

Capital Projects and Infrastructure

Our services and solutions

August 2020





Our services and solutions for capital projects

Construction projects have become highly complex and involve several inherent risks and challenges. Managing these projects requires a wide range of skills and competencies for different functional areas including engineering, finance, planning, procurement, construction, contract administration, information technology (IT), quality, and environment, health and safety (EHS), in addition to sectoral knowledge. The challenge lies in making these multidisciplinary functional areas work together seamlessly for the efficient delivery of projects.

PwC assists its clients in managing their capital projects through a wide variety of solutions and services.



Project location strategy
Location assessment and financial modelling for project investments



Springboard
Establishing a foundation for project success



Stage-gate management
Assessing organisational readiness for project implementation



Independent project review (IPR)
Providing independent and objective insights on project status and health



Stressed assets confidence
Evaluating assets and investments for protecting and enhancing value



Procurement and contract lifecycle management
Managing procurement process and contracts with stakeholders



Digital projects
Leveraging digital solutions and enhancing them for efficient execution of projects



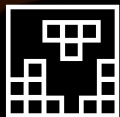
Construction equipment management
Improving efficiency of plant and machinery (P&M) assets across projects



Project delivery through intelligent controls
Building and sustaining an environment that puts client in control of their projects



Project recovery solution
Step by step recovery approach for devising & implantation of recovery plan



Dynamic Project Modelling Tool
Establish a dynamic project model to “maintain” or “reduce negative variance” in project viability during the project lifecycle till the Project gets commissioned



Our team is equipped to deliver value to stakeholders – government officials, developers and operators, contractors, fund managers, investors and corporate development executives.









Project location strategy

PwC assists its clients in identification and selection of an optimal location for greenfield investments, according to their requirements. We also study regulatory and policy aspects to assess various incentives provided by the Central and state governments and associated statutory rules and regulations.



PwC recommends a holistic assessment of the value chain and related elements that affect the techno-economic viability of a project. The key parameters that need to be examined before taking any investment decision are:




 Adequate market	 Product pricing	 Connectivity
 Future demand	 Government regulations	 Reasonable budget and time

How do project owners evaluate the attractiveness of a location for the project and translate the vision for expansion into action in line with the market scenario?

Our proposed value addition

Location assessment	Feasibility analysis
<ol style="list-style-type: none">1 Understand project specifications and make a list of alternate project locations2 Analyse alternate project locations and identify and shortlist them3 Evaluate shortlisted locations based on our assessment model4 Conduct due diligence (evaluating incentives and favourable regulations, labour availability, utility cost and supply chain efficiency)5 Conduct impact assessment (scenario analysis)	<ol style="list-style-type: none">1 Market assessment: Assess the basic health of this industry and future opportunities and challenges.2 Technical assessment: Work with technical partners to seek/validate all critical technical input parameters.3 Block cost estimates: Prepare a preliminary project cost.4 Financial modelling: Assess the economic feasibility of a project, structuring of project finance and conduct sensitivity analysis.

Impact

 Improve the probability of success in projects	 Assist in taking a go/ no-go decision	 Cost savings potential during the set-up and development phase
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Case studies

PwC has provided project location assessment and feasibility analysis for leading manufacturing firms:

- Location selection and feasibility for a new export-oriented formulations manufacturing plant
- Location identification and feasibility for a pharmaceutical manufacturing facility
- Location feasibility for a manufacturing plant in Jordan
- India entry strategy for a South American pump manufacturer
- Market assessment and block-cost estimates for the construction of a heavy engineering plant

Managing capital projects



Springboard

Springboard helps organisations ensure they get the most from their capital projects by establishing the capability, frameworks and processes to provide the roadmap for achieving project outcomes.






Typical challenges

The early stages of a major project are critical to its successful completion. Organisations need to take control, which becomes a real challenge when embarking on a project for the first time, or taking on a project of unfamiliar complexity.

Our proposed value addition

Springboard helps organisations that are:	How Springboard can assist organisations
<ul style="list-style-type: none">1. embarking on a complex and challenging project2. unsure of how to bring their vision to reality or struggling to define a clear path ahead3. in need of clarity on whether they have the right people, processes, systems and governance to deliver a project successfully4. seeking to relaunch or reinvigorate a project that has lost direction, momentum or focus.	<ul style="list-style-type: none">1. Defining the project: Bringing clarity to the objectives and benefits, developing robust requirements, scope, costs and timelines.2. Building the organisation: Shaping and embedding an organisational operating model that is capable of seeing the project through delivery and into operation.3. Getting in control: Establishing the short-term capability, governance and monitoring frameworks needed for the project to evolve from the development to delivery phase.4. Holistic assessment of risk: Conducting quantitative analysis of internal and external risks associated with the initiative and assisting in developing a mitigation strategy.5. Developing contracting strategy: Aligning with project objectives, scope and risk to minimise claims.

