



INFRA BLOCKS

Fostering Impact Investing in Energy Access Through Blockchain

Our Mission

Infra Blocks will create a **marketplace for impact investing** by connecting global investors to sustainable projects through **blockchain technology**.

We aim to combine the sustainability of **philanthropy** and scalability of **market-based investing**.

Leveraging Blockchain Technology

Connecting investors to communities



Building trust & transparency



Reducing transaction cost



Better market liquidity



Building an impact investing marketplace which provides:

- Scalable solution
- Stronger returns
- Measurable impact
- Global approach

Starting with Infrastructure & Sustainable Energy Access

Multi Trillion \$ Market

- Global funding gap in infrastructure amounts to \$1.2 trillion per year
- \$500 billion is needed by 2030 to bridge the gap in electricity access worldwide

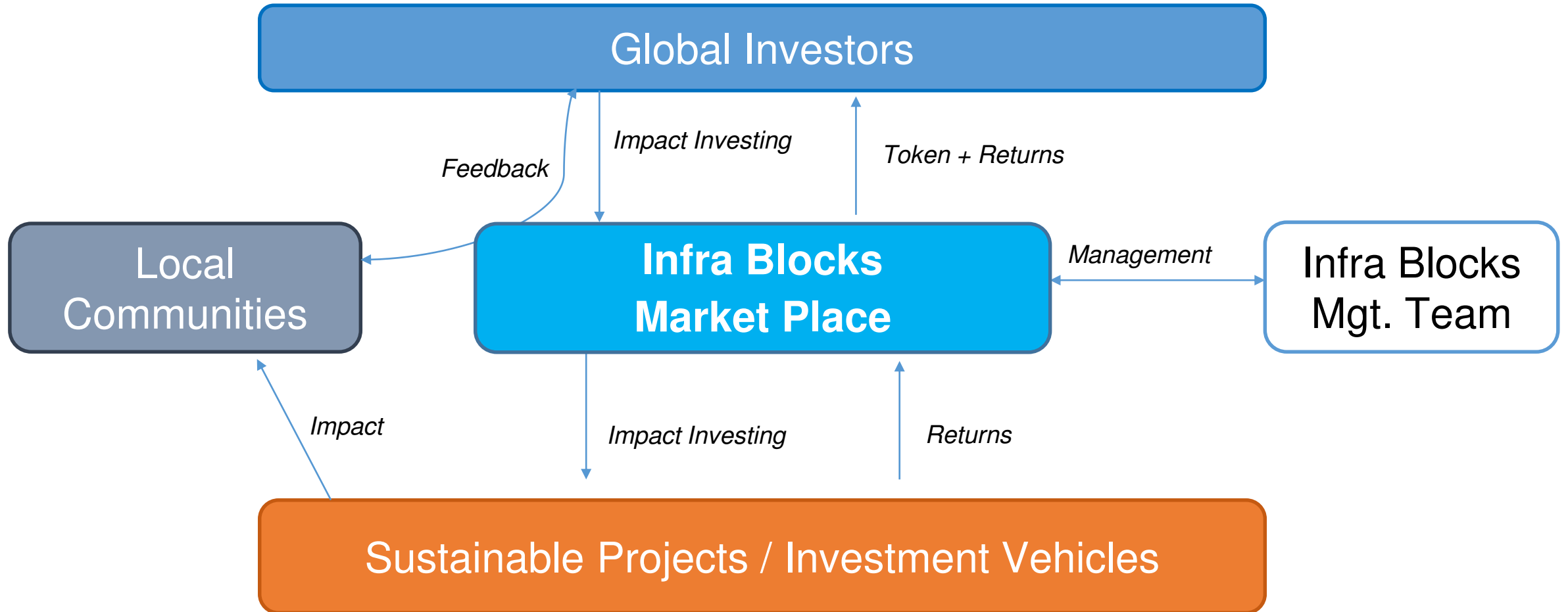
Strong Fundamentals

- Demographic Growth
- Global Urbanization and Industrialization
- Growing Middle Class

High Impact

- 1.1 billion people live without electricity
- 1 in 9 people lack access to safe water

