



Engineering-led project advisory

Technical clarity. Financial confidence.

A stronger basis for project,
investment and lending decisions.

TEV studies and DPRs. Independent lender
oversight. Engineering, energy and project
advisory.



Discuss your project



Company profile | October 2026



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One connected project view.

Founded in 2018, Bitcon connects technical assessment, commercial analysis and financial modelling to support project owners and lenders from initial planning through appraisal and implementation.

For project owners

Test the concept, define the project, plan investment and identify technical gaps before they become difficult to resolve.

For banks and lenders

Examine proposal assumptions, assess technical risks and monitor implementation through a clearly defined independent mandate.

Relevant experience

Renewable energy, solar manufacturing, real estate, hospitality and selected industrial and infrastructure projects.

Find the support your project needs.

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TEV and feasibility studies

Test the project case before a major investment or lending decision.

Technical foundation

Review location, technology, capacity, utilities and implementation plans against the proposed operating requirements and output.

Commercial assumptions

Examine demand, pricing, utilisation and operating costs, connecting the revenue forecast to project operations.

Financial resilience

Test costs, funding, cash flow and repayment coverage under relevant downside scenarios and operating assumptions.

Risks and conditions

Document site findings, approval status, missing information and conditions supporting the final viability conclusion.

What you receive

A TEV or TEFR with financial schedules, sensitivity analysis and documented conclusions. Report format, review rounds and clarification support are agreed at appointment for each assignment.



Detailed Project Reports

Turn a project concept into a structured technical and financial case.

Project configuration

Define products, capacity, process, equipment, facilities and the infrastructure needed to support the operating plan.

Costs and resources

Build cost estimates covering capital items, working capital and contingency, alongside proposed sources of funds.

Implementation pathway

Connect development stages, procurement, construction, approvals and commissioning requirements with the project timetable and costs.

Operating and financial model

Translate capacity, sales, pricing and operating assumptions into projections, cash flows and relevant financial indicators.

What you receive

A DPR covering technical configuration, project costs, funding assumptions, implementation and financial projections, with a clear project narrative and agreed supporting schedules for the intended recipient.

Market research and assessment

Give demand and revenue assumptions a practical basis.

Industry and competing supply

Review industry structure, competing offerings, suppliers and trends relevant to the proposed project and customers.

Location and catchment

Assess customers, access, demand drivers and competing locations against the proposed project and operating model.

Demand and pricing

Examine expected volumes, occupancy, prices and revenue against comparable offerings and the anticipated demand buildup.

Research and uncertainty

Combine secondary sources with agreed field research, identifying assumptions and factors that could change forecasts.

What you receive

A market assessment covering research sources, demand, competition and pricing, with implications for project capacity, operating assumptions and the financial model used for the decision.

Due diligence & cost vetting

Examine the evidence behind an asset, budget or proposed investment.

Asset and site condition

Review asset condition, capacity and infrastructure through technical records and site work within the agreed scope.

Fitness for proposed use

Check buildings, equipment and services against the intended use, identifying changes and specialist studies needed.

Scope and cost consistency

Check quotations and estimates against technical scope, quantities, exclusions and assumptions affecting the investment requirement.

Implementation exposure

Review technical interfaces, approvals and outstanding decisions that may affect costs, timing or operational readiness.

What you receive

A technical due-diligence or cost-vetting report with findings, assessment basis, material gaps and recommended follow-up within the agreed scope.



Lender's Independent Engineer

Connect the lender's technical review with documented site evidence.

Technical baseline

Review project records, technology, costs and the programme to establish the baseline and unresolved technical questions.

Physical progress

Compare site progress with the programme, reporting delays, scope changes and dependencies affecting remaining work.

Expenditure and drawdown

Review expenditure evidence against physical progress and appointment requirements; assess drawdown or certification within scope.

Completion and follow-up

Assess completion, testing and handover records, reporting unfinished work and matters requiring further technical follow-up.

What you receive

Technical and progress reports, scoped disbursement certification and completion assessments. Bitcon does not arrange debt on projects where it acts as the lender's independent consultant.



Engineering and PMC

Keep design decisions, site activity and completion requirements connected.

Design and procurement

Prepare or review specifications and drawings, coordinate interfaces and evaluate bids before procurement and construction.

Site coordination

Provide agreed site supervision, coordinate contractors and track progress, changes and technical decisions affecting execution.

Quality and equipment checks

Review equipment records, inspect agreed works or factory tests, and track observations against project requirements.

Commissioning and handover

Support testing, follow up punch points and review completion, as-built and operating records for handover.

What you receive

Engineering outputs, technical evaluations, progress records, quality observations and testing or handover support, matched to the owner's agreed responsibilities, site arrangements and the project programme.



Renewable energy advisory

Connect the energy resource, engineering configuration and project economics.

Solar resource and yield

Review solar-resource inputs, plant configuration, generation assumptions and losses that influence estimated energy and project economics.

Wind resource and micrositing

Analyse wind-mast data, site conditions, turbine positioning and generation assumptions to inform the proposed development layout.

Site and engineering

Assess land, access, infrastructure and grid connection, identifying engineering interfaces and missing technical information.