Impact

 Clear path to success	 Building capability and frameworks to deliver	 Risks flagged early and confidence in readiness
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Case studies

PwC is assisting a leading original equipment manufacturer (OEM) engaged in the manufacturing of track machines for periodic maintenance of railway tracks in assessing potential opportunities in a new line of service.

How we helped:

- Provided Market Overview of the sector in terms of potential opportunities, implementation challenges, regulatory overview, collaboration options for bidding.
- Developed a risk mitigation plan based on a thorough analysis of internal and external risks associated with the project.
- Established a revised operating model and capabilities required to cater to new services in terms of resources, monitoring frameworks and contracting strategy.




Stage-gate management


PwC assists businesses/project owners and engineering and construction (E&C) firms in developing and implementing a stage-gate strategy through incorporation of decision points and controlling the progress of projects/investments.




Typical challenges

Managing a vast portfolio of projects can be challenging and firms need to have a streamlined approach in managing these portfolios and have a forward-looking plan to allocate resources in an effective manner. Usual challenges include:

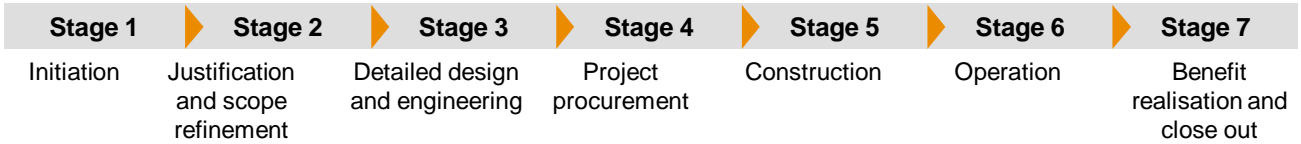
Lack of insights for prioritisation of projects

Inadequacy of forward planning

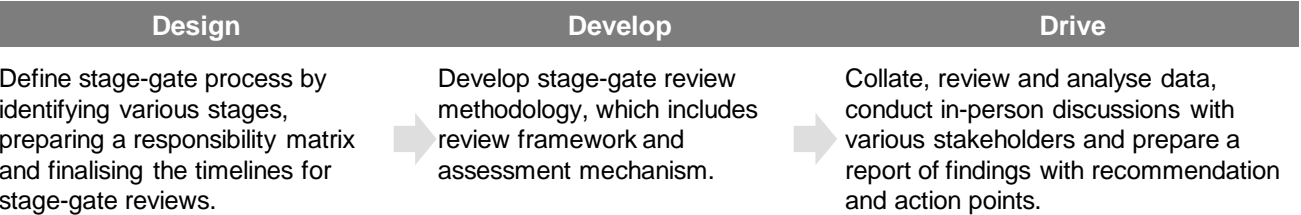
Ineffective resource allocation in projects

Our proposed value addition


Identifying key risks at each stage and mitigation measures for those risks and providing structured, systematic and progressive action points for undertaking implementation of capital projects. The typical stages in a project are:





PwC’s tested and proven 3D (design, develop and drive) methodology will enable our clients to proactively drive the project towards achieving business objectives.




Impact

Transparent assessment to provide project status and future readiness

Improved front-end planning, resource mobilisation and risk-mitigation plan

Empowered senior management to take timely action in targeted areas for performance improvement

Dynamic monitoring and management response at each stage

Case study

PwC is currently conducting stage-gate review for a leading airport developer for projects across India.

3 projects	1 greenfield, 2 brownfield projects	~ INR 16,500 crore (USD 2 billion)	Total value of projects	15 stages	Each project has 5 stages
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How we helped:

- Systematic interface management between different functions, reducing timelines for engineering review & handover/ takeover with operations
- Progressive updation/ reduction in contingency budgeting based on Risk workshops
- Adoption of Value Engineering ideas for cost reduction




Independent project review (IPR)


PwC assists by providing an independent point of view on project statuses, providing a definite view on key problem areas and identifying improvement opportunities with a recommendation on course correction, thereby enhancing the overall capital project performance.





Typical challenges


In India, approximately 30% of the capital projects experience cost and schedule overruns during their course of implementation, as per data published by the Ministry of Statistics and Programme Implementation. Key reasons for these delays include:


 Scope creep

 Inaccurate baseline

 Procurement delays

 Low labour output

 Underestimation of budget

 Regulatory challenges

How do project owners and E&C firms ascertain whether the projects are on track for timely completion and overcome these issues to deliver the intended objectives?

Our proposed value addition

Assessment parameters and analysis shall vary depending upon the size, complexity and stage of the project.

