



IDEAS THAT BUILD NATIONS















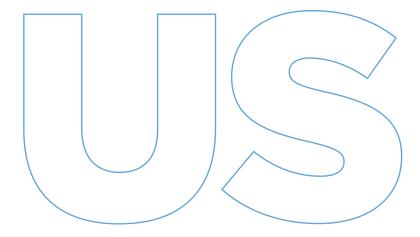
CONTENTS

SECTORS



SERVICES





Infrastructure is a nation's backbone, crucial to social and economic growth. Infrastructure Development Corporation (Karnataka) Limited (iDeCK) is a development consulting firm offering sustainable infrastructure solutions, specially customized for growing economies.

Established in 2000 as a joint venture company, incorporated under the Indian Companies Act, 1956, between the Government of Karnataka (GoK), IDFC Foundation (a not-for-profit arm of IDFC Ltd.) and Housing Development Finance Corporation Limited (HDFC), It has been set up to conceive and initiate well-planned, future-ready infrastructure and infra projects.

iDeCK's team of professionals have proven strength in the areas of public policy, governance, planning & design, project finance and implementation monitoring, supported by shareholders with expertise in diverse areas. To date, iDeCK has played an active role in successful development of over 700 infrastructure projects.



iDeCK has proven strengths in the areas of public policy, governance, planning & design, project finance and implementation and has contributed to the successful development of over 700 infrastructure projects.



We provide value through deep engagements with clients and have in place proven delivery practices. Our in-house expertise is honed towards providing a holistic approach to successful implementation of projects and programmes.

We have pioneered several first-of-its-kind projects including:

- City roads under BOT framework in Kerala
- First BOT annuity and BOT toll road in the State of Karnataka
- Rail line development through PPP Hassan to Mangalore City
- First Sanitary landfill facility in the State of Karnataka
- 24x7 water supply projects in state of Karnataka
- Structuring of Performance Based Deferred Payment Structure (PBDPS) contracting framework for urban infrastructure projects
- Renovate-Operate-Maintain-Transfer (ROMT)
 model contracts for tourism property development Karnataka and Kerala states
- Capacity building for over 7000 Government functionaries including elected representatives, civil service officers, engineers and other functionaries across sectors

Fund management agency



Project Development Fund

iDeCK is the fund management agency for a PDF (Project Development Fund) earmarked for infrastructure project development by the Government of Karnataka. iDeCK, in association with other Government agencies, initiates the development of infrastructure projects to be implemented through private participation.



Project Investment Fund

With an aim of facilitating private sector investments in infrastructure projects, a Project Investment Fund (PIF) is set up by Government of Karnataka. PIF is utilized for investments (debt or equity) in infrastructure projects in Karnataka and as a fund manager, iDeCK is responsible for:

- · Identification of projects for Investment
- Project appraisal (Technical & Financial)
- Finalization of terms of investment
- Investment portfolio management
- Monitoring the project during construction and operations
- Exit management

IDeck 5

What We Offer

Sectors



Urban

- Smart City Development
- Urban & Regional Planning
- Urban Design
- Water Supply & Waste water Ports
- Housing
- Solid Waste Management
- Sanitation



Transportation Energy

- · Roads & Highways
- Urban Transport
- Railways
- Logistics
- · Airports



- Solar
- Wind Hydro
- Energy Efficiency and Energy Audit
- Energy Storage Solutions



Tourism

- Destination Development
- Circuit Development
- · District/Area Tourism Master Plans
- Tourism Dashboard
- Tourism Product Ratings



IT& **eGovernance**

- Smart City Solutions
- Product Development & **Custom Solutions**
- · Project Monitoring Tools
- ERP



Social **Development**

- Education
- Health
- Governance
- Livelihood
- Community Development
- Economic Development
- Disaster Management
- · Climate Change

Services



Public Policy and Governance



Planning & Design



Engineering



Financial Advisory





Project & Programme Implementation Monitoring



Capacity Building



URBAN



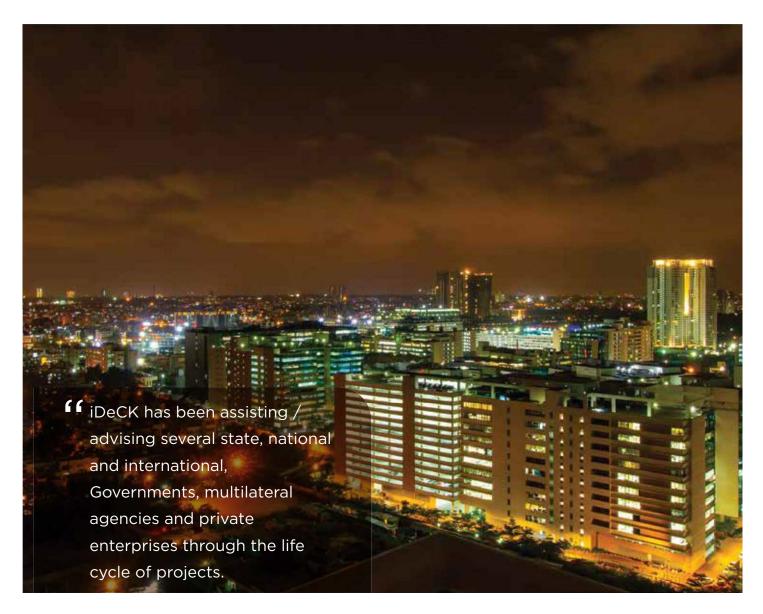


Smart City Development | Urban & Regional Planning | Urban Design Water Supply & Waste Water | Housing | Solid Waste Management | Sanitation



Urban

iDeCK has established an excellent track record in urban infrastructure. We have proven expertise in advisory and engineering services in various facets associated with urban infrastructure - water and waste water management, solid waste management, sanitation, lake development and urban planning. We also have extensive experience in carrying out feasibility studies, structuring of PPP projects, bid documentation, bid process management and monitoring of contracts across specialities in infrastructure projects.



