

**New Unicorn Deep Technology** for those that want to  
make a **difference** and **make money**.

*"Read on or delete, your call?"*

# The Opportunity

**The world needs more power, faster — but current infrastructure cannot keep up with rising demand and decarbonization goals.**



Traditional energy models are capital-intensive, slow to deploy, and land-hungry.



Vertical solar infrastructure offers a scalable, compact, and bankable solution.



Emerging economies and cities alike face growing pressure for clean, reliable energy.



# What We Do

**TIPA Solar delivers vertically-mounted, high-yield solar infrastructure for cities, EV charging, microgrids, and utility-scale energy production.**



**Up to 8x more power per m<sup>2</sup> than traditional panels.**



**Mountable on lampposts, highways, buildings, and open land.**

**Designed for both urban density and remote deployment.**

# How We're Different

Unlike conventional flat PV panels, TIPA Solar has re-engineered M12 cells into 36-cell clusters to minimize shading and maximize yield.

## 2.1 kW output

from the same 550W area panel

## Nano-optimizers

isolate each panel—no inverter string losses

## 3×36-cell clusters

limit shading and boost consistency

## Lower install costs

with fewer panels required

## OEM-ready design

using standard solar cells

Our vertical, 3D architecture transforms the economics of solar—delivering higher returns and redefining what solar infrastructure can do.

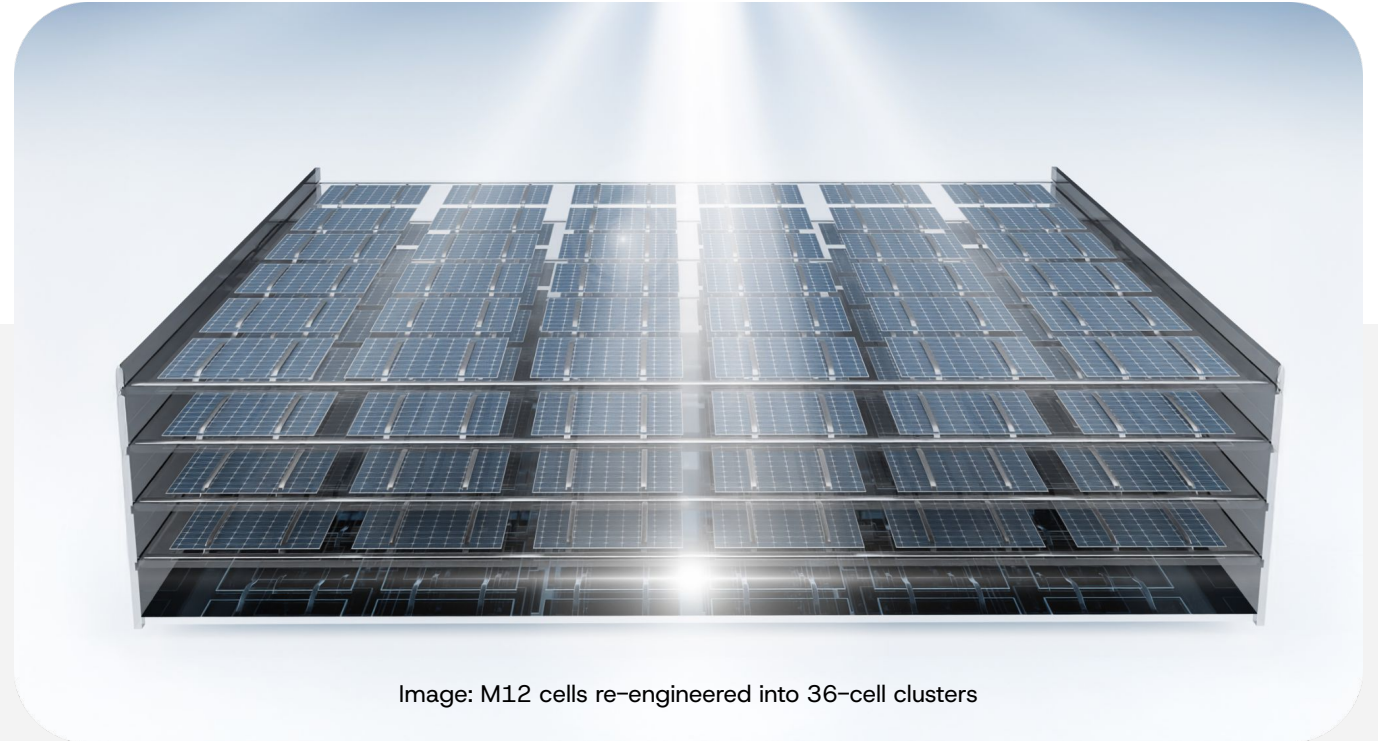


Image: M12 cells re-engineered into 36-cell clusters

# Raise Overview

We are raising:

**\$20M**

Equity

**\$100M**

Project Debt



## Capital-backed Projects:

- ✓ Underwritten by Lloyd's of London
- ✓ 25-year bankable PPAs
- ✓ <12-month ROI on deployed CapEx

## Use of Proceeds:

- ✓ Equity to fund operations, regional expansion, and PPA execution teams.
- ✓ Debt to finance infrastructure deployment across 7GWp pipeline.