■ Planning

Implementation

Closure ■

Key activities during the planning stage:

- In-depth review of project schedule regarding dependencies, float, critical path and hard constraints
- Review of project budget and recommendations on contingency planning
- Assessment of incumbent project monitoring and reporting frameworks
- Evaluation of project risks and a risk management plan


Key activities during the implementation stage


- Review of the schedule, critical path, resources and milestones
- Develop revised schedules and resource plan as per prevailing site conditions
- Review of actual cost incurred and develop estimate at completion (EAC) and variance analysis
- Review of project risk and updation of the risk register based on revised scores


Key activities during closure stage:

- Assist in delay analysis for extension of time (if applicable)
- Review of operation and maintenance (O&M) manual (if applicable)
- Review of full and final invoices of sub-contractors/vendors
- Review of bulk material reconciliation, financial instruments and payment compliance, i.e. collection of all outstanding and change orders

Impact

 Improved margins through identification of cost reduction, avoidance or recovery opportunities

 Adherence to the project schedule and timely completion of projects

 Contractual compliance by sub-contractors, vendors and suppliers

Case study

PwC is assisting a Central Government ministry in conducting an independent review of export oriented infrastructure projects being funded by them.

PwC assisted a PPP concessionaire in ascertaining the accurate cost of construction for their under construction four-lane highway project.

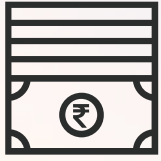
Number of periodic reviews of projects

> 65

> INR 1,500 crore (USD 214 million)

20% of cost variance – proactive identification

Combined value of projects being reviewed



Stressed asset management

PwC's Stressed Asset Confidence provides insights into the correct value of the asset, identifies drivers that can help protect and enhance asset value through providing insights on potential risks and helps in developing a preservation/enhancement plan.



Typical challenges

On their path towards growth and expansion, entities may end up being financially stressed and may find it difficult to successfully deliver projects and manage assets in hand, thus posing a risk to their sustainability. The reasons for this could be internal and external and can be addressed through interventions for capturing value.

Our proposed value addition

Stressed Asset Confidence service helps organisations or financial institutions where:

- projects/portfolios are under financial distress and are unable to meet their financial commitments, and the board is keen to understand how their value could be enhanced
- lenders find that the value of the asset is rapidly deteriorating and are keen to address low-hanging fruits to arrest the downside
- investors/lenders are facing the dilemma of cost for completion vs further risks to capital in case of assets that are under construction.

Our approach

- **Diagnostic:** Conduct as-is assessments, create a baseline for value, diagnostics of markets, operational and financial parameters
- **Protect:** Provide expertise to evaluate the asset at both operational and strategic levels, identify potential risks and create a mitigation plan, strengthen communication channel from ground to the board to facilitate decisions.
- **Enhance:** Create a plan for value enhancement to prevent further deterioration and put in place controls and a management information system (MIS) for monitoring.

This can assist the clients in:

- increasing utilisation and contribution margin per asset
- reduction in maintenance cost over a period of time
- identification of assets that could be discarded as cost of running is higher than the replacement value.

Impact



Correct asset value and cost at completion



Protection and value enhancement



Direct line of sight of ground realities

Case study

Advise on resolution plan of a ~ 1400 MW coal based power plant in the state of Chhattisgarh

Advise on preparation of resolution plan and due-diligence for a 600 MW coal based power plant under the NCLT

Advise on possible policy level interventions for thermal power plants for EGOM

Advise to acquire a large portfolio of distressed renewable assets

Due-diligence support to one of the largest IPP in India to acquire distressed renewable assets.

Options for monetization of assets, value analysis and structuring considerations.




Procurement and contract lifecycle management


PwC assists project owners and E&C firms in assessing and improving procurement and contracts functions in a holistic manner by streamlining processes, identifying savings opportunities and using digital tools.





Typical challenges


Delays in procurement have a cascading effect on the overall project schedule and costs. Weak procurement methodology, ineffective safeguards in contracts and a lack of documentation can result in unnecessary claims and adversely impact profitability. Key issues in procurement and contract include:


 Poor communication

 Inordinate delay in approvals

 Long procurement cycles

 Lack of documentation

 Uncontrolled scope changes

 Absence of vendor scorecard

Our proposed value addition


Procurement management support


- Analysing procurement diagnostics and analysis by assessing spend analysis, possibilities and obstacles (PO) analysis to identify wastage and deliver savings and efficiencies
- Implementing intelligent controls through process framework, standardised processes and key performance indicators (KPIs) for procurement processes
- Developing contracting strategy with aim for maximising value for money (VFM)
- Developing customised digital tools (eProcurement tools) to automate procurement processes
- Developing a vendor performance measurement system


Contract management support

- Ensuring robust vendor compliance through development of contract execution plan
- Supporting in managing scope changes and claims management and assessing the reasonableness of claims from third parties
- Ensuring successful contract closure and handover to operations
- Managing a contract creation workflow repository and developing a clause library

Impact

 Reduced turnaround time in procurement activities

 Reduced contractual claims and effective mitigation of risk

 Robust vendor/supplier database with performance assessment for future projects

Case studies

PwC assisted a Government agency engaged in the development and management of inland waterways in India :

160+ Nos.