Our expertise is in pre-feasibility studies, feasibility studies, DPR preparation, financial structuring & transaction advisory and project management/ construction supervision.

We have expertise is in drafting sector-specific policies and legislation, preparation of PPP manuals to serve as a guidebook for practitioners in implementing projects on the PPP framework, and a PPP compendium. The compendium documents the evolution of PPPs across various infrastructure sectors.







iDeCK's urban division has delivered pioneering work in various municipal/urban civic services, resulting in optimal utilization of existing assets and creation of new assets. The mainstay of our advisory services has been the design and implementation of urban policy initiatives. We have developed a framework for private sector participation in municipal projects (including service contracts, management contracts, concessions, performance based deferred payment structures etc.)

Our other important achievement is the measurement of effectiveness of municipal services delivery, and the assessment of fiscal status of municipalities, to ascertain the ability to borrow and implement projects. We have also suggested innovative approaches for augmenting fiscal position, and redevelopment/creation of commercial properties on various public private partnership models which deliver the best value to municipalities.

In addition to financial advisory services, we are also well-versed with capacity building programmes and preparation of training toolkits for urban infrastructure financing options under PPP mode, targeted at officials of various Government bodies in infrastructure space.

We are among the preferred consultants in urban sector, especially in water and waste water management, sanitation, and solid waste management, having worked on some of the key projects in India. Our urban experience also includes projects across urban planning and management, housing infrastructure, health infrastructure and real estate development.

iDeCK has been associated with many major state and central Government urban infrastructure projects. We have successfully completed smart city proposals for 6 cities in India and have been selected as project management consultant for various smart city implementation projects under smart city mission.

Besides, we are working on various technical and policy making projects under Swacch Bharat Mission. A dedicated team of strong, reliable, and efficient professionals are working towards the realisation of the proposed projects under these schemes.



Smart City Development

iDeCK's urban planning division has been involved in the development of city level strategies, policies, and proposals for various urban infrastructure projects across India under several central and state level schemes. As part of JNNURM scheme, the team has developed City Development Plans for Bengaluru and Mysuru. The other activity is the development of City level Investment Plans for Belgaum and Mandya under state funding. This apart, we are also involved in the preparation of various technical feasibility studies, planning strategies, and proposals in the urban infrastructure sector.

The division has actively participated in MoHUA's Smart City Challenge in Round 1, Round 2 and Round 3. This included the development of Smart City Proposals for Madurai and Salem in Tamil Nadu, Tumakuru, Shivamogga and Hubbali Dharwad in Karnataka and Thiruvananthapuram in Kerala.

SMẬRT CITY







Leveraging our knowledge of the smart city mission and its objectives, we provide our services as PMC consultants to the cities of Bengaluru, Davangere, Patna and Rourkela. Our planning and engineering team is working earnestly towards the ultimate goal of delivering the components envisaged under Smart City Mission.

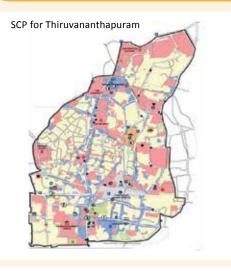
We contribute to various urban renewal projects towards creating a better urban environment and living conditions. This mainly includes projects such as lake conservation and development, heritage and conservation, market redevelopment, and open space/park development. A highly professional team of urban planners, urban designers, and infrastructure experts are working in synergy with an objective of delivering a world class solution.





Key Projects

City Level Strategies/ Proposals/Planning/Feasibility Studies



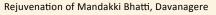
- Preparation of City Development Plan for the cities of Bengaluru and Mysuru, Karnataka
- Preparation of City Investment Plan for the cities of Belgaum and Mandya, Karnataka
- Preparation of a smart city proposal for Salem and Madurai in Tamil Nadu, Hubbali - Dharwad, Shivamogga and Tumakuru in Karnataka and Thiruvananthapuram in Kerala
- Investment plan for financing urban infrastructure projects in select towns of Karnataka
- Impact assessment of Urban Infrastructure Development Scheme for Small and Medium Towns (UIDSSMT) at Bijapur and Holenarsipura, Karnataka
- City Cluster Development for Bangalore Urban Agglomeration (8000 sq.km.), Karnataka

Policies/Regulations

- Governance options for Naya Raipur city, Chhattisgarh
- Drafting of legislation for Naya Raipur city, Chhattisgarh
- · Drafting of Anti-Littering Law, Bengaluru, Karnataka
- Drafting of Advertisement bye-laws, Bengaluru, Karnataka
- Consent fee framework revision for Karnataka Pollution Board