Commercial and delivery assumptions

Connect generation, costs, delivery timing and power-sale assumptions with commissioning, revenue and operating performance risks.

What you receive

Resource and yield studies, feasibility inputs, TEV or DPR and engineering advice. Project layouts, PMC and lender oversight are scoped as needed.



Energy and sustainability

Turn energy and environmental objectives into a practical assessment plan.

Energy use and losses

Review energy records, equipment and operating conditions to identify significant uses, losses and measurement needs.

Efficiency investment options

Compare improvement measures, demand patterns, implementation requirements and estimated savings to support practical investment priorities.

Green-building pathway

Select the applicable IGBC, GRIHA or LEED pathway; coordinate design requirements, scorecards and submission evidence.

Carbon-project readiness

Assess eligibility questions, baseline and monitoring requirements; prepare agreed documents and coordinate independent programme assessment.

What you receive

Energy assessments, improvement priorities, green-building documentation or carbon-readiness outputs, as agreed. Statutory requirements and separately accredited assessment are confirmed before appointment for the relevant programme.

Project finance & funding readiness

Prepare the project information needed for a focused lender discussion.

Funding requirement

Review investment, working capital and proposed funding, identifying gaps in promoter contribution and financing needs.

Cash flow and repayment

Examine financial schedules and repayment assumptions against implementation timing, operating performance and proposed financing terms.

Lender information readiness

Organise project records, reconcile financial assumptions and identify missing information before discussions with prospective lenders.

Mandate and coordination

Agree coordination responsibilities and terms; discuss syndication separately, confirming the delivery team, mandate and scope.

What you receive

A funding-readiness review, financial model, information checklist or lender coordination. The lender decides financing terms, sanction and disbursement.



Technical depth. Accountable delivery.



Ramesh Davane

CEO, Bitcon

BEE Certified
Energy Manager

Engineering and advisory experience since 2005, including earlier roles at MITCON and ITCOT. Ramesh founded Bitcon in 2018.

Ramesh leads the engagement, with technical and financial inputs matched to the project scope.

A clear working agreement

Scope, inputs, milestones and clarification support are agreed before work begins.

Institutional empanelments.

Appointments for specified technical services, subject to the lender's scope and eligibility requirements.

NaBFID

National Bank for Financing Infrastructure and Development

NaBFID

TEV and LIE across infrastructure, including data centres.

Valid to January 2027



Karnataka Bank

TEV studies and Lender's Independent Engineer services.

Valid to July 2029

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UCO BANK

UCO Bank

TEV and LIE through the Bangalore Zonal Office.

Valid to June 2029



Bank of India

TEV studies for manufacturing and power projects, pan India.

Valid to September 2027



Institutional empanelments.



Central Bank of India

TEV: renewable energy, clusters and energy efficiency; up to Rs. 100 crore; Hyderabad and Pune zones.

Valid to June 2028



Bank of Maharashtra

TEV Category B; exposure up to Rs. 25 crore.

Valid to December 2026



NABARD

TEV through DCAS, Mumbai; bank-wide scope with site visits.

Valid to May 2027

Each appointment remains subject to the institution's terms. Empanelment does not guarantee project approval or finance.



Client and project references.



22 MW solar project,
Chitradurga



Axis Amarissa,
Bengaluru



Riyom Crown
serviced apartments



Oak Serenity Resort,
Mandya



3.0 GW TOPCon solar
cell manufacturing



Pavagada solar
PV project

References include proposed developments and do not imply commissioned assets.



From drawings to site delivery.



22 MW AC / 28 MWp DC

Rohan Solar Power I Chitradurga

Project Management Consultancy

Design review, civil and electrical site supervision, quality checks, equipment inspections, testing, commissioning support and handover.

A clear path from brief to report.

01 Define the decision

Agree the project question, intended use and lender requirements.

02 Agree the mandate

Confirm scope, independence, inputs, site access, fees and milestones.

03 Review the evidence

Review records and undertake the site work or research included in the appointment.

04 Test the project case

Connect technical, market and financial findings; test sensitivities and identify material gaps.

05 Report the findings

Set out conclusions, evidence, risks and outstanding conditions in the agreed report format.

06 Clarify and follow through

Discuss findings, answer scoped queries and agree the next monitoring milestone, where relevant.

The right inputs make a better start.

For project owners

Project concept and location; land and approvals status; drawings and quotations; cost and funding plan; revenue and operating assumptions.

For banks and lenders

Appointment terms; borrower proposal and DPR; sanction or appraisal conditions, if available; disbursement/progress records; reporting format and deadline.

DPR or TEV?

A DPR develops and documents the project case. A TEV study appraises its technical and financial viability. The appropriate appointment depends on the decision and lender's requirements.

A realistic timetable

Typically, TEV: 2-3 weeks; DPR: 3-4 weeks after complete inputs. Scope, site access and query rounds determine the agreed schedule.



Start with the right scope.

Share your project brief or lender requirement. We can discuss the work needed, key inputs and a realistic timetable.

A useful first message includes

- 01 Project type, location and stage
- 02 Approximate cost and lender, if known
- 03 Decision needed and target date



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