



THUANIKI
GLOBAL
VENTURES

THUANIKI GLOBAL VENTURES

Engineering-led renewable energy, prefab data center, product innovation and practical infrastructure solutions platform.

Profile 2026

Solution Architecture

IP/Patents

Innovation × Practical Precision × Sustainability

Confidential profile deck | client identities and white-label references excluded



Who we are

A versatile engineering and venture-building platform, not a conventional EPC-only company.

Engineering

Project design, procurement, commissioning and O&M logic.

◆ Innovation

New products, process improvement and commercialization pathways.

◆ Sustainability

Clean energy, circular reuse and efficiency-first solutions.

We convert real-world constraints into field-ready solutions — through engineering discipline, commercial clarity, and sustainable execution.

Thuanki Global Ventures develops and supports practical solutions across renewable energy, prefabricated data centers, AI-enabled digital systems, smart mobility, agri-tech, and product/IP creation.

The company also carries an angel-investor and venture-building lens through its product/process innovation ecosystem, including association with Skydne Global Solutions. Many assignments are performed under white-label or partner-led models; this deck therefore showcases capabilities without disclosing restricted client identities.



Our DNA

Innovation becomes valuable only when it can be engineered, procured, installed, commissioned and maintained.

Our DNA is built on innovation, practical precision, trusted execution, and sustainable impact. We convert real-world problems into engineered solutions that are scalable, commercially practical, and field-ready. Much of our work is delivered through confidential white-label partnerships, where we take ownership of design, procurement, commissioning, O&M, and process improvement with discretion and accountability. Across renewable energy, prefab data centres, AI platforms, mobility, agriculture, and product innovation, Thuanki focuses on creating solutions that work reliably in real conditions and generate long-term value.

01 Innovation

Conceptualize solutions for hard operational problems — not merely follow existing templates.

02 Practical precision

Translate concepts into BOM, procurement, execution method, QA/QC and O&M systems.

03 Sustainable economics

Design for lifecycle value, maintainability, efficiency and realistic cost positions.

04 White-label reliability

Protect partner/client identities while contributing deeply to technical outcomes.



Capability architecture

Five connected verticals built around a common execution discipline.

Thuanki's capability architecture is built as an integrated execution ecosystem that connects strategy, engineering, procurement, implementation, technology, and lifecycle support. We bring together renewable energy EPC, prefab data center deployment, AI and digital platforms, e-mobility, smart agriculture, product/IP development, and sustainability-led innovation under one practical operating framework. This allows us to move from concept to feasibility, design, sourcing, prototyping, commissioning, O&M, and continuous improvement with clear technical ownership. Our strength lies in combining multi-domain expertise with disciplined project execution, enabling clients and partners to access a versatile, confidential, and outcome-driven engineering platform.



One spine: Concept → Design → Procurement → Execution → Commissioning → O&M → Improvement

The same discipline is applied across utility solar, C&I/residential solar, solar+BESS, edge/prefab data centers, AI-enabled surveillance, ERP/CRM, e-mobility, smart agriculture, and engineered products.

From concept to production/commissioning & beyond

A delivery model designed for complex, multidisciplinary assignments.



P Procurement precision

Vendor alignment, commercial comparison, BOQ/BOM maturity, delivery sequencing.

C Commissioning discipline

Inspection, testing, punch closure, handover dossier and operational release.

O O&M thinking

Maintainability, performance tracking, preventive maintenance and lifecycle improvement.

W White-label execution

Confidential capability delivery where public client naming is restricted.

Renewable energy EPC & hybrid power (FLEX-PV)

Residential, C&I, utility-linked, weak-grid and remote-site applications.

Internal work samples include Ground & Roof mount Solar EPC, coastal elevated solar concepts, floating/lagoon solar evaluations, utility-scale solar pre-feasibility and solar+BESS product logic. Public client details are intentionally omitted.

Solar EPC

Site assessment, layout, BOQ, procurement support, execution planning, commissioning and O&M.