Detailed Engineering/ DPR Preparation

- Rejuvenation of Mandakki Bhatti SME cluster in Davanagere, Karnataka
- City level Command Control Centre building in Davanagere, Karnataka
- Redevelopment and design of K.R. market building, Davanagere, Karnataka
- Redevelopment of old city bus stand building, Davanagere, Karnataka
- Development of the heritage precinct of Durgambika Temple, Davanagere, Karnataka
- Rejuvenation and overall development of Veerasandra Lake, Bengaluru
- Lalbagh Lake under National Lake Conservation Plan, Bengaluru, Karnataka
- Recreational facilities (amphitheatre, walkways, lighting, musical fountain) along the Amanakere Lake, Tumakuru, Karnataka
- Project preparation for Kotekere lake conservation project in Belgaum city, Karnataka







Key Projects

Transaction Advisory Services/PPP Structuring

- Commercial properties in major cities of Bengaluru, Mysuru, Mangaluru, Hubballi, Vijayapura, Tirupathi and Ranchi
- Rejuvenation/redevelopment of markets for various ULBs (Bengaluru, Shivamogga, Mysuru and Mangaluru) and agri-market cooperatives
- Greenfield development project of Integrated township at Bidadi, Karnataka (9100 acres)

Concept/Feasibility

- Feasibility study for restoration of 4 lakes in Bengaluru city (Chikkabasthi, Amruthahalli, Manganahalli and Nelagadirenahalli)
- Feasibility studies for commercial properties in cities of Haveri and Tiptur, Karnataka

Project Management Consultancy Services

• PMC services for the Smart City implementation for the cities of Davanagere, Bengaluru, Patna and Rourkela









Water and Waste Water Infrastructure Development

iDeCK has developed strong domain expertise and experience in water and waste water management space. With a presence in transaction advisory and system engineering services, we're involved in projects at every stage of the water sector - development of concept, financial feasibility, detail design, transaction advisory and project management consultancy services.

We have been providing transaction advisory services for integrated drinking water supply projects to various cities across India for over a decade. Our experience includes definition of criteria and selection of private operators for India's first successful PPP 24x7 water supply project in pilot zones in three cities of North Karnataka (this was a project of Karnataka Urban Water Sector Improvement assisted by World Bank).

Besides, we have assisted various city corporations for conceptualizing and tendering projects under PPP mode.

Our prestigious projects include development of **Detailed Project Reports and** PMC services for bulk water supply systems (reduction in non-revenue water) for various cities and municipal corporations in India. We have been actively involved in strategic planning and policy making services for GoK - urban drinking water policy for Karnataka. We have considerable experience in developing waste water networks, storm water drainage and lake



Key Projects: Water and Waste Water Infrastructure Development

 Strategy and implementation plan for urban drinking water policy, Karnataka Policy Making/Guidelines/ Legal Structuring/Strategies

- Development of Performance Based Deferred Payment Structure (PBDPS) for the proposed North Karnataka Urban Infrastructure Development Project (NKUIDP)
- Survey on institutional improvement for executing agencies under JICA loan projects in water supply and sewerage, Karnataka
- · Restructuring of Karnataka Urban Water Supply & Drainage Board
- · Mainstreaming PPP at state level in Madhya Pradesh and Andhra Pradesh
- Preparation of operations manual for the implementation of 24x7 projects in the 3 cities of Karnataka - Hubballi - Dharwad, Gulbarga and Belgaum under Karnataka Urban Water Supply Modernization Project (World Bank funded)

Detailed Engineering/DPR Preparation and Transaction Advisory

- · Detailed design and engineering for water supply for Adityapur and Ramgarh towns, Jharkand
- Transaction advisory services for the development of integrated water supply to Bijapur & Chitradurga districts, Karnataka
- Transaction advisory services for the identification of technical auditor and operations consultant for World Bank assisted Karnataka Urban Water Sector Improvement Project (KUWASIP)
- Up-scaling of 24x7 water supply project in Karnataka cities on PPP in:
 - Gulbarga
 - Hubballi Dharwad
 - Belagavi
- · Developing a cluster pilot PPP basis in Morbi, Gujarat
- Development of water supply and sewerage networks in Naya Raipur under an appropriate PPP framework
- Transaction advisory services for developing a cluster pilot PPP project for waste water treatment plants (industrial effluents and municipal waste water) in 4 cities in Uttarakhand
- Preparation of a techno-economic feasibility report to set up a desalination plant for potable water supply to Mangalore city under PPP mode
- · TA services for water supply programme for peri urban areas in Uttarakhand





Key Projects: Water and Waste Water Infrastructure Development

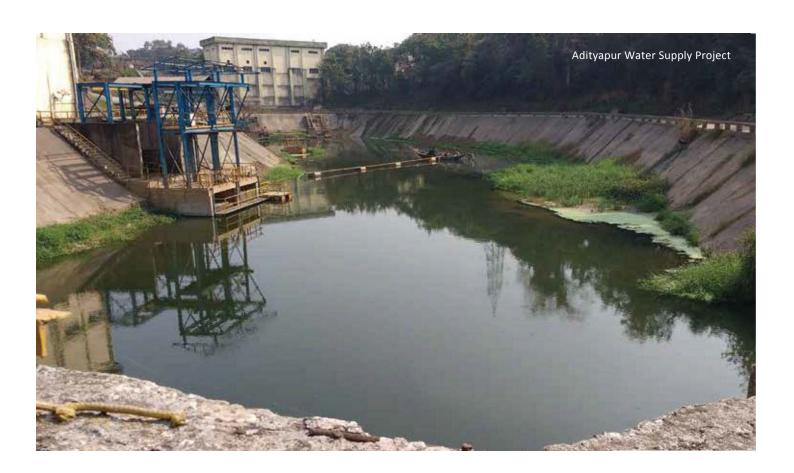
• Storm water drainage for Davanagere and Patna (smart cities)

