TIPA SOLAR

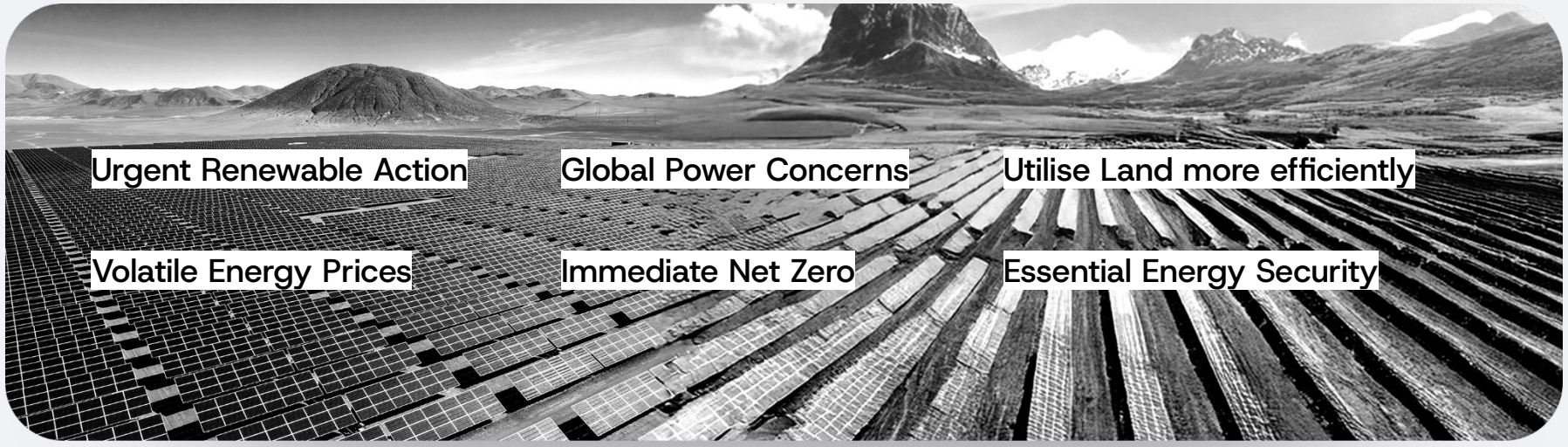
The Future of Solar is here.

www.tipasolar.com

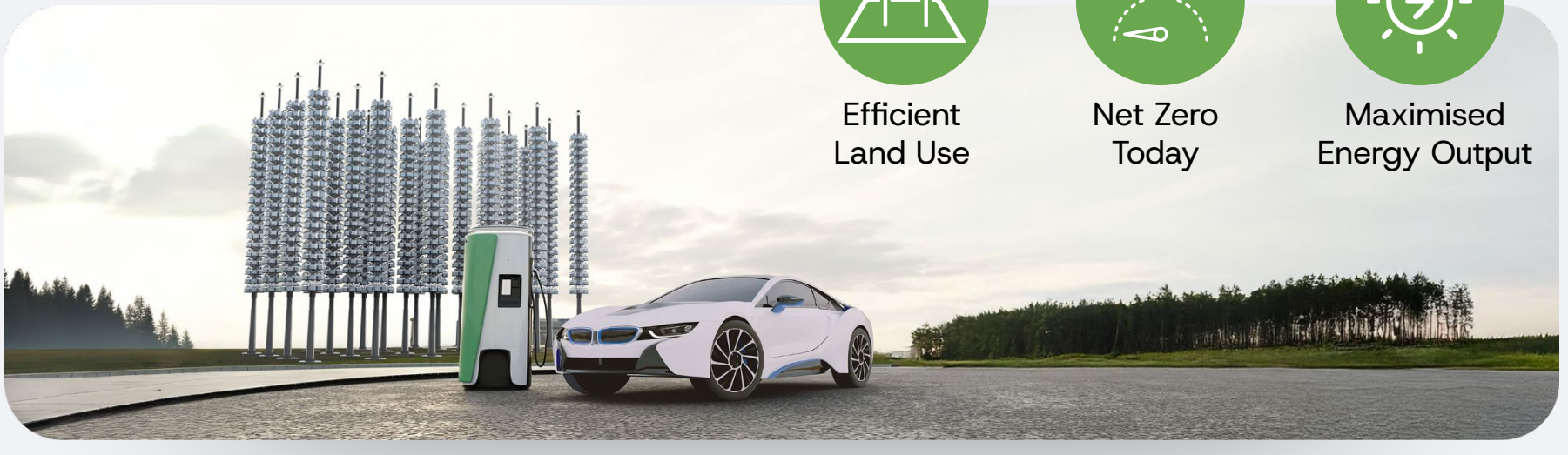
Solar Innovation for a Sustainable Tomorrow

