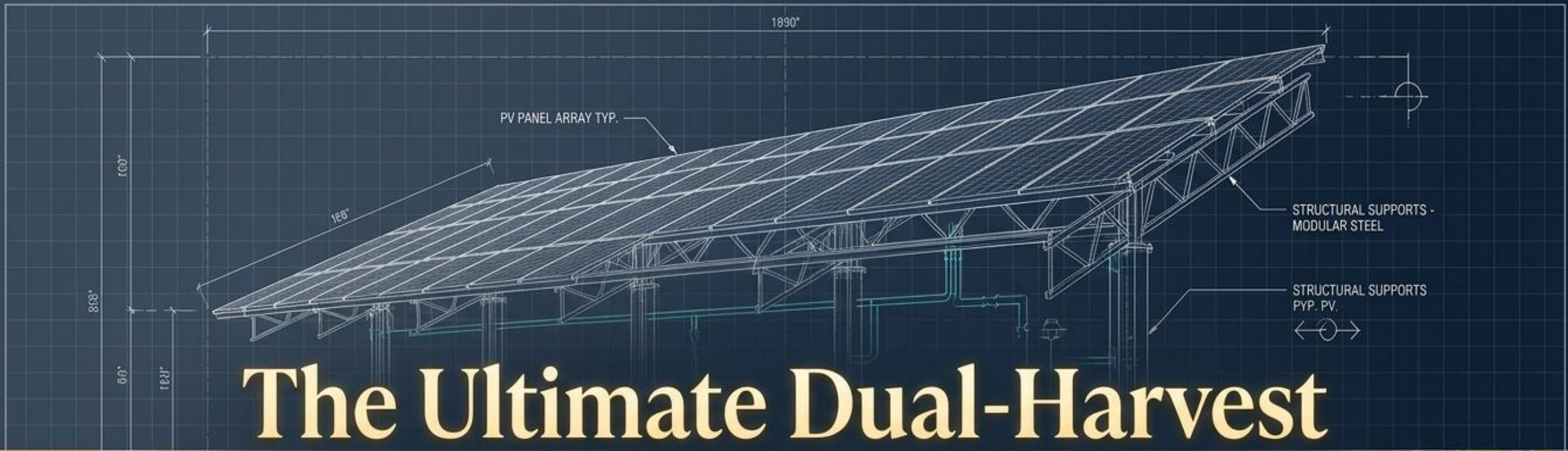


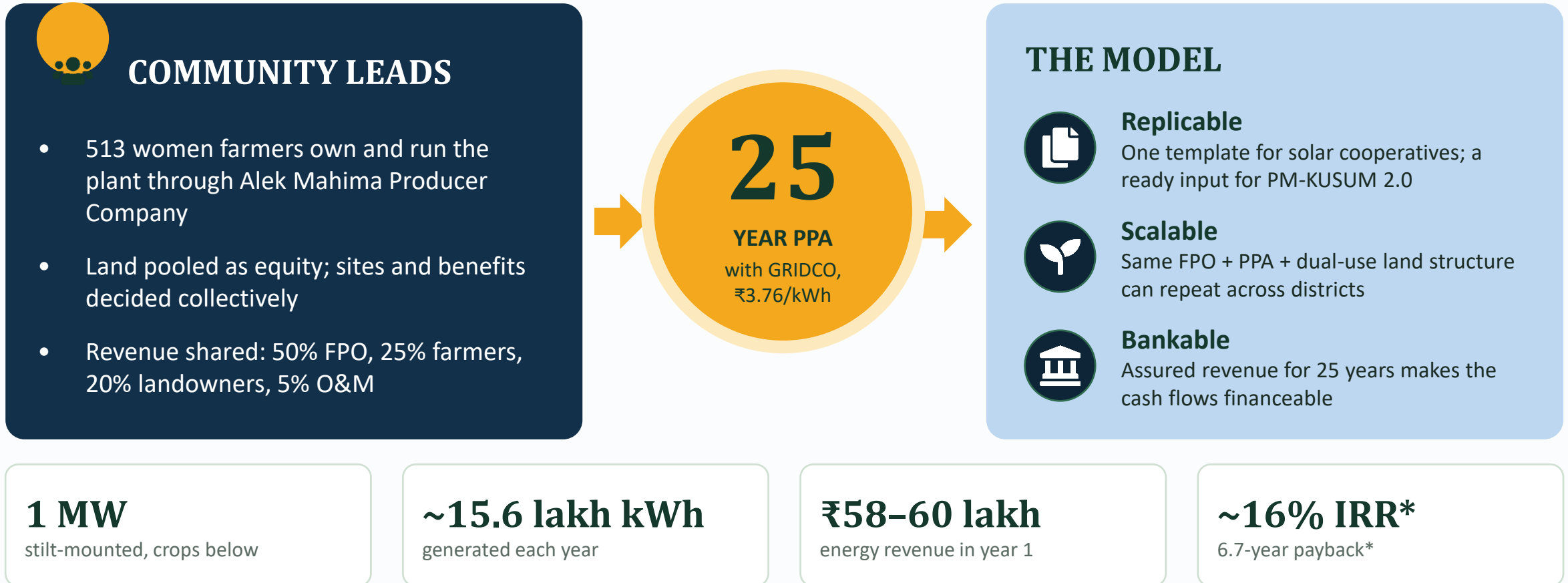


Building a globally replicable, bankable asset class
through farmer-owned Agri-PV.



Community-led by design. Bankable by contract.

In Kulabir, Koraput, a women-led FPO owns the 1 MW Agri-PV plant. A 25-year Power Purchase Agreement with GRIDCO turns that community ownership into a replicable, scalable, bankable model.



Seeing Is Believing: Learning from Sagar

A visit to an Agri-PV plant in Sagar, Madhya Pradesh built the community's confidence for Kulabir

- 1 Started with doubt** Before visiting Sagar, we had seen a video, but we were **not fully convinced**
- 2 Saw it on the ground** We saw huge pillars and solar panels, with **strawberry, tomato and papaya** growing beneath them
- 3 Understood the model** We learned that farmers can **earn from both growing crops and selling electricity**
- 4 Gained confidence** Seeing everything with our own eyes gave us confidence that **this model really works**
- 5 Looked ahead to Kulabir** If crops can grow there, where the land is not fertile, **we believe we can grow even better in our area**

Deciding Together, Hearing Every Voice

How the community decided together, including women and families without land

STEP 1

Organise

Held village meetings and formed a **Village Development Committee (VDC)** with members from the entire village

Formed a **Working Committee** with representatives from every street, including **women and youth**

STEP 2

Decide & Monitor

Working Committee visited and checked **seven possible sites** before selecting the present location

Met with the Working Committee, farmers and FPO leaders to **jointly decide how profits are shared**

Formed a **Monitoring Committee** to check construction quality and provide the necessary support

STEP 3

Share the Benefits

Gave work to as many villagers as possible during construction, which **stopped seasonal migration** for some this year