 Sustainable drainage measures like rainwater harvesting in Davanagere **Concept/Feasibility Studies**

Our pioneering experience includes the structuring and selection of private operator for India's first successful PPP water supply project - the 24x7 project in pilot zones in three cities of North Karnataka (World Bank assisted Karnataka Urban Water Sector Improvement Project)

Project Management Consultancy Services

 PMC services for water supply schemes in Adityapur Municipal Corporation and Ramgarh Municipal Corporation, Jharkhand







Solid Waste Management

We have assisted Karnataka and several other State Government in the development of toolkits to enable implementation of solid waste management projects through PPP.

Our responsibilities in several projects have included activities such as assessment of service delivery levels, gap assessment, investment requirements, municipal finances etc., We are involved in the preparation of a SWM policy framework for State Government for effective implementation of Solid Waste Management.

Our clients include multi-lateral agencies such as the World Bank Group (Water and Sanitation Program, IFC) and the Asian Development Bank. We have also contributed to capacity creation by training officials working in select institutions in state/local Governments on conceptualisation, identification, design, bidding management, contract monitoring and management of PPP projects in SWM.

iDeCK has worked on MSWM assignments across the solid waste management value chain in India and other developing countries (Maldives, Bangladesh and Srilanka). Our experience includes development of strategy and action plans, Detailed Project Reports and collection, transportation, treatment and disposal strategies. We were involved in the development of India's first scientific landfill facility under a PPP framework in Bengaluru, Karnataka. 🗾



TRANSACTION ADVISORY

PROJECT MANAGEMENT CONSULTANCY



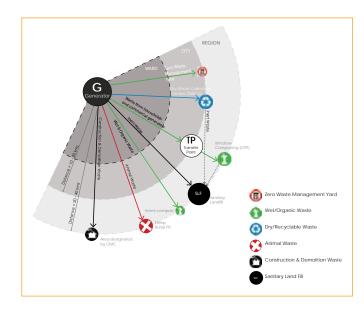
- ✓ SWM Strategies/ action plan, policies
- ✓ Detail Project reports
- √ Technical Feasibility
- ✓ Implementation Frameworks
- ✓ Technical & Financial Feasibility
- ✓ PPP Structuring
- ✓ Bid Documentation
- ✓ Bid Process Management
- ✓ ICT interventions
- ✓ Conceptualize, Prepare and Implement Monitoring Mechanism
- ✓ Prepare Training modules and toolkits
- ✓ Training and Capacity Building





Assessment of service delivery levels, gap assessment, investment requirements, assessment of municipal finances etc. have been part of iDeCK's services in many projects. We have assisted in preparation of SWM policy framework for State Governments for effective implementation of Solid Waste Management.

iDeCK has assisted the State of Karnataka and other State Governments in preparation of toolkits to enable implementation of solid waste management projects through PPP mode. Further, we have also assisted in creating capacity in selected State institutions for delivering training to officials working in State and Local Governments to be able to conceive of identify, design, bid out, contract, monitor and manage PPP projects in SWM.



Key Projects: Solid Waste Management

Policy Making/Guidelines/Legal Structuring/Strategies

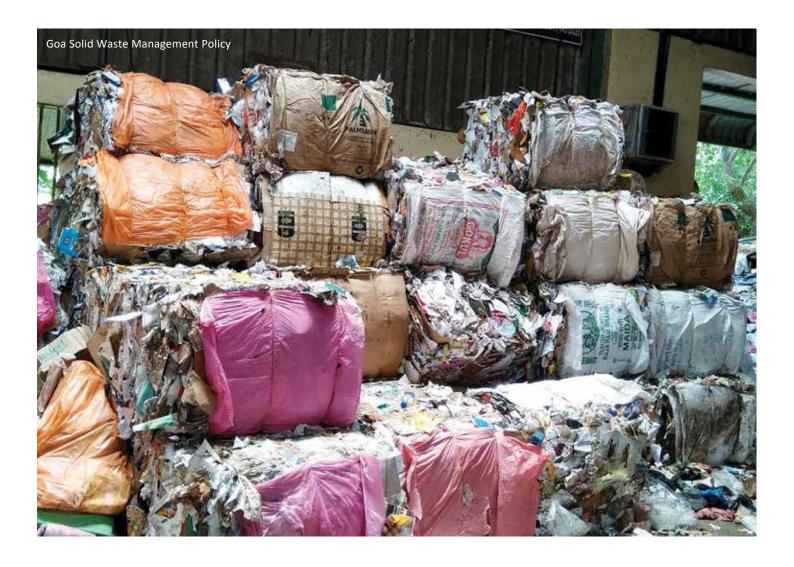
- Frameworks for implementation of SWM through PPP, Maharashtra WSP
- · Best practices in private sector participation in urban infrastructure in South Asia ADB
- Documenting issues and challenges in implementing SWM PPP projects in India ADB
- · Capacity development of urban public and environmental health project ADB
- · Capacity building for contract monitoring of SWM PPP Project in Maldives IFC
- Consultancy services to prepare a Solid Waste Management Policy for the state of Goa.
- · Toolkit for implementation of SWM services through PPP
- WSP, World Bank Group in Maharashtra
- Asian Development Bank, at national level
- Management of Municipal Solid Waste in Bengaluru, Katnataka review of normative standards.