Hybrid systems

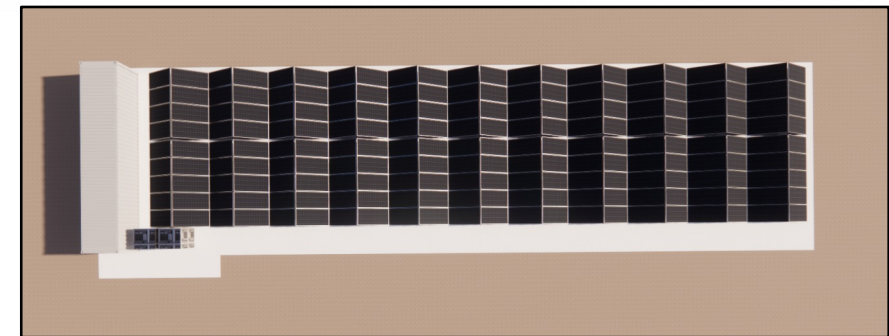
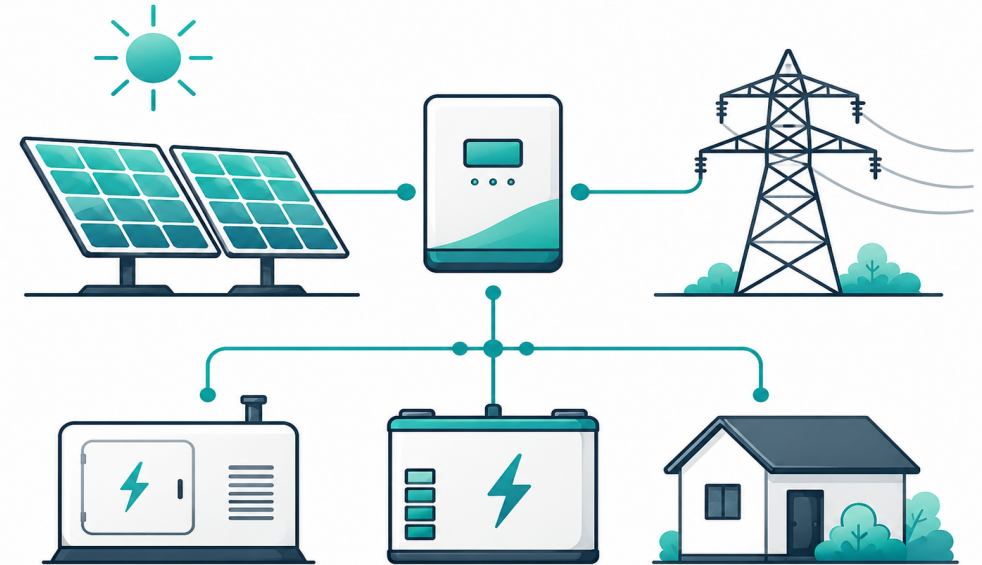
Solar + BESS + grid / generator logic for continuity, peak shaving and weak-grid reliability.

Project design

Techno-commercial design, pre-feasibility, performance assumptions, capex/opex and risk logic.

Lifecycle O&M

Performance monitoring, preventive maintenance, safety, spare planning and continuous improvement.



Prefab data centers & critical infrastructure

Containerized infrastructure requires rigorous interface control — civil, electrical, cooling, fire, IT and documentation.

Strength: turning prefabricated modules into commissioned infrastructure in real site conditions.



1 Civil & placement

Foundations, lifting, positioning, leveling and external support readiness.