Total Internal Photonic Absorption

Critical Concerns



Vision



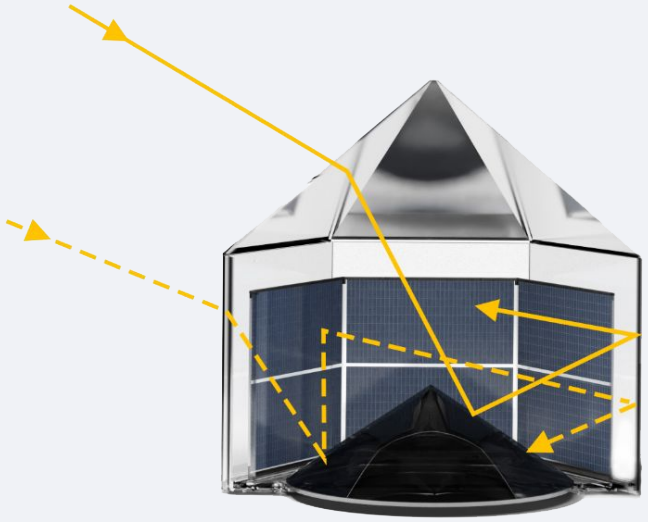
Efficient Land Use

Net Zero Today

Maximised Energy Output

Technology Overview

The novel and uniquely designed dome on TIPA Cells allows it to capture light from all directions and project it evenly onto the cells.



Light coming from outside and internal reflections
(*Cross section view*)

Light entering through the side panel

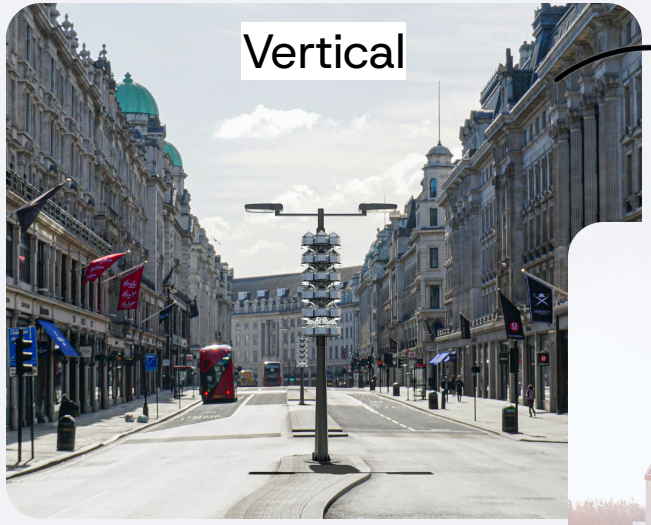
Light entering through the dome

TIPA vs Flat Panels

Comparison based on a 40kW system

Feature	Flat Panels	TIPA Horizontal	TIPA Vertical
Installed Capacity	40kW	40kW	40kW
Number of Panels / Racks / Poles	73	33	22
Covered Area in sq mt	264	100	88
Cost of System	£90,000	£90,000	£99,000

Solutions

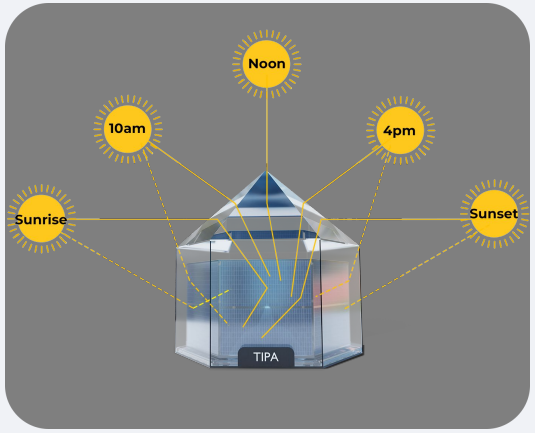


Street lighting, solar farms...

Homes, offices, industry...

Office, homes and industry rooftops

Unique features



Bifacial Design

No special orientation or tracking needed!

Retro-fitting

Can be retro-fitted on existing lamp-posts

Vertical Installation

Not a Myth but a Reality with TIPA V.