Detailed Engineering/DPR Preparation

- Waste to Energy plant with IISc technology at Siruguppa
- Operations plan for West Bengal Solid Waste Management mission for Asansol and Durgapur
- Integrated Municipal Solid Waste Management Strategy for:
 - 7 ULBs of Mandya district under Swacch Bharat Mission
 - Davanagere city under Smart City Mission
 - Patna city under Smart City Mission
 - Mysore & Bangalore (under JnNURM), Bellary, Kanakapura
 - Thiruvananthapuram
 - Asansol and Durgapur







Transaction Advisory Services/PPP Structuring

- For collection, transportation, treatment and disposal of municipal solid waste under Nirmala Nagara Project of Government of Karnataka
- Management of collection and transportation in Bengaluru (198 wards)
- Documentation and bid process management for ISWM for Hyderabad city
- Implementation of collection and transportation action plan for Thiruvananthapuram Municipal Corporation
- Collection and transportation of Municipal Solid Waste in the select zones in Delhi
- 1000 TPD Waste to Energy Processing and disposal facility for SWM, Mumbai ADB
- Regional WTE facility (6 ULBs) at Taloja, Maharashtra
- Waste processing and engineered sanitary landfills in Bangalore, Visakhapatnam, Thiruvananthapuram, 8 ULBs in Karnataka





Sanitation

iDeCK has provided advisory services for several 'first-of-their-kind' initiatives towards improving service delivery levels in health and sanitation. We have an in-depth understanding of the sector specifically in terms of non-conventional and conventional sanitation infrastructure and septage management system.

Our range of services in sanitation includes assistance in the development of a septage management policy and operative guidelines, landscape study of sanitation systems (especially on-site systems), planning for sanitation services delivery at city level with private sector participation, structuring of efficient contractual framework for management of public toilets and development of standard service packages for decentralized sanitation systems.



Key Projects: Sanitation

Policy Making/Guidelines/Legal Structuring/Strategies

- Strengthening the Operation & Maintenance sector for servicing decentralized urban sanitation infrastructure in Karnataka Bremen Overseas Research and Development Association (BORDA) & CDD society
- Preparation of guidelines for integrated wastewater and septage management for Kerala and Andhra Pradesh - GIZ
- Sanitation strategy for Chitradurga in Karnataka under the programme 'City partnerships for urban sanitation service delivery in Africa and South Asia' Bill & Melinda Gates Foundation

Capacity Building

- Capacity building of cities as part of the sanitation capacity building platform (SCBP) National Institute of Urban Affairs
- Conducting Swachh Bharat Mission (Urban) solid waste management exposure workshop for city clusters phase III (2018-19) National Institute of Urban Affairs

Detailed Engineering/DPR Preparation

- Consulting services for Sanitation Action Plan and Technology Demonstration(s) for 30 Pourashavas in Bangladesh - BORDA-Bangladesh Sanitation
- Field testing of Performance Assessment Systems for Urban Water Supply and Sanitation in Karnataka -CEPT University, Ahmedabad

Transaction Advisory Services/PPP Structuring

- Assistance to Tirupati Municipal Corporation in developing efficient and sustainable O&M models for public toilets in Tirupati under the National Urban Sanitation Policy in India - (GIZ)
- Assistance to Shimla Municipal Corporation in developing efficient and sustainable O&M models for public toilets in Shimla under the National Urban Sanitation Policy in India - GIZ
- Construction, operation and maintenance of public toilets under BOT framework BBMP, Bangalore, Karnataka



Housing



iDeCK's experience in housing sector ranges from development of policies, acts, guidelines and strategies to providing transaction advisory services for PPP housing projects.

Our services include:

- Policy and regulatory support
- Feasibility studies
- Detail project report
- TA services
- Project management consultancy
- Project management unit

Key Projects

- Development of for Economically Weaker Sections (EWS) housing complex in Bangalore
- TA services for carrying out financial feasibility with bid process management for construction of houses for police personnel under PPP module (in Mumbai & Pune, Maharashtra)
- Slum Rehabilitation Project at Chandigarh

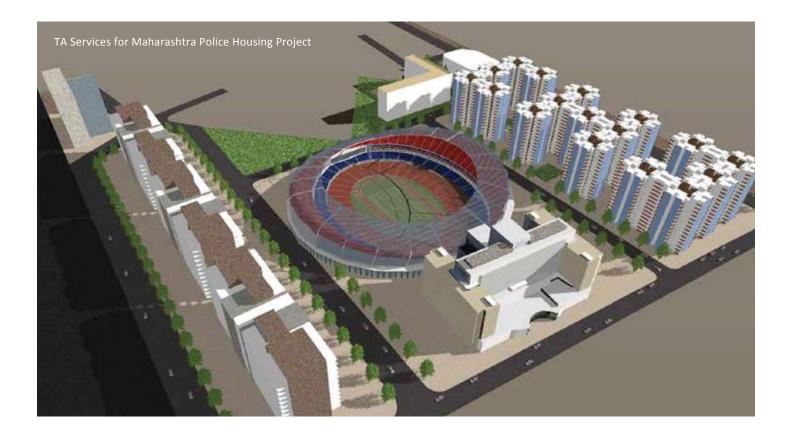
Project Monitoring

PPP Projects

- Implementation of dwelling units under Composite Housing Scheme
 - Gulbarga (KHB)
 - Bijapur (KHB)
 - Bangalore (BDA)
 - Mysore KHB