Nano processing unit will give **priority to single women, widows, families with persons with disabilities** and other needy households

APV site bore well now provides **drinking water to the villagers**, which had been a big issue

Three universal building blocks turn the sun into a third crop, forming a globally replicable structure

Community Ownership

The Vehicle: A legally recognized collective pools land as equity to own the generating asset.

The Result: Aligns local incentives, prevents land-grab controversies, and ensures wealth generation stays within the community.

Dual-Use Design

The Asset: Elevated panels (~4m stilts) allow shade-tolerant crops to thrive below.

The Result: Maximizes land productivity. Food security and the global energy transition coexist seamlessly on the exact same footprint.

Long-Term Offtake

The Security: A multi-decade contract with a utility or large commercial buyer.

The Result: Transforms unpredictable agricultural yields into financeable, guaranteed revenue streams that risk-averse lenders can comfortably underwrite.



The foundational blueprint remains identical and we can adapt the legal, agricultural and financial variables across the globe

Translation Matrix

Core Pillar	In Koraput, India	Global Adaptation
Entry	FPO of 513 women	Any farmer collective or cooperative with legal standing
Offtake	25-year Purchasing Power Agreement, ₹3.76/kWh	Multi-decade contract with a utility, mini-grid operator or large buyer
Design	~4 m stilts, shade-tolerant crops	Height and crops chosen for local climate, soils and markets
Capital	90% VGF, 10% community	Blended stack: Grants + Concessional capital + DFI debt

Replication Kit – the 4 enablers for deployment



Policy Window:
Utilizing frameworks like PM-KUSUM 2.0 globally.



Blended Finance:
De-risking early capital to crowd in private debt.



Field Evidence:
Using Koraput data to prove bankability to local lenders.



Replication Kit:
A standardized operational manual ready



Let us together usher in the **Sun Revolution — SunKranti** — driven by India's smallholder farmers.