NET ZERO

Retrofitting

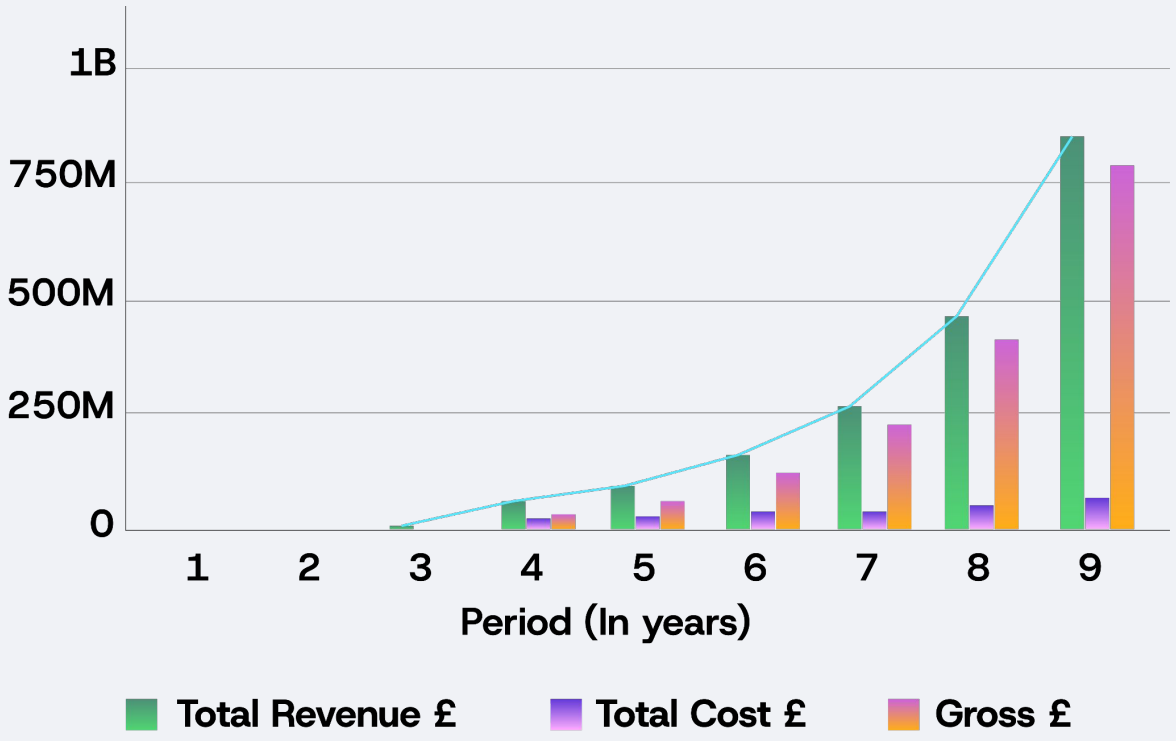
Currently in discussion with the city of Amsterdam and Bristol for retrofitting lamp posts in order to achieve **Net Zero Today**.

NET ZERO

Imagine powering mobile signal towers in remote places without emissions

TIPA V has turned this imagination into reality. TIPA can be installed vertically on cell phone towers, making it convenient to have mobile network everywhere without the need for generators, thereby reducing the carbon footprint.