- Policy for issuance of Hakku Patra (living rights) to slum dwellers and redevelopment of slums on public and private lands
- Drafting the amendments to Madhya Pradesh Griha Nirman Evam Adhosanrachana Vikas Mandal Adhiniyam, 1972 (MP Housing and Infrastructure Development Board)
- Madhya Pradesh Housing and Infrastructure Development Board (Disposal & Management) of Property Rules
- Delegation of Powers for Madhya Pradesh Urban Development Company Limited
- Disposal of Property Rules and Housing Board Act for Maharashtra

Policies/Acts

Guidelines/Strategies

- Assistance to Ministry of Housing, Urban and Poverty Alleviation (MoHUPA), Government of India for preparation of a slum-free city plan guidelines under RAY Scheme
 - Planning toolkit structure
 - Sections on financial and investment planning, implementation modules and institutional structures
 - Appraisal toolkit
 - Appraisal of plan-of-action for three cities
- Review of urban housing sector in Madhya Pradesh





TRANSPORTATION

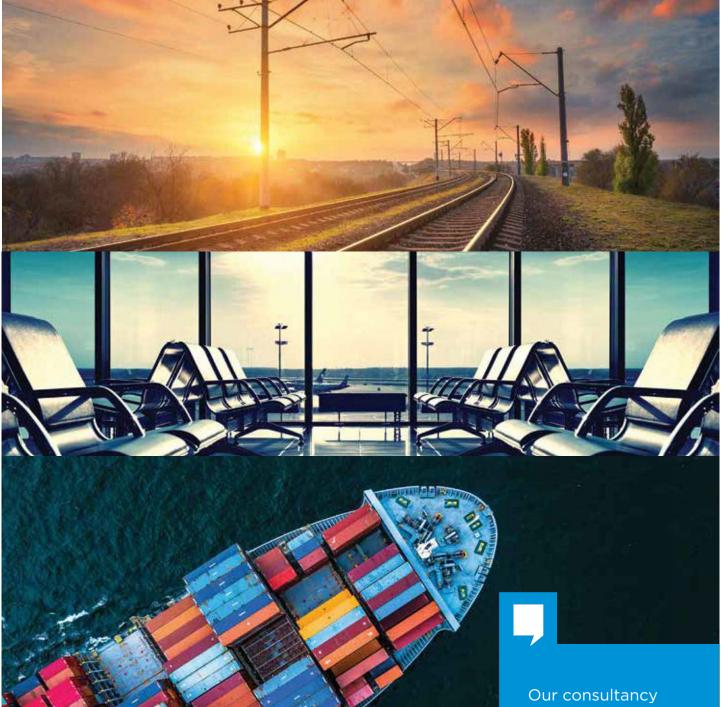




Traffic Studies | Travel Demand & Forecasting | Urban Transport Planning | Traffic Engineering & Management Studies | Planning & Design Of Facilities | Engineering Studies & Detailed Designs Feasibility Reports & Transaction Advisory | Freight Policy & Planning

Project Management Services | Capacity Building





iDeCK's philosophy is to bring in sustainable social and economic change and we take a holistic approach to our solutions. In the transportation space, we have expertise in multiple sub-sectors including roads, railways, airports, ports and logistics. We provide assistance in project development including pre-feasibility assessment, feasibility studies, DPR preparation, financial structuring, transaction advisory and project management/construction supervision.

We have hand-held several international, national and State Governments, multi-lateral agencies and private organisations through the entire process of project development. We also offer governance and programme management support for systematic implementation of large Government programmes.

Our consultancy services

- Roads & Highways
- Urban Transport
- Railways
- Ports
- Airports
- Logistics



Roads

Roads are assets essential to a nation's prosperity. iDeCK has rich experience in this space. We provide a wide range of services, from technical and transaction advisory to project management consultancy services.

Our technical services include alignment studies and planning for greenfield expressways, cadastral mapping, land acquisition plans, detailed engineering designs, quantity & cost assessment, traffic studies for expressways, audit services for road safety and traffic engineering and management.



In the business advisory domain, we carry out feasibility assessment, tolling strategy, project structuring under various frameworks and policy formulation. Our bid advisory services also cover preparation of bid documents under toll, annuity & hybrid annuity frameworks, bid evaluation and assistance till signing of the concession agreement.

Global Clients

Our clients include World Bank, Asian Development Bank, International Finance Corporation, Road Development Authority (Government of Sri Lanka), Infrastructure Development Department Government of Karnataka, Karnataka Road Development Corporation Ltd., Public Works Department - Government of Maharashtra, State Highways Authority Jharkhand, Maharashtra State Road Development Corporation and Bihar State Road Development Corporation.

Roads - Services

- 1 Transport planning and traffic engineering
- 2 Traffic & impact assessment studies
- 3 Travel demand forecasting
- 4 Detailed engineering studies and designs
- 5 Feasibilty and DPR studies
- 6 Transaction advisory services
- Project management consultancy services





Road Safety

Loss of life and physical injuries and damage to vehicles due to accidents are serious issues. These have to be tackled in a systematic manner and a formal safety performance examination of roads is essential to ensure 'Prevention is better than cure'

iDeCK has a strong team of experienced Highway Engineers and Safety Engineers to cater to this sector with best practices in the domain of road safety.