# Global Pipeline

Over 7GWp in Active PPAs and LOIs

Region	Capacity (GWp)	Status
Namibia	1.2 GWp	LOI + PPA Drafting
Botswana	0.8 GWp	Government LOI
Southeast Asia	1.5 GWp	Developer MOUs
Europe (multiple)	3.0 GWp	Signed + In Progress
United States	0.5 GWp	Under NDA



\*Image for representation purposes only

# Financial Snapshot

**Fast Returns. Long-Term Yield.**

**<12-month  
ROI on CapEx**

**25-year  
contracted PPAs**

**Debt serviced from  
guaranteed  
energy income**

**Strong cash flows  
+  
secure offtake**

**Project underwriting by  
Lloyd's of London  
de-risks deployment**



# Business Model

## Build – Own – Operate (with Exit Optionality)

- 1) Deploy TIPA infrastructure across secured PPAs
- 2) Use project finance + Lloyd's-backed cover to reduce upfront equity
- 3) Monetize returns via:
  - Long-term energy income
  - Refinancing after stabilization
  - Strategic asset sales

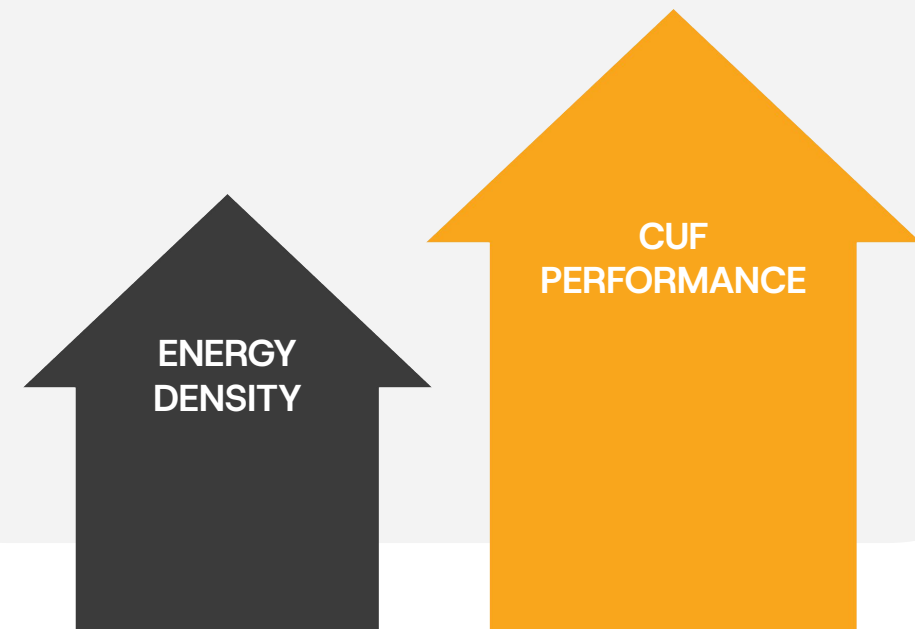


# The Fastest Return On Investment In Energy

TIPA maintains vertical integration with Chinese manufacturers, including a 50% ownership stake in one of our key production partners.



This strategic position enables us to drastically reduce per-unit manufacturing costs, giving TIPA one of the lowest cost-per-watt profiles in the global solar industry—while maintaining exceptional energy density and CUF performance.



# Scaling in Southeast Asia

We are working in partnership with MRCB (Malaysia Resources Corporation Berhad)—a leading publicly listed infrastructure developer in Malaysia—to develop local manufacturing facilities to serve the Southeast Asian market.



This regional manufacturing strategy is key to accelerating delivery, reducing shipping and logistics costs, and capturing rapidly growing demand across ASEAN nations.

# Urban Partnerships for Clean Mobility

TIPA is actively partnering with cities such as Bristol and Amsterdam, as well as major corporates like Google, to roll out simultaneous public EV charging networks powered by our vertical and modular solar systems.

These deployments combine clean generation, smart grid integration, and urban infrastructure—enabling scalable, decentralised energy solutions for the future of electric mobility.

**NET  
ZERO**  **TODAY, NOT TOMORROW!**