Tenders and expressions of interest prepared from concept till issuance of work orders

~ 30%

Reduction in average procurement cycle time

PwC assisted a leading EPC player in a power plant project.

INR 6.8 crore (USD 1 million) in savings

Assessment of claims filed by the contractor regarding schedule and terms and conditions (T&C) of the contract

Managing capital projects




Digital projects

PwC provides a range of innovative solutions and customised digital platforms that are designed to address most pressing organisational challenges. These digital platforms enhance project performance through targeted interventions aimed at reducing the process time, facilitating stakeholder coordination and improving productivity at sites.




Typical challenges


Capital projects have been struggling with similar challenges on time and have been slow to adopt digital processes and technology innovations. Digital solutions address the following typical challenges:




Data integrity




Delayed decision making




Low productivity



Manual processes



Stakeholder communication




Duplication of efforts


Our proposed value addition

Project monitoring

- Scheduling and tracking
- Cost control
- Issue/risk management
- Sub-contractor performance




Digital dashboard




- Real-time tracking of KPIs for enabling proactive decision making
- Reduces effort on repetitive activities
- Detailed package-wise analysis

On-field execution

- Construction progress
- Workfront planning
- Productivity mapping
- Resource deployment




Emerging technology (Internet of things, drones and handheld devices)




- Near real-time reporting of progress
- Performance improvement for equipment and manpower
- Reduction in material wastage
- Predictive planning and early warnings

Workflow management

- Procurement
- Work orders and billing
- Contract management
- Communication




Automated workflow tools




- Reduced turnaround time
- Reduced human errors
- Easier collaborations
- Better accountability and transparency

PwC has developed the Quality and Inspection Solution (QIS), a web-based workflow-enabled tool that can track end-to-end quality management processes.


Impact



Single version of truth – accurate reports across KPIs



Reduced turnaround time and manual errors on processes



A holistic view as well as detailed drilldown information across work packages

Case study

PwC has provided digital solutions to various leading project owners and E&C firms in India.

Leading EPC player in India

Drone for progress monitoring

Projects worth > INR 2,000 crore (USD 371 million)

12–15% effort saved in monitoring

A leading airport developer in India

Near real-time digital project reporter tool

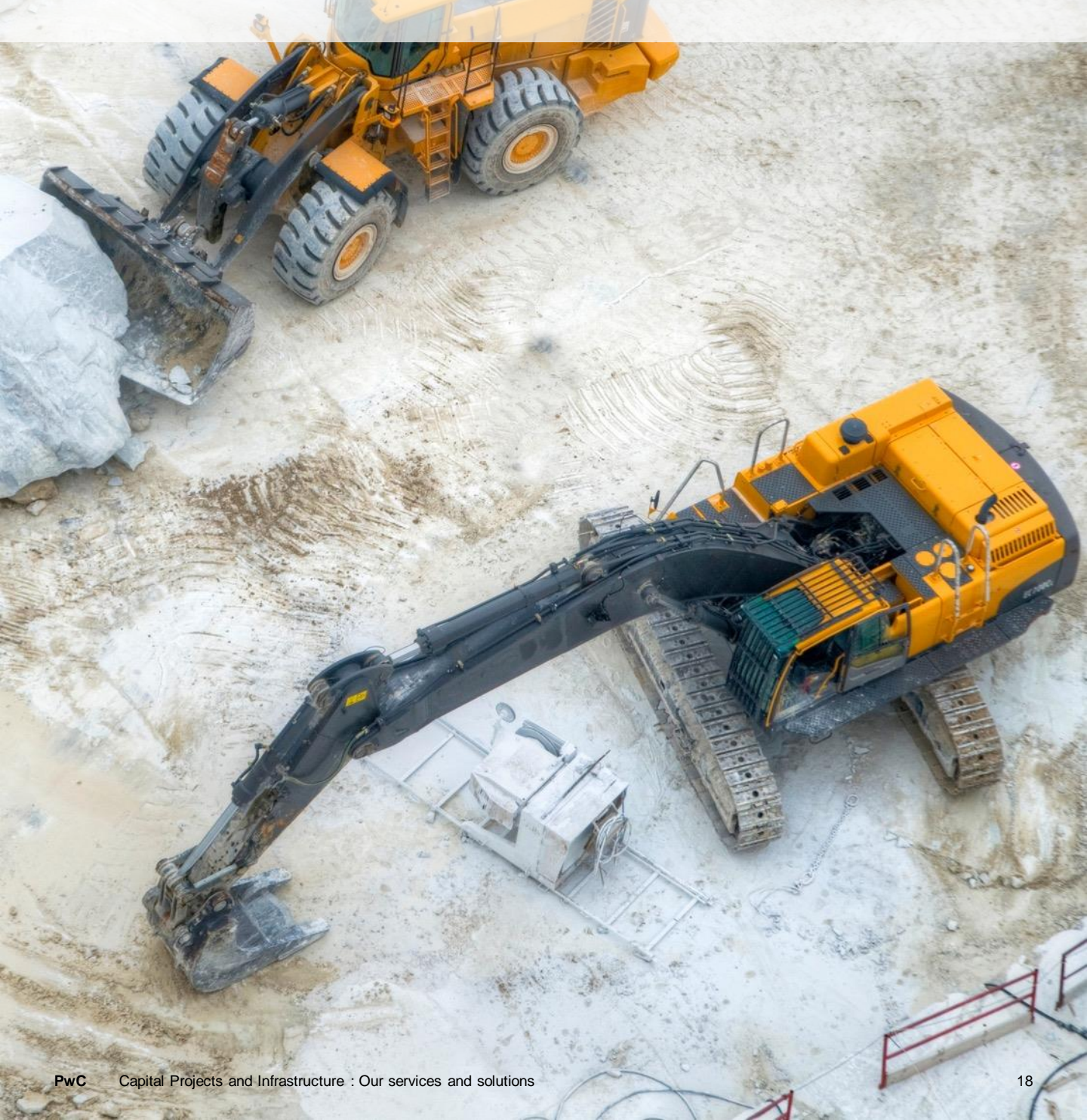
Projects worth >INR 17,000 crore (USD 2 billion)