Infra Blocks' Structure



Investment Vehicle #1 – Energy Access Fund in Nepal

- Building a **portfolio** in ASIA, MENA and AFRICA
- **Investment in equity** at pre-construction phase
- Targeted IRR of **10-12%** in US\$ terms
- Ticket size up to **US\$ 5 million** (minority or majority shares)
- **Partnering** with regional developers



Distributed Rooftop Solar



Rural Solar Water Pumping

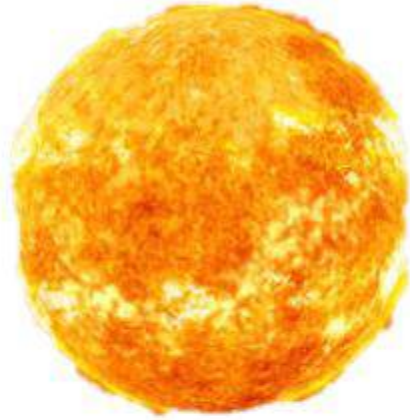


Hydropower IPPs
(pipeline capacity of 45MW)



Solar IPPs
(pipeline capacity of 20MW)

Investment Vehicle #2 – Distributed Solar Fund in India



DISTRIBUTED SOLAR FUND

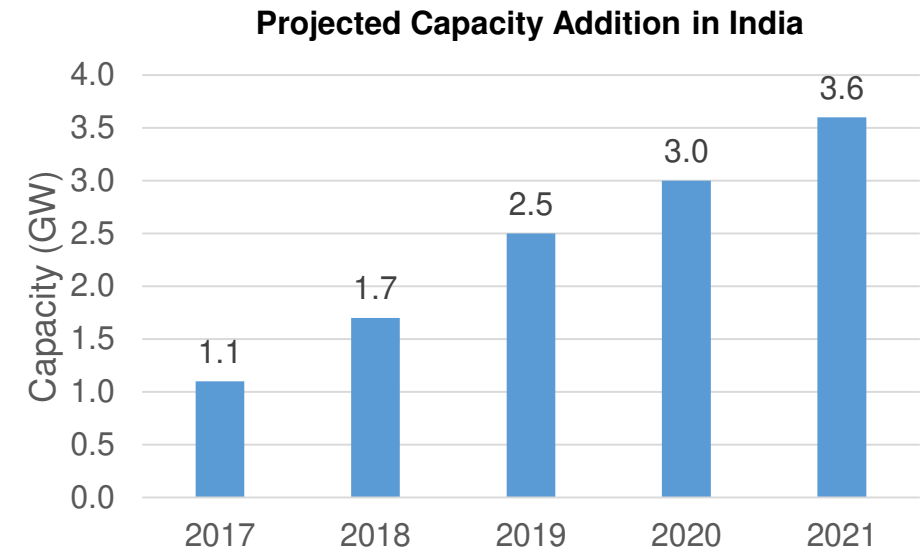
INVESTMENT OPPORTUNITY FOR CREATING ACCESS TO CAPITAL FOR SOLAR DEVELOPERS

FINNACLE
Capital Advisors

Investment Vehicle #2 – Distributed Solar Fund in India

Overview

- Building a **portfolio** of rooftop solar PPA projects for investment grade rated commercial and industrial customers in India.
- Sector growing at **CAGR of over 100%** in last 2 years, requiring equity investment of nearly \$10 billion in 4 years.
- **Investment in equity** at pre-construction phase.
- Targeted IRR of **10-12%** in US\$ terms.
- Target first close of **US\$ 10 million** by June 2019 (traditional LPs), second close of **US\$ 35 million** by September 2019 (traditional LPs).



Investment Vehicle #2 – Distributed Solar Fund in India

Distributed Solar in India: Small is the New Big

Rooftop

MNRE* aims to install 40GW of rooftop solar by 2022; a cumulative CAGR of ~108% is required to achieve it.

**MNRE: Ministry of New and Renewable Energy*

Telecom Tower Solarisation

TRAI* has proposed to power at least 75% of all rural towers and 33% of the urban towers by hybrid power (Renewable Energy + Grid power) by 2020.

**TRAI: Telecom Regulatory Authority of India*

Storage

Potential of ~15-20 GW by 2020 for energy storage technologies, primarily stemming from renewable energy, telecom towers and grid ancillary services.

