


1 Introduction

— Who We Are

TectoHash is building a new synergy between autonomous geothermal power generation and modern data centers — located close to  volcanic zones.

We believe geothermal energy can drive both local development and global digital infrastructure.

3 The Solution — Local Energy and Data Use

We propose:

- ◆ Small (10 MW) autonomous geothermal plants
- ◆ Directly connected on-site data centers (crypto mining, AI, cloud storage)

No long-distance transmission — just efficient, local energy use.



No export. No grid loss. Just Value!

5 Why El Salvador — Leading Energy and Innovation

El Salvador already leads in geothermal power with Berlin and Ahuachapán fields.

Volcano Energy, supported by  Tether and  Luxor, has launched a \$1B renewable energy project here.

Success in precise site selection can open a new wave of sustainable investments.

7 Future Vision — Long Term Impact

If the pilot succeeds, it will unlock pathways for future autonomous geothermal projects.

Sustainable energy + new infrastructure = long-term economic value for El Salvador.

 **We invite you to join this journey!**

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YOU

2 The Problem — Energy Far from Demand



Most geothermal resources are located in remote volcanic areas.

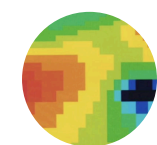
Building power lines and roads across mountains is difficult and expensive. **Yet, data centers need stable, 24/7 energy, not grid connection.**

4 Key Step — Precise Site Selection

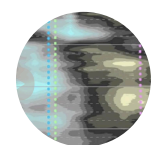
The success depends on finding the right drilling sites.

- ◆ We combine Magnetotelluric (MT) imaging with advanced Microseismic (MS) imaging.
- ◆ MT identifies potential heat zones.
- ◆ MS refines fracture zones and permeability.

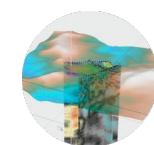
Accurate exploration means better investment decisions.



MT



MS



3D

6 Our Proposal — Pilot Collaboration

We propose a fully funded microseismic study at Berlin or Ahuachapán fields.

Goals:

- ◆ Validate microseismic precision
 - ◆ Compare with existing MT data
 - ◆ Identify the most promising drilling targets
- Results will be shared openly with LaGEO.