5–7% effort saved in monitoring




Construction equipment management


PwC assists in improving P&M productivity across construction sites by undertaking a rapid assessment to identify the root causes for low productivity of P&M assets. We further design targeted interventions such as better work-front planning, monitoring KPIs and preventive maintenance schedules aimed at improving productivity of assets and proactive monitoring of utilisation.





Typical challenges


Delay in deployment, low P&M productivity and its idling can have multiple, cascading impact on the overall project schedule and budget. Key reasons for low productivity include:


 Improper planning

 Unscheduled maintenance

 Work-front unavailability







 Ineffective monitoring

 Equipment age and condition


 Lack of skilled operators


Our proposed value addition


We undertake a streamlined approach to measure, analyse and improve P&M productivity across different categories.

Approach	P&M categories
<ul style="list-style-type: none">Collection of data through IoT sensors/devicesCollection of data sets and their analysis for performance assessment (through KPIs) and identification of assets which are performing below the benchmarkField visits and interviews with project teams to assess the root causes for low-asset productivityAssist in preparation of a data-driven and condition-based preventive maintenance strategyDigital dashboards for monitoring of asset productivity and real-time information on vital statistics and KPIsIntegration of a P&M deployment plan with the construction schedule in order to avoid idling	<div> Cranes and material handling</div> <div> Concreting equipment</div> <div> Construction equipment</div> <div> Project/sector-specific equipment</div> <div> Earth moving</div> <div> Production plants (concrete/ bitumen, etc.)</div>
	Sample data sets
	<div><ul style="list-style-type: none">Schedule shift hoursMaintenance hoursBreakdown hours</div> <div><ul style="list-style-type: none">Operator/fuel/ lubrication costOwnership period</div>

Impact

 P&M cost savings and preventing cost overruns

 Productivity improvement resulting in optimum utilisation

 P&M performance database for future planning

Case study

PwC assisted a leading EPC player engaged in the electricity transmission and distribution (T&D), railways and oil and gas business in India and Africa in assessing its P&M productivity across project sites.

INR 15 crore
USD 2 million) savings

Identified P&M savings potential across oil and gas, railways and T&D verticals.



Project delivery through intelligent control

PwC assists in improving the project delivery through intelligent control aimed at enhancing project success parameters. We further provide handholding to drive the changes at project sites and help clients realise the intended benefits of their projects.







Typical challenges

In our experience, most capital projects run into delivery problems for reasons that are remarkably consistent and predictable. Project owners and E&C firms need to focus on the following areas to improve delivery of projects:




 Scope management	 Stakeholder and communications	 Schedule and cost management
 Supply chain management	 Risk and opportunity management	 Contract, quality and HSE

Our proposed value addition

Model implementation framework

Process	People	Technology	Our fast-track approach to streamline delivery models
<ul style="list-style-type: none">Principles of front-end planning for dynamic and iterative planning and monitoring frameworkIntelligent controls through streamlining of processes, RASCI, KPIs and, integration	<ul style="list-style-type: none">Capability development of project teams through workshops and focused group discussionsDevelop knowledge management and training modules for project teams	<ul style="list-style-type: none">Monitoring project progress and productivity through emerging technologiesDeveloping e-workflow tools for procurement, contracts, quality and safety inspection	<div> Planning, monitoring and reporting framework</div> <div> Workshops to discuss suggested methodology</div> <div> Implementing suggested solutions across process, people and technology</div> <div> Roll-out sustained tracking and performance improvement through handholding</div>

Impact

 Front-end planning and proactive resolution of issues	 Reduced turnaround time on account of optimised processes	 Tracking and result driven reporting
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Case study

PwC has been supporting a nodal government agency engaged in the development of inland waterways over the past five years in various initiatives/projects across sectors.