2 Electrical & earthing

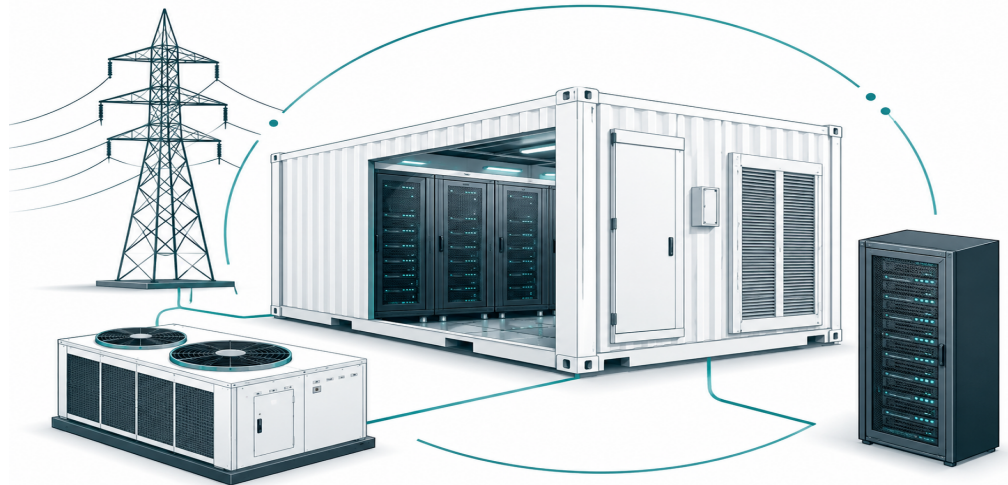
Panel integration, cabling, bonding, earthing, testing and safety release.

3 Cooling systems

Condenser placement, piping, pressure/vacuum tests, charging and start-up.

4 Commissioning & handover

FM200/FAS/VESDA coordination, commissioning, punch closure and documentation.



Product & IP bank

Thuanki's innovation engine: identify practical problems, develop solutions, package them for deployment.



I Concept rationales

Problem definition, market logic, technical pathway and commercialization direction.

A Product architecture

Mechanical, electrical, software, AI and energy systems packaged around use-case needs.

P Prototype-to-field

Design for manufacturability, pilot validation, serviceability and cost optimization.

IP IP protection

Structured documentation, ownership clarity and confidentiality-safe collaboration.

Products from the internal portfolio include FlexPV / FlexPower, Bess Bank, VisionEdge, Climafy, PureKnife, EV conversion concepts, smart farming, CCTV/remote systems and modular infrastructure solutions.

Digital platforms, ERP and AI systems

Practical software platforms that support operations, visibility, safety and decision-making.



AI AI video intelligence

Event-centric VMS, real-time detection, local storage and operational alerts.

ERP CRM / ERP platforms

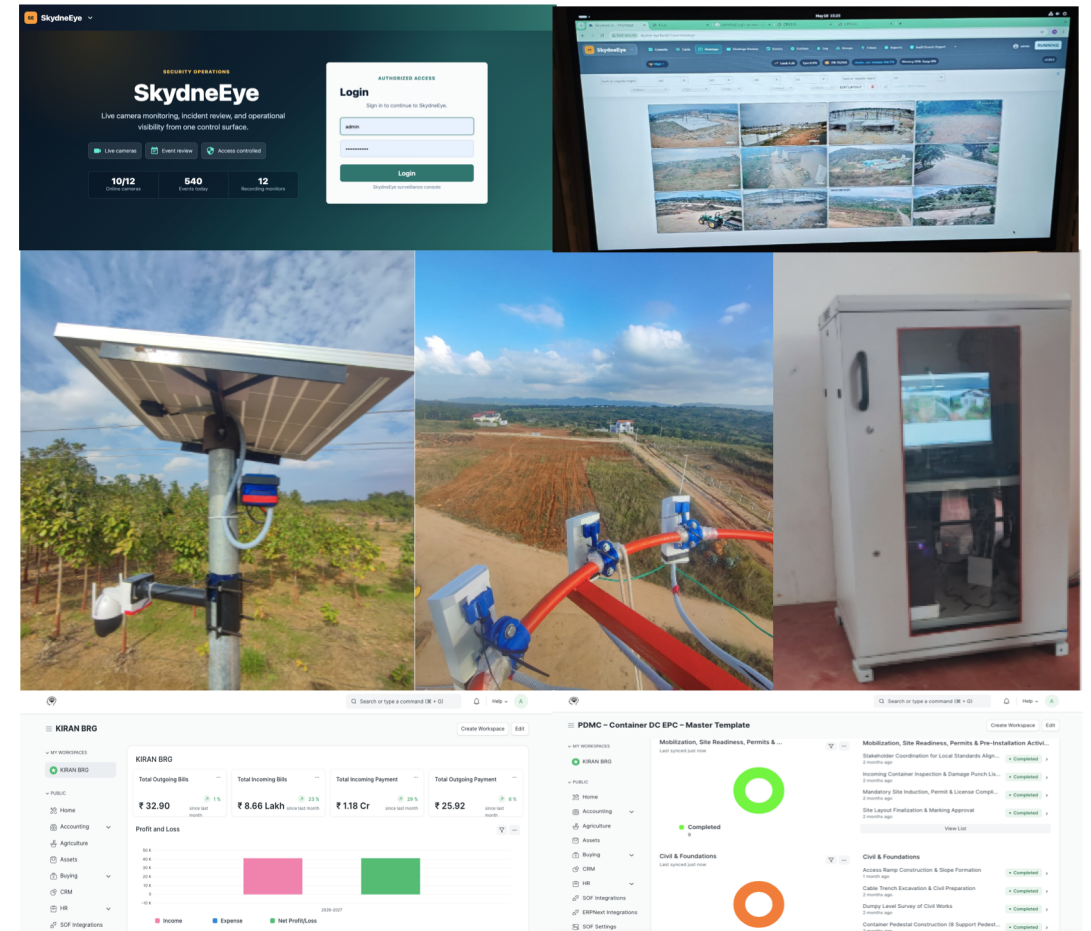
Managed open-source cloud platforms, workflows, dashboards and reporting.