Industrial Solar Parks

Opportunities to set up industrial solar parks and dividing and selling capacity to various industrial consumers under a similar tariff and PPA model as roof-top solar

Investment Vehicle #2 – Distributed Solar Fund in India

Deal Flow Summary

**6 Developers
having already
implemented
over 50 MW**

**Access to
Total New
Project
Pipeline of 142
MW**

**Total
Generation
Potential of
210 MU every
year**

**Average
Project Cost of
US \$710/kWp**

**Average Tariff
of US Cents
7.30/kwhr**

Investment Vehicles – Team Members



Shubhomoy Ray, Managing Partner

- A Management Graduate with over two decades of experience in areas of project finance, due diligence, transaction structuring and arranging equity, ECA and multilateral financing for private and PPP projects in energy and infrastructure sector; specific experience of project contracting, PPA drafting and buy and sell side role in solar roof-top projects



Hon. P V Applegarth, Chairman of IC

- Harvard & Yale alum with over four decades of experience in development banking and management of capital at several emerging market infrastructure funds like MCC, Emerging Africa Infrastructure Fund and Emerging Market Partnership, managing assets of over ~US \$ 2 billion for infrastructure development in Latin America, Africa & Asia



Raghu Sharma, Chairman of AMC

- Engineer and MBA with nearly four decades of experience in infrastructure financing, equity investment, Government advisory and transformational leadership across Asia, Europe, Australia and Middle East at senior International Finance Corporation and World Bank offices








Saurabh Rao, Partner

- An MBA with 12 years of experience in areas of project finance, due diligence and transaction structuring at leading Indian banks in Mumbai and GuarantCo, London, a leading multilateral development fund; subsequent specific experience in rooftop solar investment as an entrepreneur investor for over one year.

Infra Blocks' Market Competition

Blockchain for impact investing is a **fragmented market**.

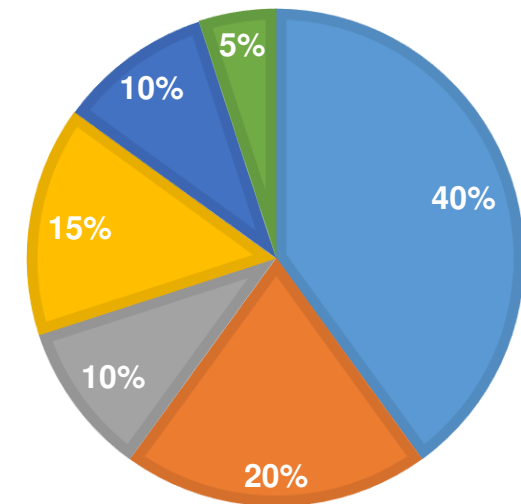
While we aim to start with Energy Access sector, Infra Blocks will become sector agnostic in long-term and no major player provides a sector agnostic solution.

Renewables		INFRA BLOCKS X
Financial Inclusion		X
Agribusiness		X
Education		X
Impact Measurement		X

