



biofield power
— SUSTAINABILITY FROM FARMLANDS —

Biofield Power - India's First Biomass Logistics Intelligence System (BLIS)

Turning farm residue into energy, income, and verified carbon assets

**India burns millions of tons of farm residue every year -
Biofield Power turns it into traceable, bankable clean energy.**

The Problem

India's Biomass is Burned, not Valued

India generates ~500M tons of crop residue annually, with ~230M tons surplus.

- No assured buyers
- High collection & transport costs
- No logistics visibility
- No quality control

Resulting Impact:

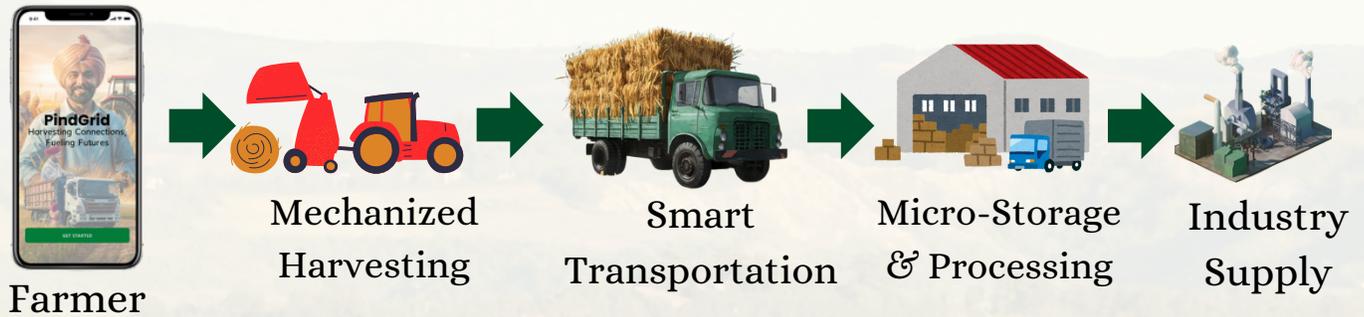
Annual winter smog in NCR (**AQI > 400**)
Severe public health & productivity loss

THE SOLUTION

Biofield Power converts unorganized farm residue into a reliable, traceable and SLA-backed clean energy supply chain.

- ✓ On-ground execution
- ✓ Digital bale-level tracking
- ✓ Micro-storage hubs
- ✓ Industrial offtake contracts
- ✓ Carbon credit integration
- ✓ Farmer revenue sharing

BLIS – Biomass Logistics Intelligence System



End-to-End Digitized Biomass Supply Chain

01. Farmer Onboarding & Geo-Tagging

App + WhatsApp-based residue requests, acreage mapping & crop registration.

02. Mechanized Harvesting & Baling

Deployment of balers, rakers & slashers to convert loose residue into standardized bale units.

03. GPS-Enabled Smart Transportation

Bale-level tracking, optimized routing & digital dispatch logging.

04. Micro-Storage & Buffer Inventory

Cluster-based storage hubs (1 per ~20 villages) for inventory control & supply assurance.

05. Quality-Controlled Aggregation

Moisture checks & standardized grading before dispatch.

06. SLA-Backed Industrial Supply

Long-term contracts with CBG, ethanol, paper & industrial boiler plants.

07. Carbon Credit Accounting

IPCC-aligned emission calculations, MRV integration & credit aggregation.

08. Farmer Revenue Sharing

Transparent carbon-linked incentive structure to stop burning at source.

Proved in Pilot 2025, Scalable by Digitalization



850 tons
Biomass
collected



15 villages
370 acres active
pilot area



₹ 16 Lakhs
Pilot
Revenue



4500+ tons
CO2 emissions
avoided



100+ farmers
Onboarded



SCALING ROADMAP

2026 - 2027



District Scale

- 150K Tons Annual Capacity
- 15 Micro-Storage Hubs
- Full District Coverage
- Gold Standard Carbon Certification

2027 - 2028



State Scale

- 1M Tons Annual Capacity
- 100 Micro-Storage Hubs
- 2000+ Villages
- 1M Carbon Credits Annually

2028-2029



National Scale

- 10M Tons Annual Capacity
- 1000+ Hubs
- 6000+ Villages
- 20-25M Carbon Credits Annually

Biofield Power is building India's biomass logistics backbone — transforming residue into energy, income and verified climate assets.