INOURE
TECHNOLOGIES PVT. LTD.

Autonomous Aerial Logistics

for a Human-Independent Future

India's First Zero-Human-Contact
Drone Deployment System-of-Systems

Patent App No: 202631076432 | Make in India

INVESTOR PITCH DECK 2026

labs.inoure.com

THE PROBLEM

Conventional drone logistics collapse entirely in the moments that matter most.

1 Human-in-the-Loop

Manual battery swap, payload attachment & piloting cause deadly deployment delays.

2 Manual Ground Loading

Human operators must physically be on-site in disaster zones to attach payloads — impossible in CBRN or combat environments.

3 No Climate Storage

Temperature-sensitive biologicals (antivenom, insulin, plasma) degrade without climate-controlled ground stations.

4 Aerodynamic Instability

External sling payloads create severe parasitic drag & pendular instability in high-wind disaster zones.

5 Communication Collapse

Standard drones rely on GPS & cellular networks — both fail in disaster zones and restricted border areas.

⚠ **In life-or-death scenarios — antivenom delivery, AED deployment, disaster rescue — latency kills. Conventional systems cannot solve this.**

OUR SOLUTION

A World-First, Fully Autonomous 'System-of-Systems' — Zero Human Intervention Required

01 **Climate-Controlled Rotary Ground Station**

Off-grid, solar-powered enclosure with multi-pod rotating carousel. Stores & indexes medical biologicals, rescue gear, and tactical payloads without human handling.

02 **Mechanized Central Loading System**

Proprietary fault-tolerant linear actuator slides selected payload pod directly into the UAV's internal fuselage bay. Zero manual contact required.

03 **Multi-Config VTOL UAVs with Internal Bay**

From agile quadcopters to high-speed fixed-wing hybrid UAVs — all designed with an internal payload holding bay, eliminating aerodynamic drag entirely.

04 **Active Mechanical Capture & Recovery**

Triangulated slider-rail capture arm intercepts, charges, and geometrically aligns returning UAVs mid-air for instant automated reloading.

HOW IT WORKS

Single Remote Click → Full Autonomous Deployment Loop

1 — COMMAND

Operator selects payload pod and destination on C2 console & clicks Execute

2 — INDEX

Rotary carousel spins to align requested pod with loading aperture

3 — LOAD

Linear actuator ventrally inserts pod into UAV's internal bay

4 — LAUNCH

UAV autonomously takes off & navigates via AI-Vision + Mesh Network or existing Network

5 — DEPLOY

Central bay opens — payload released precisely at target drop zone and return

6 — RECOVER

Capture arm intercepts returning UAV mid-air, charges & reloads

✓ Entire loop executes with ZERO on-site human presence | Mesh network failsafe routes UAV to nearest secondary station on mission abort

TECHNOLOGY & INTELLECTUAL PROPERTY

PATENT STATUS

Patent-Pending (National)

Application No: 202631076432

Core Patented Innovations:

- Multi-Pod Rotary Storage Carousel
- Mechanized Central Linear Actuator Loading
- VTOL UAV Internal Payload Bay Design
- Active Mechanical Capture Apparatus
- Unified C2 Platform + Mesh Network Architecture

PROPRIETARY TECH STACK

ROS 2	Integrated robotic control system
Edge AI	Vision navigation, GPS-denied ops
Mesh Net	Decentralized comms backbone
Additive	In-house 3D printing & precision electronics

MARKET OPPORTUNITY

$180B+

Global UAV Market by 2030

CAGR ~15%

₹3T+

India Defence Drone Opportunity

Govt-backed push

Zero

Direct Competitors with Full SoS

World-first architecture

B2G+B2B

Revenue Across Government & Enterprise

NDRF, Healthcare, Defence

TARGET SECTORS

Healthcare & Medical

AED, antivenom, insulin delivery

Defence & Security

Tactical ops, border zones

Coastal & Maritime

Life rafts, rescue beacons

Disaster Relief

CBRN sensors, survival kits

Global Export

Middle East, mountain nations

COMPETITIVE ADVANTAGE

Feature	INOURE	Commercial Drones	Manual Ops
Human-Free Ground Ops	✓ 100%	✗ Manual load	✗ Fully manual
Climate Storage	✓ Integrated	✗ None	✗ None
Internal Payload Bay	✓ Aerodynamic	✗ External sling	✗ External
GPS-Denied Operation	✓ Mesh + Edge AI	✗ Fails	✗ Fails
Active Capture	✓ Proprietary	✗ Manual land	✗ Manual
Off-Grid Solar Power	✓ Built-in	✗ Grid needed	✗ Grid needed
National IP / Patent	✓ Pending 202631076432	✗ None	N/A

No product on the global market combines rotary magazine + ventral loading + active mid-air recovery in a single system.

BUSINESS MODEL

B2G + B2B Scalable Revenue Across India & Global Markets

CapEx

Direct Infrastructure Sales

Outright sale of complete System-of-Systems (ground stations + UAVs + C2 console) to NDRF, defence agencies, healthcare networks, maritime authorities.

RaaS

Robotics-as-a-Service

Monthly/annual lease of autonomous hubs for municipalities, hospital networks & international agencies preferring lower capex.

SaaS

Software & Telemetry Licensing

High-margin recurring licensing for C2 platform, edge-AI vision, fleet management & encrypted telemetry. Scales with fleet size.

AMC + IP

Maintenance & IP Licensing

Annual Maintenance Contracts for recurring revenue. International patent licensing to foreign governments & enterprises in desert/mountain regions.

TRACTION & RECOGNITION

AUTODESK **Technology Impact Program**

"Technology for Good" Global Initiative

~$10,000 USD

≈ ₹9 Lakhs | 3-Year Grant

Awarded for deep-tech social impact. Unlocks Autodesk Fusion, Inventor, AutoCAD & 3ds Max for R&D acceleration.

AWS **Activate Program**

Startup Validation for High-Potential Innovations

$1,000 USD

≈ ₹90,000 | 1-Year Grant

Cloud computing backing to host AI-vision flight matrices & decentralized mesh telemetry — guaranteeing operations even during comms collapse.

ALIGNED WITH NATIONAL MISSIONS

Make in India · Atmanirbhar Bharat · National Deep Tech Startup Policy · Ayushman Bharat · National Solar Mission · National Security & Tactical Autonomy

THE OPPORTUNITY

Invest in India's First Zero-Human Drone Logistics Platform

USE OF FUNDS

- R&D completion & field prototyping
- IP filing — national & international patents
- Regulatory approvals & DGCA certification
- Manufacturing scale-up & pilot deployments

WHAT WE OFFER

- World-first patented architecture
- B2G + B2B + RaaS revenue model
- Autodesk & AWS grant-validated technology
- 100% indigenous — no foreign IP dependency

GET IN TOUCH

DIRECTOR & CEO

Subhradeep Sharma

EMAIL

Contact@inoure.com

PHONE

+91 9073010880

WEBSITE

inoure.com

COMPANY ID

CIN: U32100WB2022PTC252135