REP Project reporting

Daily/weekly progress reporting, evidence capture and stakeholder dashboards.

API Automation-ready

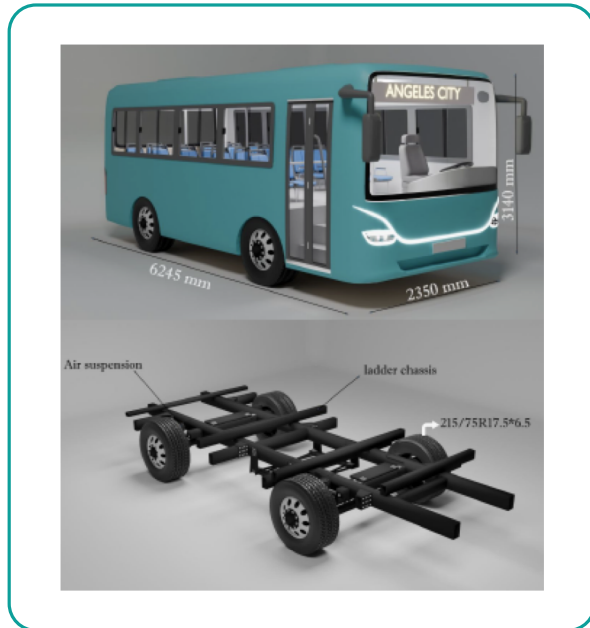
APIs, analytics, user roles, audit logs and future AI insight modules.



The digital vertical strengthens Thuanki's EPC and product work by bringing process visibility, field data, remote monitoring and decision support into one operating layer.

Smart mobility & field automation

Clean mobility, autonomous machines and field systems designed around practical operating economics.