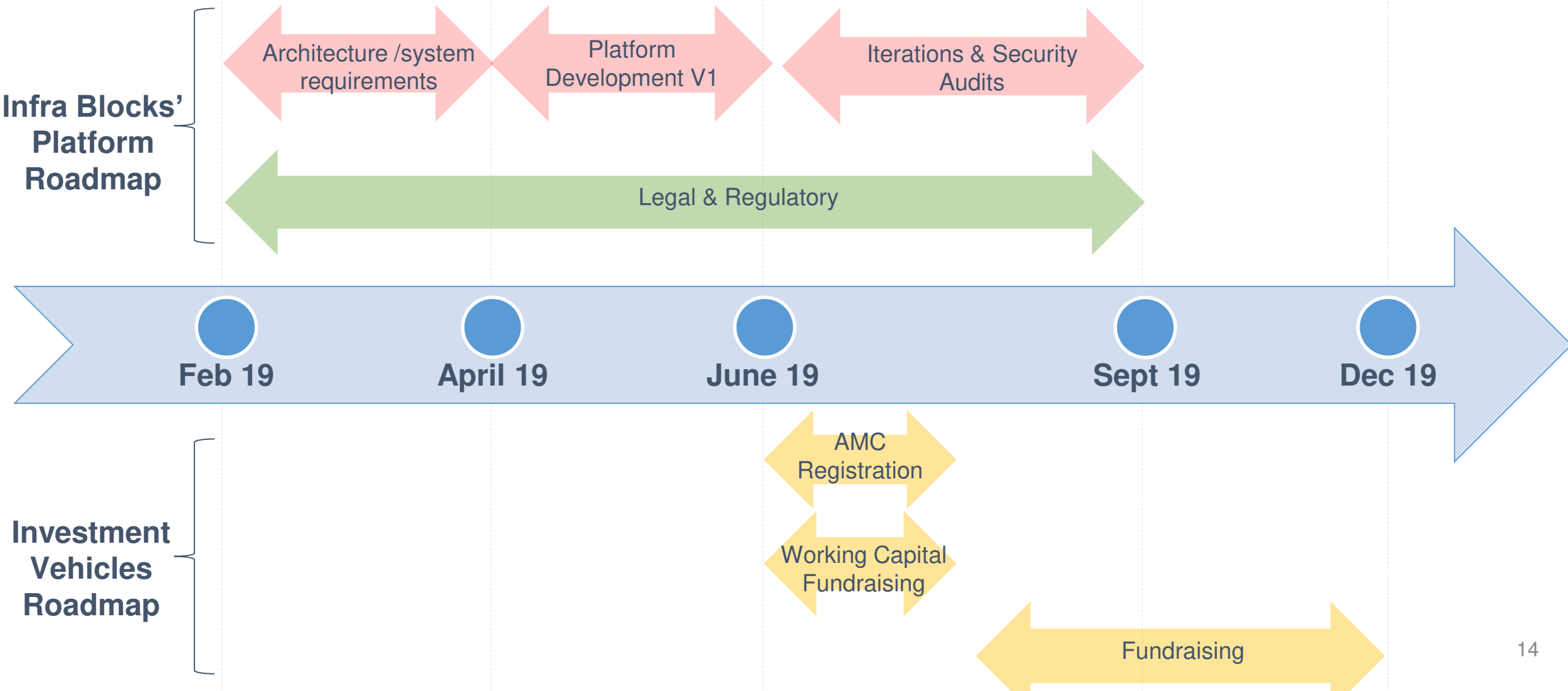
Fundraising & Allocation

- **Platform Fundraising/STO**
 - Pre-seed fundraising: \$500k
 - Seed fundraising: \$1mn
 - Private sale: \$2mn
 - Public Sale: \$500k
- **Investment Vehicle #1: Distributed Solar Fund in India**
 - Fundraising: \$50mn
- **Investment Vehicle #2: Energy Access in Nepal**
 - Fundraising: \$20mn

PLATFORM BUDGET ALLOCATION



Roadmap



Infra Blocks' Core Team

Cedric Joutet, Founder & CEO



- 7+ years experience in infrastructure financing and advisory across ASIA, MENA and AFRICA.
- Previous experience at World Bank, French Development Agency, BNP Paribas and SNC Lavalin.
- Double background in civil engineering and project finance.

Pranav Sharma, Co-Founder & Exec Board member



- Authorito Capital, Chief Investment Officer
- Pranav has been around in crypto since early 2017, but have been into investing in both stockmarket and VC for far longer.
- Pranav looks at his major investments in his crypto portfolio as a VC investor and has extensive experience in energy sector.

Mohit Mamoria, Co-Founder & CTO



- Authorito Capital, CEO
- Being a programmer gives him an added advantage of understanding any decentralized protocol with their centralized counter parts.
- Mohit is the author of “3500-word guide in plain English to understand Blockchain”, which became one of the most popular internet writings about Blockchain.

Shubhomoy Ray, Co-Founder & Exec Board Member



- Over two decades of experience in infrastructure financing in ASIA and AFRICA.
- Managing Director & CEO at Finnacle Capital Advisors.
- Previous experience includes advising US Exim Bank, bidding out solar IPP in Afghanistan for USAID and administering the Power Development Fund, of the World Bank in Nepal.

Thank you