>INR 12,000 crore (USD 1.5 billion)	Managing the portfolios of projects across India
~ INR 800 crore (USD 106 million)	Two inland waterway terminals inaugurated within the schedule and budget
> 80	Clients were assisted by us in their handling of contractors, consultants and suppliers



Project recovery solution

PwC assists clients with a step-by-step recovery approach for devising new plans for projects post disruption. We assist clients with the resumption of projects without a recovery plan, as well as re-engineering and implementing plans for projects with an existing recovery plan.

Project disruptions

- Project disruption is an **unforeseeable or unexpected event** negatively impacting the KPI and objective of a project during its lifecycle.
- PwC can assist project owners and E&C firms by providing them with a **project recovery solution that focuses on restarting** a project immediately post disruption. Such a solution helps in the speedy recovery of lost time and project revenue, and ensures project continuity.
- Our solution will primarily capture major disruptions that fall under the **low-probability and high-impact** categories.

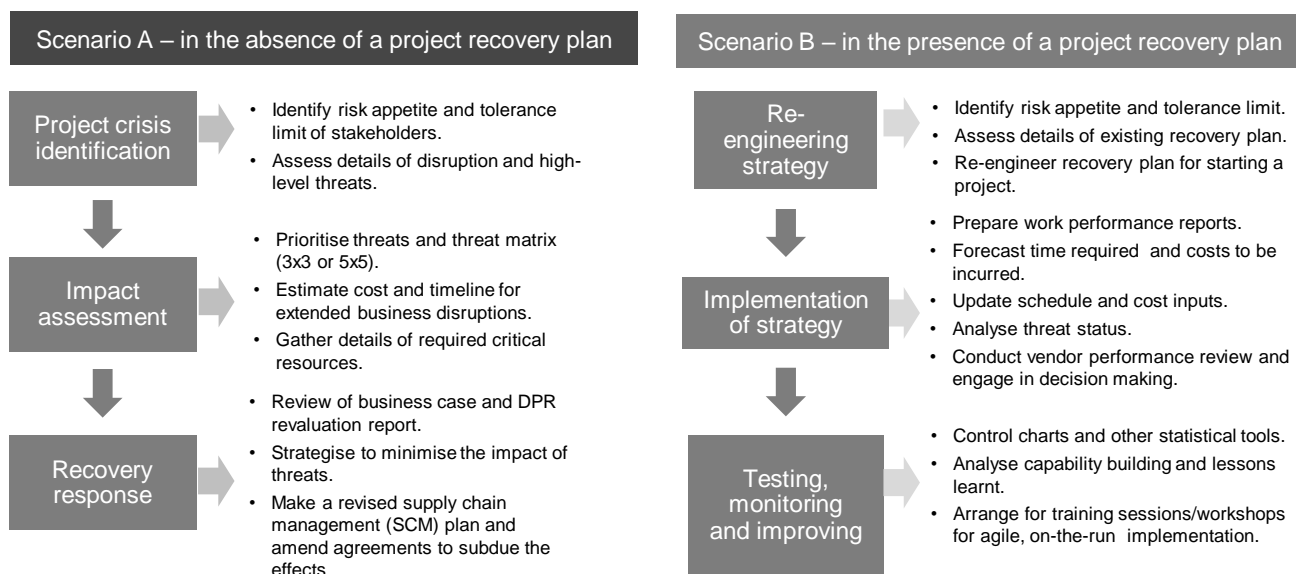
Abnormal weather conditions	Pandemics	Industrial/human accidents	Bankruptcy/ non-performing assets (NPAs)	Local disturbances
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Key impact areas





 Increased cost	 Loss of site productivity	 Loss of time	 Health and safety
 Workforce unavailability	 Supply chain interruption	 Contractual obligations	 Competitive loss

Our solution is based on organisational readiness to tackle a disruptive event:

- We recommend a step-by-step recovery approach for projects **without a project recovery plan** and re-engineering and implementing plans for projects **with an existing project recovery plan**.
- Our approach is based on the concepts of **recover and sustain**, with the aim of prioritising immediate and long-term responses.



