (12-15 kg/cm²) to provide sustainable hot water and heating for tourism, sports, and health complexes.



Ecological Protection

Implement strict regulatory protections. These pristine, natural distillation engines must be safeguarded from contamination and salinization caused by regional hydrocarbon drilling operations.

VERSATILITY OF APPLICATION



HYDROCARBONS

- Oil
- Gas
- Condensed



PRECIOUS METALS AND BASES

- Gold
- Copper
- Lithium
- Nickel



STRATEGIC

- Uranium
- Diamonds
- Coal



WATER RESOURCES

- Drinking Water
- Underground
- Geothermal

The technology eliminates false positives by identifying the specific type of mineral.



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