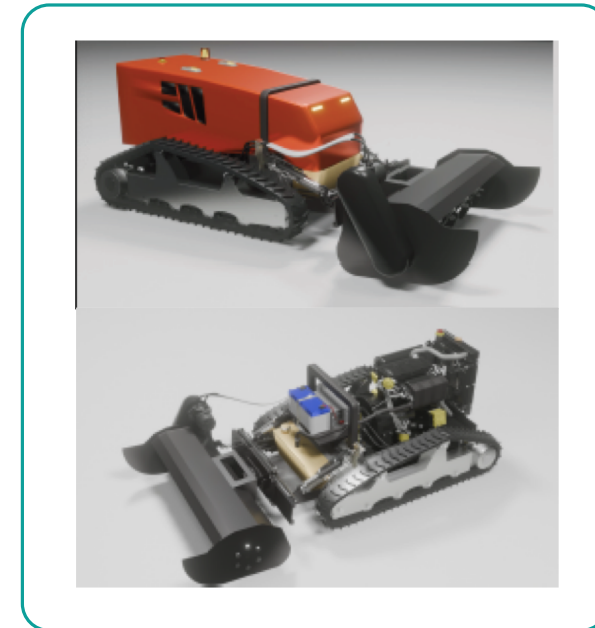
EV E-mobility programs

Vehicle specifications, fleet rollout logic, charging/swap infrastructure and maintenance models.



PV Renewable charging hubs

Solar+BESS-powered charging and swapping concepts for grid-independent operations.



AUTO Autonomous field systems

Drones, agri-bots and remote surveillance for farms, infrastructure and remote assets.

Smart agriculture & sustainability practice

Where renewable energy, IoT, drones, robotics, ERP and process design meet field realities.

S Sensor layer

Soil, weather, water, crop and equipment data collection using field devices and UAVs.

M Management layer

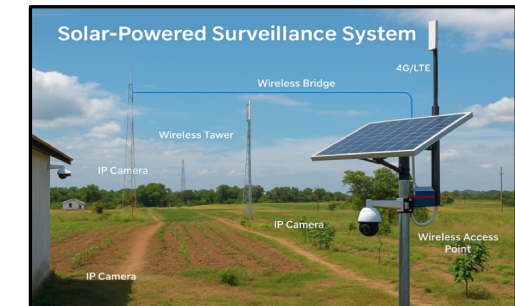
Data cleaning, standardization, dashboards, farm process models and ERP integration.

A Automation layer

Drones, robots, actuation, irrigation logic, alerts and smart farm workflows.

E Sustainability layer

Lower energy use, resource efficiency, traceability and field-level resilience.



This vertical is important to Thuanki's identity: practical sustainability across agriculture, energy, water, automation, and rural infrastructure.

White-label delivery, confidential by design

A mature operating model for partners who need deep capability without public attribution.

We can be visible as Thuanki, invisible as a white-label engineering partner, or integrated as a strategic technical partner — depending on the client’s need.



1 Protected identities

No unauthorized use of client names, logos or restricted project images.

2 Clear role language

Claims are framed as design, procurement, execution support, commissioning or O&M capability.

3 Evidence-ready

Live project photos, reports and deliverables can be added in controlled versions.

4 Partner-friendly

Supports EPCs, OEMs, investors, developers and technology companies behind the scenes.

5 Commercially disciplined

Professional documentation, pricing realism, procurement logic and execution accountability.

Representative capability evidence

An anonymized view of the kind of work reflected from the internal document set.



1 Coastal Solar EPC

Elevated / lagoon / floating solar concepts, yield logic, capex and investor framing.

2 Utility Solar EPC

Pre-feasibility, technical assumptions, financial model, permits, risks, procurement, implementation & Commissioning.

3 Prefab data center EPC

40 ft modular data center installation planning, electrical/cooling/fire interfaces and handover reporting.

4 Hybrid backup system(FLEX -PV)

Solar + 500 kWh BESS + grid logic for critical infrastructure continuity.

