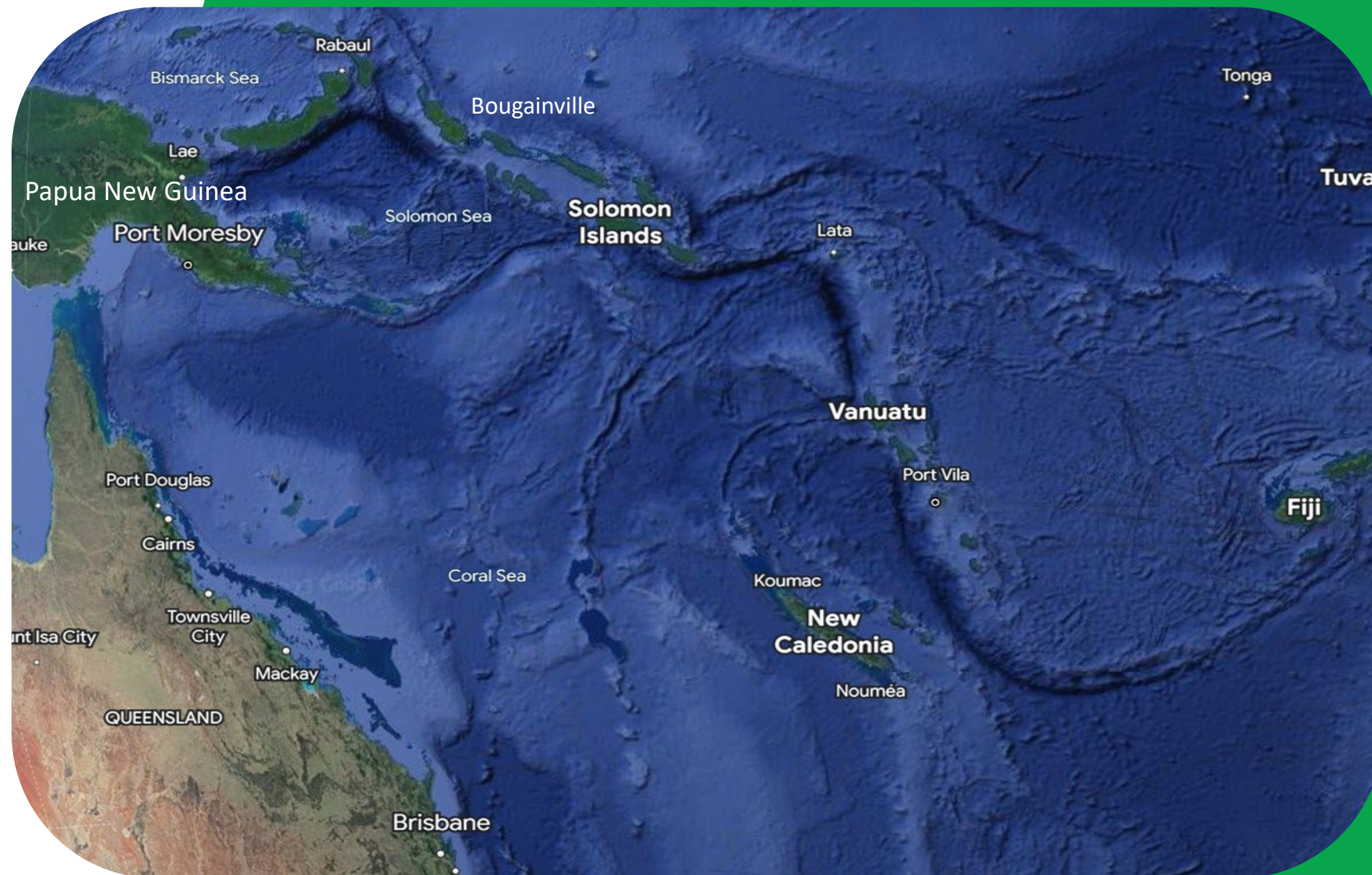


STELLAE ENERGY

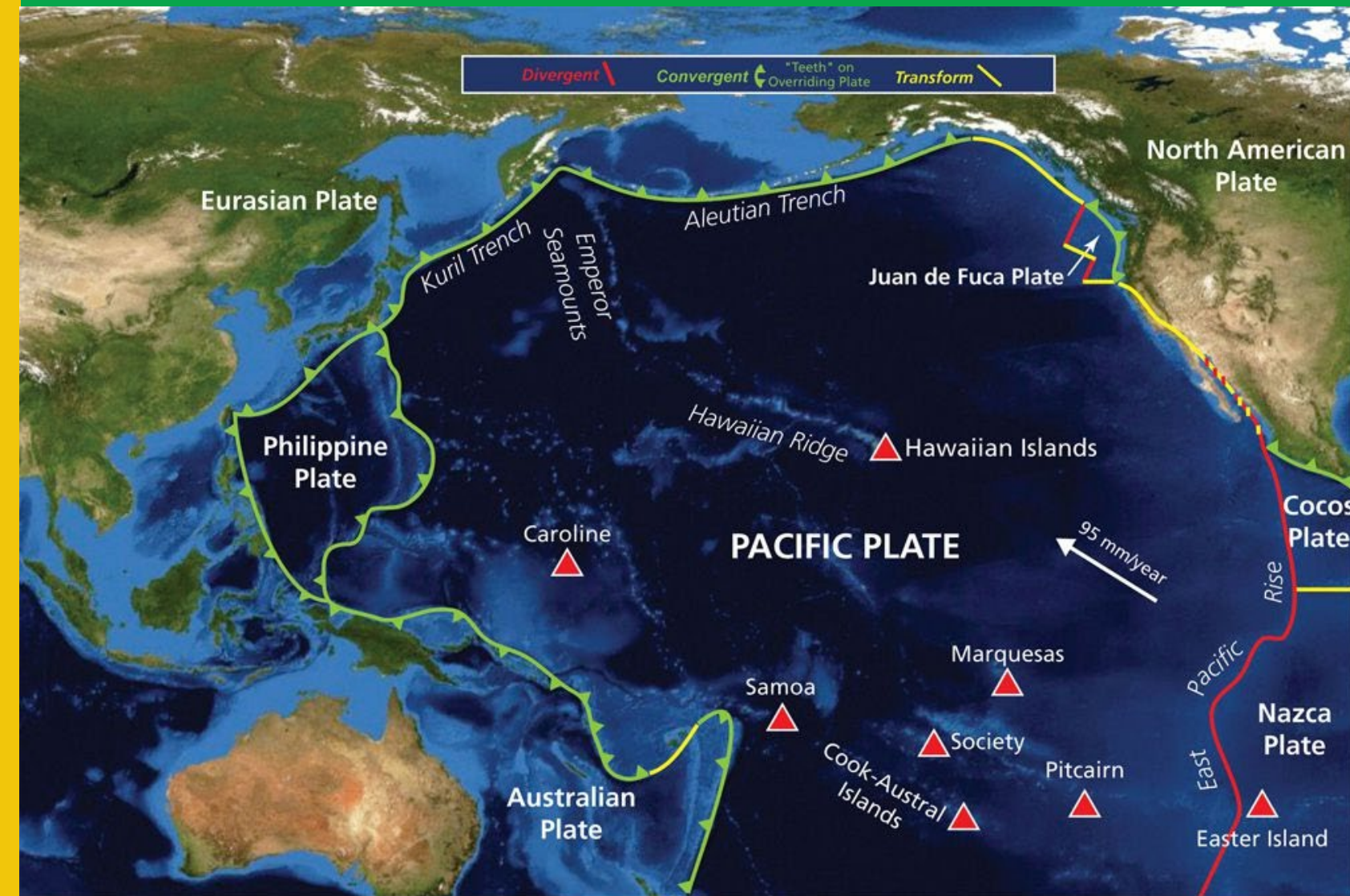
**BUILDING A SUSTAINABLE FUTURE IN
WESTERN TROPICAL PACIFIC**

Geothermal Pitch Deck



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INTRODUCTION TO STELLAE ENERGY

We are a UK-based **energy transition** company with a **highly experienced team** focused on geothermal projects in the **Western Tropical Pacific**. In 2023-2024, we have signed **three MOUs with the governments of Vanuatu, Solomon Islands, and Bougainville** in Public Private Partnerships to license and develop geothermal resources. In 2025, we agreed locations in **Bougainville** and additional locations in **Papua New Guinea**. The company is currently **seeking equity** investment for **five high-reward initial projects**.