9 Year Financials



Market Potential

Global Market Size

$170B

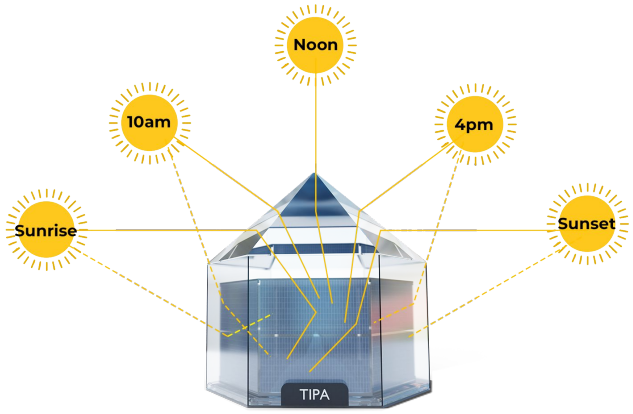
Key Players

JinKO Solar
LONGi
JA SOLAR
Trinasolar
CanadianSolar
risen solar technology

Competitive Advantages

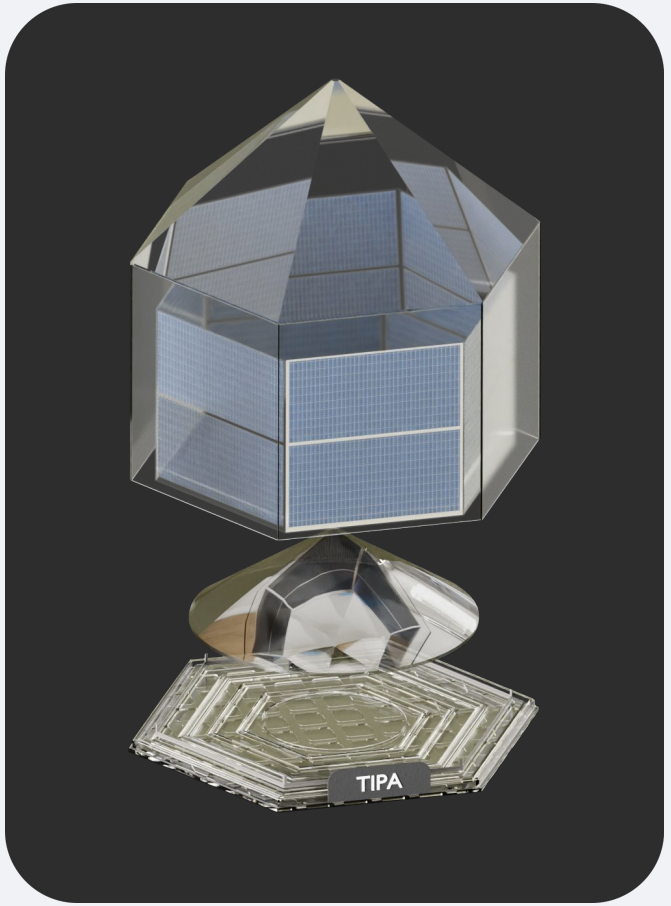
01 **Vertical like never done before.**

02 **Unique 3d design allows for more sun hours.**



No special orientation or tracking needed

03 **Modular design, Lightweight materials and ease of transport.**



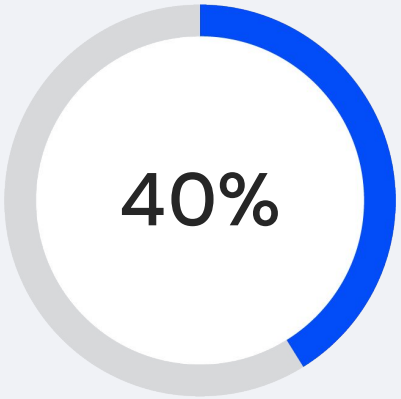
Route to Market

Potential Licencing Partners

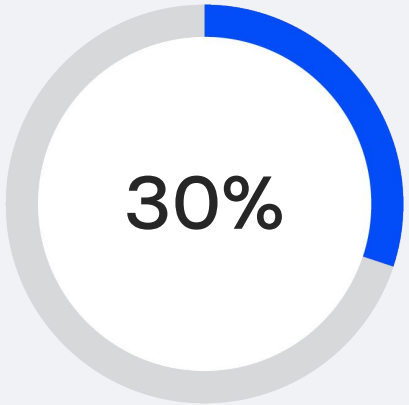
SAMSUNG MITSUBISHI HITACHI CanadianSolar First Solar