5 AI & ERP platforms

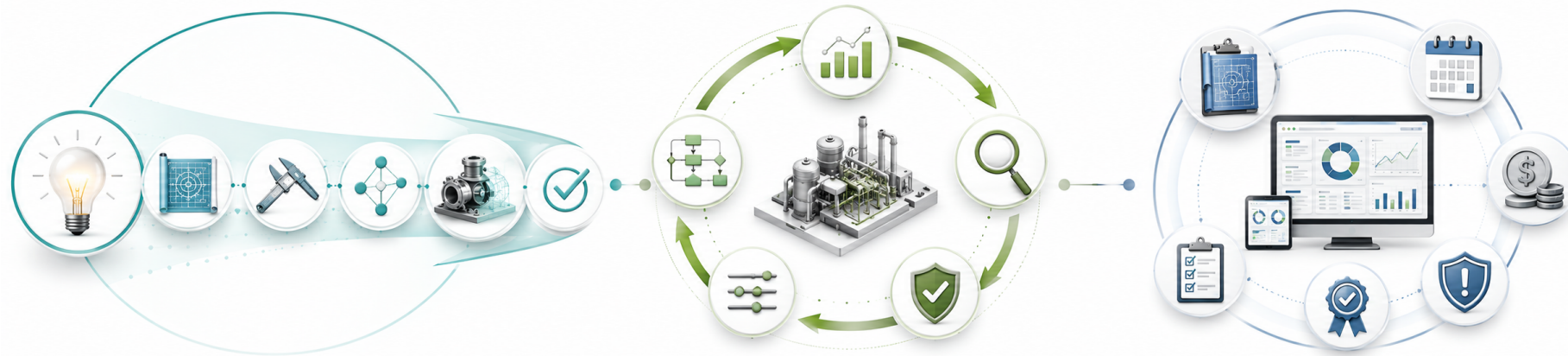
VisionEdge, CRM/ERP and reporting workflows to convert raw data into decisions.

6 Product rationales

Climafy, PureKnife, mobility, agri-tech and modular infrastructure concepts.

Process innovation methods

Product and process work is strengthened through structured improvement frameworks.



DMADV

Define → Measure → Analyze →
Design → Verify

For new products, systems, services
and engineered solutions.

DMAIC

Define → Measure → Analyze →
Improve → Control

For improving existing operations,
products, field processes and
quality.

Project controls

Scope → Schedule → Cost → Risk →
Quality

For EPC, procurement,
commissioning, O&M and
stakeholder reporting.

The result is not only an idea bank, but an implementation system: documented, auditable, trainable and repeatable.

Quality, procurement & commissioning discipline

Execution is a system — not only site activity.

1 Vendor prequalification

Quality, cost, warranty, delivery, compliance and after-sales evaluation.

2 BOQ / BOM maturity

Commercially grounded quantities, components, consumables and interfaces.

3 Site execution control

Workfront planning, safety controls, inspection points and risk mitigation.

4 Commissioning release

Testing, punch closure, documentation, training and O&M handover.



Design is incomplete unless procurement, commissioning and O&M have already been considered.

Gallery Project & product



How clients engage Thuanki

Flexible models for different levels of visibility, responsibility and commercial structure.

D 1. Direct Thuanki engagement

Publicly branded project design, engineering, EPC support, product development or consulting.

P 3. Strategic product partner

Joint product conceptualization, design, prototyping, pilot, vendor development and commercialization.

I 5. Investor / venture lens

Angel-investor mindset, Skydne ecosystem alignment, business model development, market logic and practical funding narratives.



W 2. White-label technical office

Confidential design, procurement, costing, reporting, commissioning or O&M support under partner brand.

E 4. EPC / PMC support

Project controls, vendor coordination, Installation, QA/QC, site reporting, commissioning, handover and lifecycle support.

S 6. Sustainability practice

Efficiency, resilience, renewables, lifecycle costing and resource-aware implementation.

Strategic position

Precise enough for EPC work. Broad enough for innovation-led infrastructure.

Thuanki is an engineering-led venture and implementation platform — built to move from idea to field deployment with commercial discipline.

Thuanki stands at the intersection of engineering execution and practical innovation. We bring deep multidisciplinary capability to design, develop, procure, commission, operate, and continuously improve real-world solutions across renewable energy, prefab data centers, AI platforms, mobility, smart agriculture, and product-led infrastructure.

Renewable Energy

Data centers

AI / ERP

Mobility

Agri-tech

Products / IP





THUANKI GLOBAL VENTURES

**Innovating practical infrastructure for a cleaner,
smarter and more resilient world.**

Renewable energy • Prefab data centers • Product innovation • AI/ERP platforms •
Smart mobility • Sustainability practice

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Client-ready profile | Thank you for your valuable time.