US\$2 Billion Value
Green Energy
Experienced Team
Local Partnerships



CORE TEAM



AB
CFO



DAVE
CEO

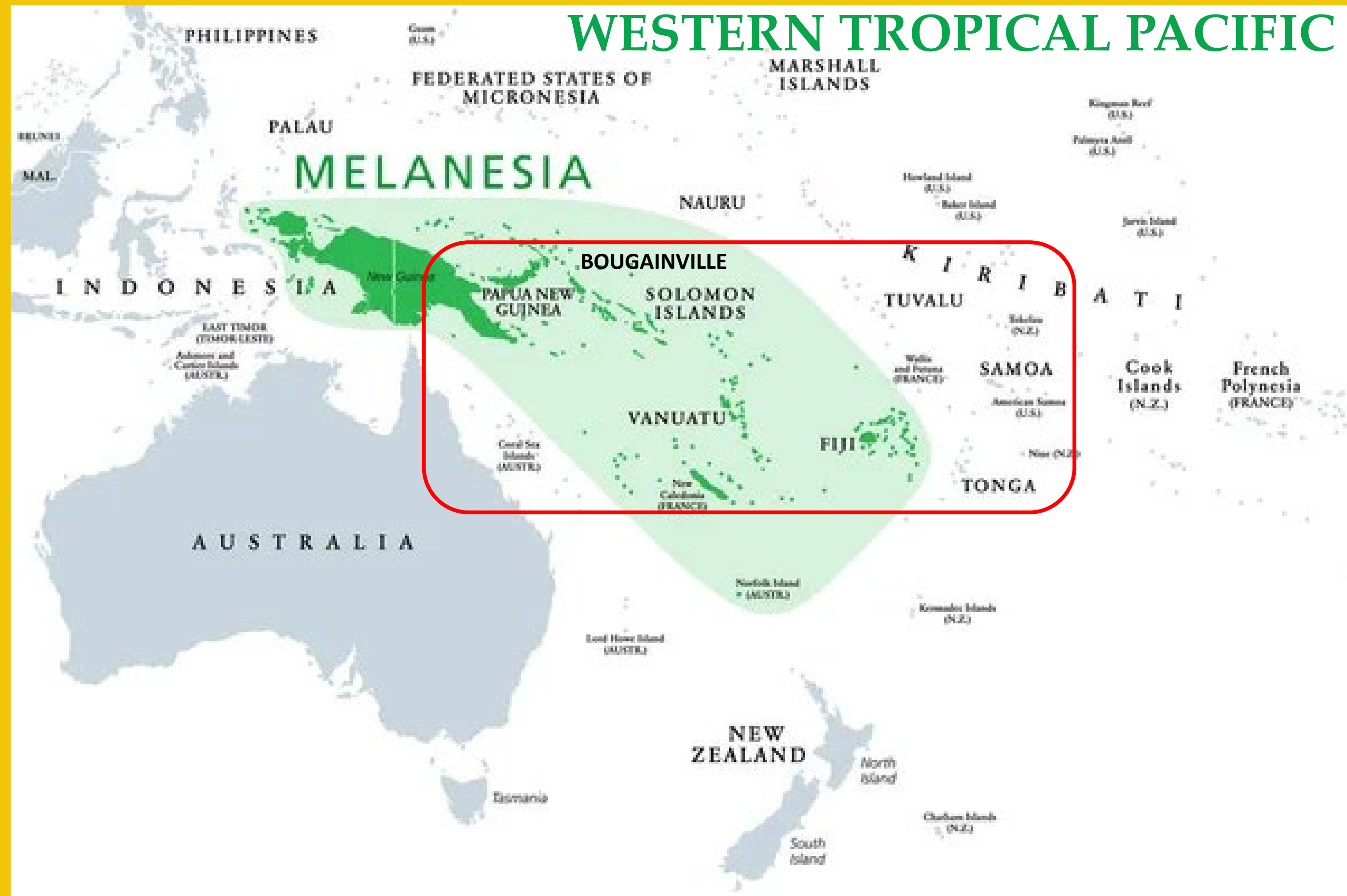


KRISTINA
COO

Highly experienced energy experts led by Dave Hartell, CEO with extensive experience of running multi-billion dollar energy projects for global companies (Woodside Energy, Hess Corporation, Marathon Oil, Premier Oil), with Aurangzeb Bozdar, CFO for finance and strategy (Endeavour Mining, Kuwait Energy, Premier Oil, Shell, KPC, PwC) and Dr Kristina Sevastianova, COO for Project Development (Rosneft).

Core organisation is ably supported by highly experienced and extensive global Geothermal team of experts. Company will create local and regional centres of Geothermal Excellence.

WESTERN TROPICAL PACIFIC



WESTERN TROPICAL PACIFIC

The Western Tropical Pacific is a region of **great economic and geopolitical significance** – it is a major trading route and a region of geostrategic competition. Main **economic challenges** faced by the region include its **dependence on imported fossil fuels** and **food** which results in reduced opportunities for industrial development and employment. Average **Electricity price US\$0.65++ per kWh** is **highest in the world**. **Indigenous Geothermal Energy** is available in several nations and development of this indigenous energy would **lower energy costs**, increase access to electricity, **create jobs**, training, new business for local companies, and **reduce carbon emissions** and **foreign exchange**.