Benefits envisaged

 Kick-start	 Project and operation continuity
 Minimise financial losses	 Long-term responses

Project dimensions

Engineering	Workforce
Supply chain	Procurement
Cashflow	Construction



Dynamic Project Modelling

PwC assist its clients in establishing a dynamic project model that maintains or reduces negative variance in project viability during the project lifecycle and until the project gets commissioned.

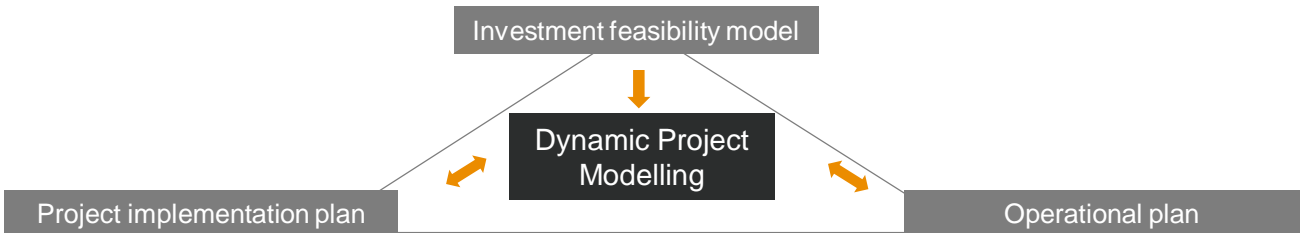


Premise

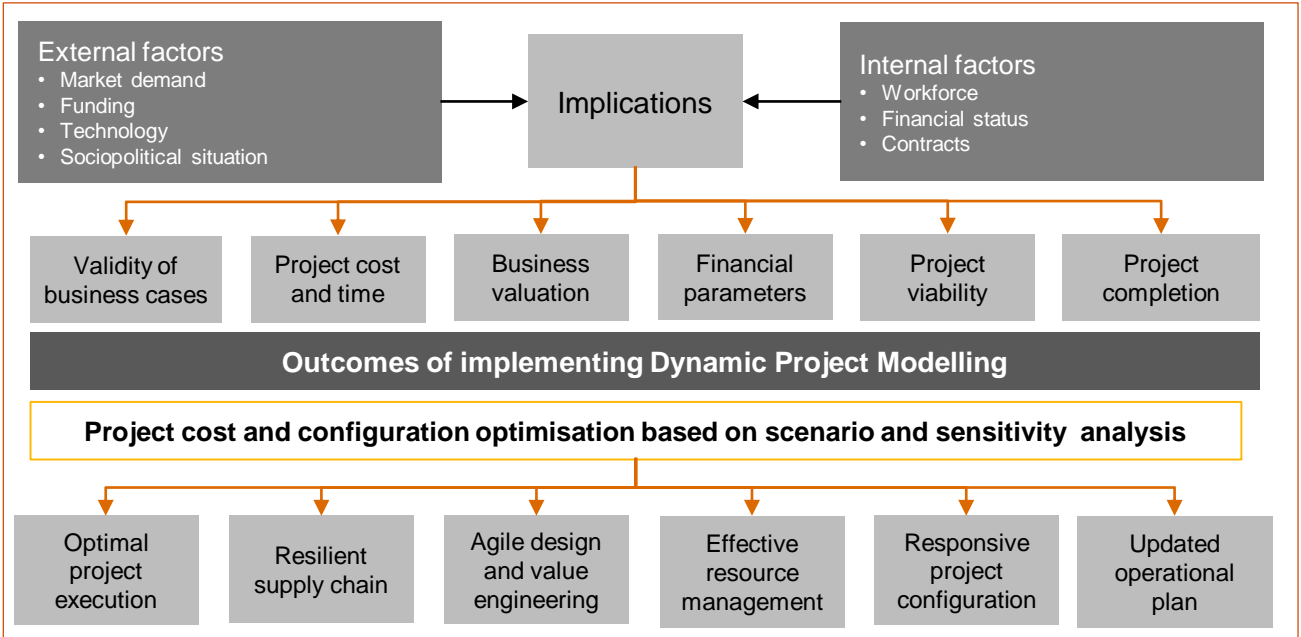
Large-scale capital investment projects are developed over a long duration and are often a part of an organisation's long-term growth plans. The decision to invest in a project and make it operational could take anywhere between 2–4 years. The time period is a long one and there is a probability of variations occurring in the original premise of the investment. There is a need to maintain the validity of a project's defined objectives till it is handed over to operations.

Objective

A dynamic project model needs to be established to maintain or reduce negative variance in project viability during the project lifecycle. Dynamic Project Modelling takes both external and internal factors into account and assesses their impact on the project. A stage-gate based approach is adopted to periodically monitor the project objectives with reference to the present status and allow the management to intervene for timely course correction.



