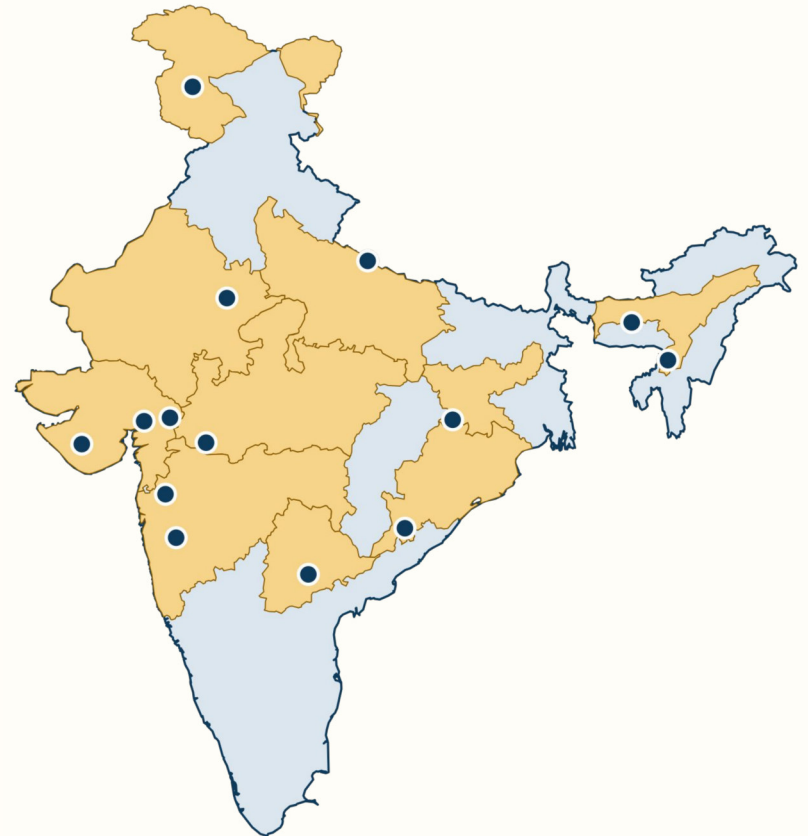


Farmers' Voices from the Ground

Agrivoltaics World Conference 2026 – New Delhi

13
Interventions

10
States & UTs



PM-KUSUM A and AGRIVOLTAICS

Farmer-owned Agri-PV Plant

Grid-connected under PM-KUSUM · Kotak Mahindra Bank CSR



600

kW capacity

1

Owner farmer

250

Beneficiaries

2026

Installed



LOCATION

Kundanpura

Bassi block, Rajasthan

CROPS & ENERGY

Crops Tomato · Maize · Chillies

Energy Grid-connected · daytime feeder power

PARTNERS

ICRIER Design and Research

Kotak Mahindra Bank CSR

SKY FEEDER RETROFIT

Retrofitting SKY to AgriPV

Ozarala Solar Energy Producers' Cooperative



366.8

kW capacity

22

Systems on
Field

2.1 m

Clearance
for Crops

2026

Retrofit Year

IWMI
International Water
Management Institute

SUSTAIN+

On behalf of:
Federal Ministry
for the Environment, Climate Action,
Nature Conservation and Nuclear Safety
of the Federal Republic of Germany

IKI
INTERNATIONAL
CLIMATE
INITIATIVE



LOCATION

Ozarala Village

Central Gujarat

RETROFIT & ENERGY

Retrofit Existing SKY systems raised for crops

Energy Grid-connected SKY SIPs

PARTNERS

Ozarala Coop Implements
Sustain+ Implements
GUVNL Guidance

IWMI Implements
IGCA Support
MGVCL Guidance

FARMER-OWNED GRID-CONNECTED SOLAR PUMPS (SKY)

Suryashakti Kisan Yojana

Empowering farmers with solar · Jetalsar, Jetpur



1200

kW capacity

42

Farmers

20–30

kW per plant

2019

Installed

A SCHEME OF

**Government of
Gujarat**



LOCATION

Jetalsar Village

Jetpur, Rajkot, Gujarat

CROPS & ENERGY

Chilli · Brinjal · Tomato · Ridge gourd

Sponge gourd · Fenugreek · Coriander

Energy Irrigation + grid connected

PARTNERS

Government of Gujarat · SKY

Junagadh Agricultural University

SOLAR LIFT IRRIGATION COOPERATIVE RETROFIT PLANT

Solar Lift Irrigation APV

Juna Baria Udvahan Sinchai Sahkari Mandali Ltd.