Region has very high electricity tariffs due to reliance on imported diesel fuel

>65

\$ cents / kWh for diesel power electricity

~50

% decrease in electricity cost switching to Geothermal Energy

Transformational Green Energy for Economic Development

Sustainable, Indigenous, Affordable

>3

more jobs per MW of installed Geothermal capacity compared to diesel

A 3x10 grid of dots, consisting of three rows and ten columns of black dots.

- 
- Stellae Energy

WORLD CLASS ECONOMICS

- ~US\$ 2 billion NPV_{10(unrisked)} Portfolio
- Year 1 US\$10 million investment
- Estimated CAPEX + OPEX_(undiscounted) < 10 USD cents / kWh
- Expected Portfolio Capital Cost ~USD\$ 8 million/MW
- Potential up to 1200 MW Electricity in current portfolio - Financial model assumes 5 locations with 150 MWe total for initial project phases later expanding it to 430 MWe
- Significant Blended Finance and Grants Expected (not yet assumed in our models)
- Planned 5 year Exit for early equity investors
- Additional Opportunities have been identified and being pursued

NPV
\$2B

INVEST
\$10M
YEAR 1

CAPEX+OPEX
<10¢
/kWh

CAPEX
\$8M
/MW

Project Economics and Social Impact

Nominal 30 MWe

Example Single Project Financials

Expected CAPEX + OPEX (undiscounted)	< 10 USD cents per kWh
Expected Project Capital Cost (baseload power, dispatchable, persistent 24/7/365)	USD\$ 8 million/MWe
Expected Project Operating Cost (assuming 30 years of operations)	< 0.7 USD cents per kWh
Project NPV10 (unrisked)	US\$200 million

Example Single Project Socio Economic Impact

Carbon Savings (currently assumed not monetised)	~5 million tonnes (over 30 years)
Indirect Jobs creation (Increased access and affordability to economic Energy)	~10,000-20,000#
Positive GDP Impact (~3% growth/yr typical, start of operations onwards)	~6% growth/yr
Reduction in Energy Poverty (off-grid populations reduced)	Access to Electricity



CO₂ Savings

5 Million
tonnes

JOBS

~10K+

NPV

\$200_M
/Project

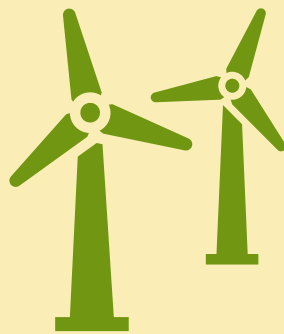


Aligned with UN Sustainable Development Goals

SDG 7 - Ensure access to affordable, reliable, sustainable and modern energy for all



Universal access to electricity and clean cooking solutions



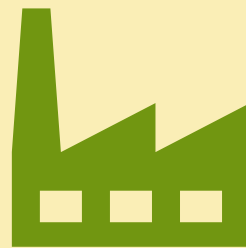
Triple global renewable power capacity



Double the global rate of improvement in energy efficiency



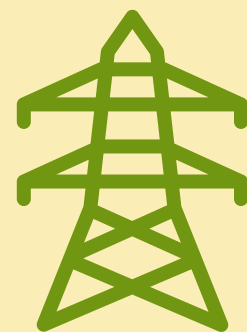
Increased annual investment for renewable energy and energy efficiency globally



Phase out diesel power globally by 2040



Significant jobs in renewable energy and energy efficiency



Universal access to electricity in all healthcare facilities and all schools worldwide

CSR++ Projects with World Bank/IFC Compliance Regime

Supporting people in the Western Tropical Pacific



TRANSFORMATIONAL ENERGY COMPANY



Geothermal Energy is the lowest cost, baseload renewable energy and this region is ideally placed to utilise this resource.



Supporting significant jobs creation, skills development, technology transfer, enhanced business opportunities for local businesses, and reducing the burden of foreign exchange.



Robust project economics resulting in a step change in economic development for each country.





Stellae Energy has created some exceptional projects and global collaborations during the last six years. We are pleased to have matured five Flagship Geothermal Projects **after signing MOUs with multiple governments in the Western Tropical Pacific**. We are actively pursuing Investment Partners to develop these projects. Early-stage equity is being offered at a very attractive rate with a 5 years exit plan.



THANK YOU

Stellae Energy
U1 Myers Court
Reynard Way
London TW8 9GD
+44 20 3343 6387
us@StellaeEnergy.com

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StellaeEnergy.com