The Ask

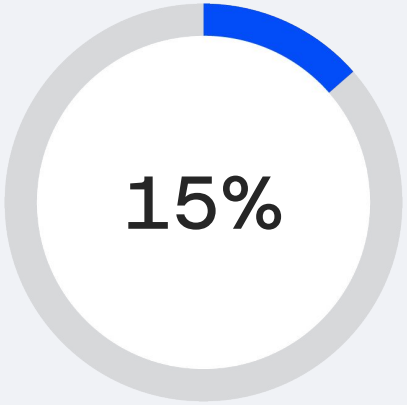
£2m



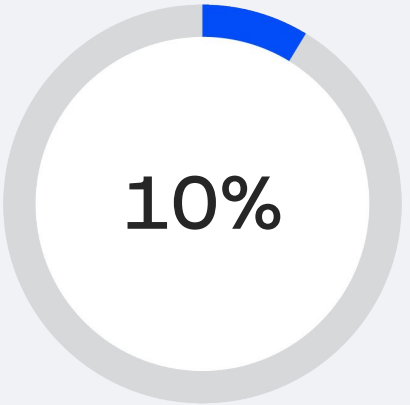
Facility Development



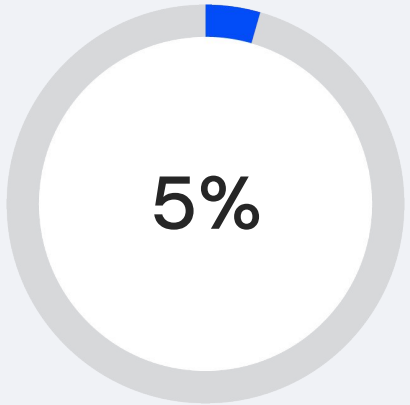
Manufacturing Optimization



Team Expansion

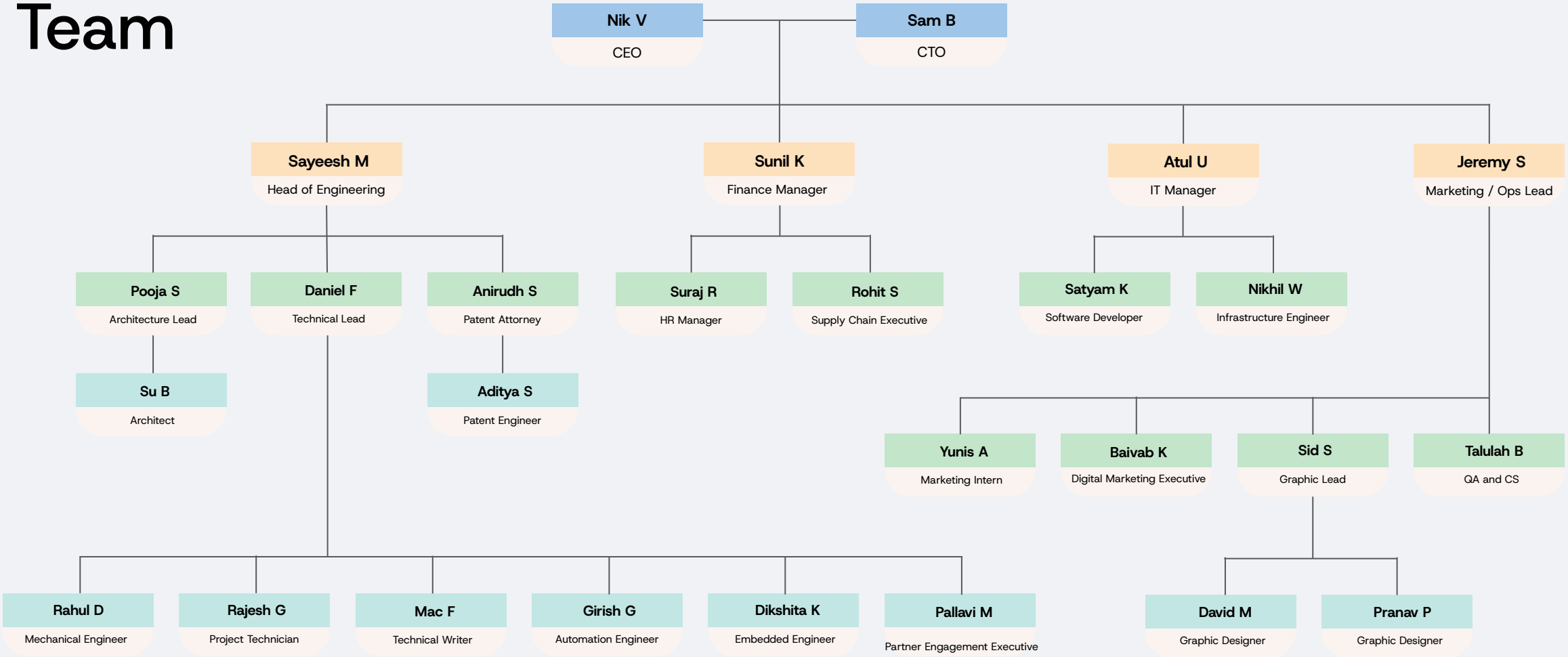


Patent Finalisation



Marketing and Sales

Our Best Team



Exit Strategy

Corporate buyout by Canadian Solar, Siemens, or other solar panel manufacturers

SIEMENS

CanadianSolar

IPO on LSE or NYSE

London Stock Exchange Group

NYSE

Partners

LONDON & PARTNERS

UKRI Innovate UK

Google for Startups


TIPA
SOLAR
The Future of Solar is here.
Join us in transforming Solar Energy.
Together, we make Net Zero a reality.
Thank You