28.5

kWp
capacity

120

Farmers

2×15

HP pumps

2025

APV retrofit

SUSTAIN+

IWMI
International Water
Management Institute

CInI
A Division of TATA TRUSTS

NM Sadguru
Water and Development Foundation



LOCATION

Juna Baria Village

Devgadh Baria, Dahod, Gujarat

CROPS

Crops Turmeric · Brinjal · Marigold · Watermelon

Retrofit Panels raised from 4 ft to 7 ft (lower end)

PARTNERS

Sustain+ Capex
CInI Capex · field

IWMI Research
NMSWDF Data Collection

TWO COMMUNITY SOLAR MICRO-GRIDS SITES

Farmer-centric Agrivoltaics

IGCA–TRI pilots · Community-managed solar microgrids



SITE 1 Ghumnabharu Village

Mihinpurwa, Bahraich, Uttar Pradesh

44.4
kWp

140
Households

10
2 HP pumps

2025
Installed

Crops Capsicum · Orange marigold · Tomato · Peas · Melon

Design Elevated checkerboard, 3 m above ground

LOCATIONS



SITE 2 Rengarbahar Village

Bolba block, Simdega, Jharkhand

24.2
kWp

40+
Farmers

2025
Retrofitted in

**Powering
Homes**
100 +

Crops Gourd · Spinach · Onion · Tomato · Brinjal · Marigold

Design Non-elevated, crops between & below panels

PARTNERS

TRI Capex

IGCA Research

Gram Oorja Installation

Farmers Agriculture

FPC-LED AGRIVOLTAICS

Solar-Powered Apple Processing

Zazna Farmer Producer Company



LOCATION

Zazna Village

Ganderbal district, J&K

CROP & PRODUCTS

Apple

Juice · Cider vinegar · Jam · Apple chips

PARTNERS

Zazna FPC

CSTEP Knowledge partner

2 MW

DC capacity

500+

Farmers

90%

Captive use

DPR

Fund raising

WOMEN-LED AGRIVOLTAICS

Solar-Powered Botanical Ingredients

Bajjata Agrivoltaics Enterprise · Ma Ambika, Annapurna & Hanuman SHGs



LOCATION

Bajjata Village

Rajpur, Barwani, Madhya Pradesh

CROPS

Ashwagandha · Tulsi · Safed Musli · Chia · Kalmegh

ENERGY

500 kW grid export (PM-KUSUM) + 100 kW captive

PARTNERS

CSTEP Knowledge Partner

Bajjata Agrivoltaics Enterprise Ma Ambika, Annapurna & Hanuman SHGs

600

kW capacity

32

Women
farmers

250

kWh battery

TBC

Install Year

FPO-LED AGRIVOLTAICS

Sahyadri Farms Agrivoltaics

Farmer Producer Organisation · Nashik

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



LOCATION

Sahyadri Farms

Nashik, Maharashtra

CROPS & ENERGY

Crops Grapes · Citrus fruits

Energy Agri processing at Sahyadri Farms

250

kW capacity

**Agri
Processing**

**High Value
Crops**

2023

Installed

PARTNERS

GIZ India

Sunseed APV

DEMONSTRATION and RESEARCH PROJECT

Agrivoltaics for Prosperity

Demonstrating dual land use with solar panels · BAIF



BAIF
बाइफ



LOCATION

Urlikanchan

Maharashtra

CROPS & ENERGY

Crops Spinach · Methi · Marigold · Chilli · Papaya

Energy Grid-tie · Hybrid · Off-grid

Irrigation pumping · Tractor EV charger

PARTNERS

HSBC Software Development Supporter

BAIF Implementer

750
kW capacity

185
Farmers

17
Crops

2024–26
Installation

COMMUNITY-OWNED AGRIVOLTAICS

Solar as a Third Crop

Alek Mahima Producer Company · Heifer International / Passing Gifts India



LOCATION

Kulabir Village

Koraput district, Odisha

CROPS

Ginger · Papaya · Turmeric · Millets · Tubers

Strawberry · Avocado · Kiwi · Flowers · Herbs

PARTNERS

Heifer Capital
GRIDCO Offtaker

ICRIER Technical
Alek Mahima Owner

1 MW

DC capacity

513

Farmers

2026

Installed

25 yrs

PPA

FPO-LED AGRIVOLTAICS

Herbal-Tea Agrivoltaics

Hailakandi Agrovoltaics Project · Hailakandi Farmer Producer Company



LOCATION

SS College

Hailakandi, Assam

CROPS & ENERGY

Crops Roselle · Ashwagandha · Tulsi

Energy Net billing · college + tea unit

PARTNERS

IIT Guwahati
SS College

HDFC Parivartan
Hailakandi FPC

50
kW capacity

340
Farmers

Agri
Processing

2025
Installed

HERBAL AGRIVOLTAICS

Boko Agrovoltaics Project

Swrang Agriculture Farming Cooperative Society · IIT Guwahati



LOCATION

Jalukbari Village

Boko, Kamrup, Assam

CROPS & ENERGY

Crops Moringa · Ashwagandha · Turmeric

Grid 20 kW to milk unit

Battery 30 kW to herb drying

50

kW capacity

200

Farmers

72k

kWh per year

2026

Expected

PARTNERS

IIT Guwahati
Swrang Cooperative

HDFC Parivartan

OFF-GRID CLEAN ENERGY HUB

SvachSakthi Kendra

Kattangur Farmers Producer Company Ltd. · NABARD-supported



LOCATION

Gangadevigudem

Kattangur, Nalgonda, Telangana

ENERGY USE

Energy Off-grid · EV battery swapping

SHG 50 members earn ₹2,000/month

Scope for Agrivoltaics?

PARTNERS

Kattangur FPO
Svabag Labs
Thapovanam Organics

NABARD
Carbonmint

200

kW capacity

1245

Farmers

72

2-wheelers

2024

Installed

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