We provide services in

- Road Safety Audits on Existing Roads
- 2 Road Safety Audits During Construction
- 3 Pre-Opening Audits
- 4 Accident & Black Spot Identification and Mitigation
- 5 Road Safety Training Programs
- 6 Urban Road Safety Audits Covering and Urban Road Safety Policy

Traffic Management

Continuous growth in population has resulted in an increasing demand for urban infrastructure leading to congestion, clutter and decay in urban areas today. As an immediate intervention, Traffic Management is an effective tool in managing urban chaos emanating from these factors.

We at iDeCK provide services in

- Traffic Management
- Urban Road Design
- Smart Roads
- Junction Improvement Plans
- Optimal Signal Design
- Transport Modeling
- Traffic Simulation
- Road Markings & Signage Plans and Design



Achievements

Assisting the Government of Karnataka in the successful implementation of the first Toll Road project in the State

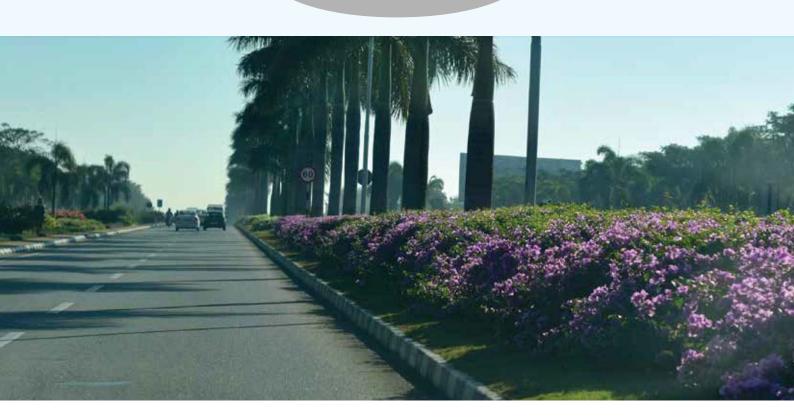
Assisting the Government of Karnataka in the successful implementation of the first Annuity Road project in the State from Bangalore to Maddur

Preparation of Feasibility/DPR for over 3500km of road network in the states of Karnataka, Maharashtra and Jharkhand.

Two Greenfield 6 Lane access controlled expressways in Jharkhand state connecting Ranchi, Jamshedpur and Dhanbad Cities and having an aggregate length of about 200km.

Transaction Advisory services for Development of a six Lane Suspension Cable Green Field Bridge over River Ganga from Kacchi Dargah on NH - 30 to Bidupur in Dist Vaishali on NH - 103

Project Financing for 4 - Laning of 32.5 km in Tumkur - Nelamangala Section of NH - 4 in Karnataka





Key Projects: Roads

Strategic Planning & Policy

- Development of 4,000 kms of State Highways and Major District Roads through private sector participation under a DBFOT framework for Karnataka Road Development Corporation Limited, Karnataka
- Development of 2500 kms of State Highways through private sector participation under Operate, Maintain and Transfer (OMT) framework for Karnataka Road Development Corporation Limited, Karnataka
- Preparation of model documents for PWD, Maharashtra for Annuity, Hybrid Annuity and selection of Independent Engineer/Independent Auditor
- Assisting the Public Works Department, Government of Kerala in structuring and operationalization of a state level Road Fund - the Kerala Road Fund (KRF)
- Preparation of a Policy framework for improvement of road sector in Karnataka for Karnataka State Highway Improvement Programme (KSHIP), Bangalore

Financial Feasibility

- Development of four lane elevated highway from New Kelani Bridge to Rajagiriya in Sri Lanka
- Consultancy Services/Financial Feasibility for Preparation of DPR for access controlled Nagpur - Mumbai Super Communication Expressway (Package 1: 89.2 kms) - 8 Lane
- Bid Advisory Services for Development of 600 km of NHAI projects on BOT/ Annuity basis for Private Clients.

Transaction Advisory & Technical Study/DPR

- Traffic Study and Financial Feasibility Study for Core Road Network (CRN) Corridors of 4,445 kms of State Highways in Karnataka
- Preparation of DPR and Transaction Advisory for over 1500 kms of road network in Karnataka for KRDCL and KSHIP
- Preparation of Feasibility and DPR using modern survey techniques (LiDAR, Automatic Traffic Counts etc.) for over 11 packages amounting to over 1500km of road network in Maharashtra
- Development of 339 km of State Highways in Gujarat under the State Highway Development Project (SHDP) on Design, Build, Finance, Operate and Transfer (DBFOT) - Annuity Basis
- Consultancy Services for Development of Six-Lane Controlled Access Ranchi-Bokaro-Dhanbad Expressway under PPP Framework
- Consultancy Services for Development of Six-Lane Controlled Access Ranchi-Jamshedpur-Dhanbad Expressway under PPP Framework
- Transaction Advisory services for Development of a 6-Lane Suspension Cable Green Field Bridge over River Ganga under PPP
- Consultancy Services for Construction of Elevated Highway Project in the Bangalore-Hosur section of NH-7 from Silk Board Junction to Electronic City on Build, Operate and Transfer (BOT) basis
- Transaction Advisory Services for construction of the Versova-Bandra Sea Link Project, Mumbai





Capacity Building

Capacity building in the Road Sector is a prerogative to enhance road sector management and improve road network conditions. iDeCK has delivered the PPP Policy for Karnataka and is well placed in offering a range of services with its unique and widespread experience in Transport Advisory Services:

- Institutional Strengthening at Rural and Urban Sectors
- Conducting Workshops at District Level

- Training for trainers at State and National Levels
- Governance
- Reforms
- IT-ICT-MIS Improvements & Support
- Implementation Mechanisms
- Handholding in PPP Projects



Railways

iDeCK offers consulting services for the development of new railway lines both for hinterland movement and port connectivity projects. Our expertise includes technical studies, cost revalidation, traffic assessment for both, passenger and freight movement and financial vialibility analysis. We also recommend on a suitable implementation framework and have developed several first-of-their-kind SPV structures for railway projects.