Factors affecting project investment and decision taken during it's implementation



Benefits for project owners

01	Responsive financial planning	05	Validation of project objectives
02	Flexible growth strategy	06	Dynamic project planning
03	Efficient risk management	07	Improved decision making
04	Efficient resource utilisation	08	Performance assurance

Our target is to allow the project objectives to align with and adapt to the organisation's business growth objectives.

Our credentials

Client: Leading EPC player in India



Project description: Project management services for an 800 megawatt (MW) thermal power project in Andhra Pradesh, India

How PwC helped: Developed the project governance structure. Fast-tracked project schedules and an integrated project dashboard to facilitate decision making for the top management through exception/flash report.

Client: Leading downstream PSU



Project description: Owner's management consultant (OMC) to be a strategic consultant for PRFCC, PP and SRU projects

How PwC helped: Conducted the technical review of front-end engineering and design (FEED) and basic design engineering packages (BDEP) for robust EPC tender packaging. Established a project management system for setting up the project and reviewed planning and technical documents.

Client: India's largest EPC firm in terms of order book



Project description: Standardisation of a digital MIS system

How PwC helped: Defined key KPIs and drilldown features for strategic business unit (SBU) level evaluation. Developed a single source presentation for monthly review by the managing director (MD) at the group level.

Client: Leading real estate developer in South India



Project description: Business process rationalisation for project execution function.

How PwC helped: Developed roles and responsibilities based on value-added processes across project lifecycles to optimise complexities, streamline interfaces and reduce time cycle.

Client: Leading textile manufacturing firm



Project description: Project management office (PMO) advisory services for a brownfield visco-fibre expansion project

How PwC helped: Provided independent PMO planning and monitoring services. Scheduled optimisation of approximately 40 days by saving prioritisation of engineering drawings, resulting in saving of 26 days.

Client: Firm engaged in defence sector



Project description: Project management support for 3 largest defence network projects.

How PwC helped: Provided contract management support for change and claims management, and control. Set up early warning indicators – alignment of equipment delivery and construction milestone to expedite installation and commissioning.

Our credentials

Client: Prominent tyre manufacturing firm in India



Project description: Project management services for setting up a greenfield tyre plant

How PwC helped: Delayed avoidance in functional test requirement (FTR) by approximately 30 days by integrating process equipment requirements and infrastructure readiness. Flash reports and contractor's performance evaluation enabled faster decision making.

Client: Leading chemicals firm in Gujarat



Project description: Monitoring of 7 ongoing projects and preparing reports for the MD and project committee/board

How PwC helped: Independently monitored the project and reported to the board on project KPIs of ongoing projects to optimise project performance.

Client: Special purpose vehicle (SPV) formed for execution of smart city project



Project description: Programme management office for smart cities in Madhya Pradesh and Chhattisgarh

How PwC helped: Worked on the development of a project management framework and an MIS system for tracking of area-based development (ABD) and pan city solutions (IT interventions).

Client: SPV formed by a state government



Project description: Programme support office for an SPV formed for development of mining affected districts

How PwC helped: Developed a project management framework and SOPs for approval and sanction of funds for implementing agencies. Monitored the framework to ensure that funds are being utilised in accordance with guidelines approved by the Supreme Court of India.

Client: Central Government ministry



Project description: Programme monitoring unit for review of export-oriented infrastructure projects in India

How PwC helped: Reviewed over 85 projects across India with respect to adherence towards approved project schedules, budgets, quality and safety compliance at sites.

Client: State transport department



Project description: Redevelopment and regulation of transportation infrastructure

How PwC helped: Set up project management units, turkey processes and monitoring for development and implementation of projects across the country, prioritising projects, procurements and overall facilitation for the sector.

About PwC

At PwC, our purpose is to build trust in society and solve important problems. We're a network of firms in 157 countries with over 276,000 people who are committed to delivering quality in advisory, assurance and tax services. PwC refers to the PwC network and/or one or more of its member firms, each of which is a separate legal entity. Please see www.pwc.com/structure for further details.

For more information about PwC India visit us at www.pwc.in

About PwC's Capital Projects and Infrastructure team

PwC's Capital Projects and Infrastructure team is a specialist business unit focused on delivering projects and programmes within a stipulated time and budget. To date, we have assisted our clients from public and private sectors in delivering projects worth an aggregated value of over INR 1.6 lakh crore (USD 23 billion).

Our team includes qualified engineers, architects, urban planners and financial experts to serve the full asset lifecycle. The team has significant work experience in urban infrastructure, real estate, industrial manufacturing, oil and gas, power, ports and inland waterways, airports, roads and highways, metals and mining, railways and Government programmes.

Our aim is to assist our clients in maximising profitability and ensuring project delivery by adding value across each stage of a project lifecycle, i.e. from concept to commissioning.

Contact us



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