Our advisory services include:

- Project structuring and innovative financing methods for various Urban Mobility Systems
- Bankability studies for financing railway projects under cost sharing/PPP framework
- Transit-oriented development under PPP framework.



Railways - services

- 1 Technical studies
- 2 Cost revalidation
- 3 Traffic assessment
- 4 Feasibility studies
- 5 Fund Mobilization/Syndication

iDeCK has developed the first-of-its-kind SPV structures for railway projects. Eg. Hassan - Mangalore Rail Development Corporation Ltd. We also have expertise in preparation of business plans, developing projects under commercial framework and structuring of the same to ensure bankability. We are shareholders in K-RIDE (Karnataka Rail Infrastructure Development Corporation), the country's first centre-state joint initiative to execute railway projects under a cost sharing model through commercial financing. Under K-RIDE, iDeCK participated in the formation of the first Special Purpose Vehicle - Hassan - Mangalore Rail Development Corporation (HMRDC) for implementing a railway line from Hassan to Mangalore in Karnataka.

Global Clients

We have worked closely with Infrastructure Development Department - Government of Karnataka, on various rail projects in Karnataka. Other reputed clients include Asian Development Bank, Rail Vikas Nigam Limited, Parsons Brinckerhoff, Pipavav Railway Corporation Limited and Karnataka Rail Infrastructure Development Corporation.



Key Projects: Railways



Business Plan

- Preparation and structuring of the business plan for 4 rail projects to be implemented on a commercial format
- · Hassan Mangalore
- Hospet Guntakal
- · Hubli Ankola
- Solapur Gadag

Feasibility Study

- Development of a new rail line between Talaguppa Honnavar, Karnataka and Bagalkot - Kudachi, Karnataka
- Consultancy services for North South dedicated Rail Freight Corridor
- Development of Hassan Mangalore rail line through a SPV on a commercial format
- Development of 3rd line between Palwal and Bhuteshwar
- Development of high speed rail corridor (Hyderabad Chennai)

Transaction Advisory

- Development of an airport rail link to the new international airport at Devanahalli, Bangalore
- Selection of a technical consultant to develop the monorail project in Bangalore

Financing Plan & Restructuring

- Debt restructuring for Pipavav Rail Corporation Limited (PRCL)
- Developing bankable projects structures for Bangalore Metro Rail Project through PPP
- Developing bankable projects structures for Jaipur Metro Rail Project through PPP
- Financial due-diligence of the Bangalore Metro Rail Project

Sector Strategy

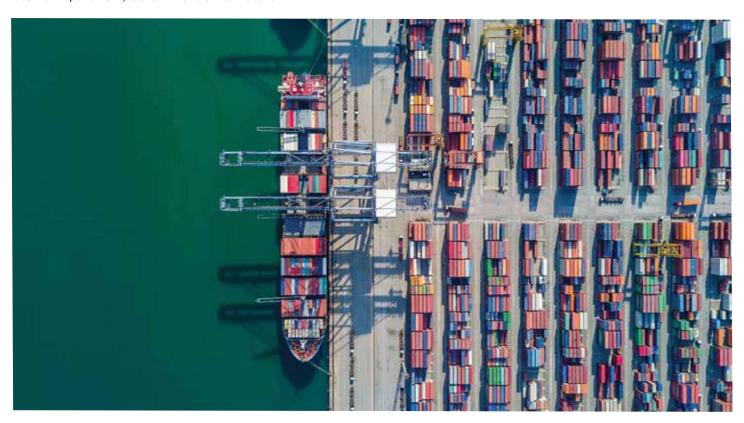
 Railway sector infrastructure and gap assessment in Karnataka with Investment Plan



Ports

India with its long coastline has several important ports contributing to our economy. iDeCK has been a pioneer in providing advisory services to several minor/major ports and for the development of greenfield ports in the nation's western coast. Our expertise includes the creation of a policy framework and sector-specific strategies for State Government for future planning. Our international experience includes contribution towards the development of 4 ports in Africa and assistance in the development of greenfield and an all-weather port at Pavinakurve under Swiss Challenge mode, a first-of-its-kind initiative by Public Works Department, Government of Karnataka.

We provide consultancy services in the areas of bulk, break bulk and container terminals under PPP framework, tariff fixation under TAMP guidelines, assistance in obtaining the required clearances from Standing Finance Committee to project structuring, bid documentation and post bid assistance. We also advise on the handling of bulk cargo such as iron ore, coal and general cargo across several locations, project cost estimates, traffic assessment, project revenues, project viability, bid documentation and bid process management to various minor greenfield ports ranging from 20 MTPA to 64 MTPA.



Our consulting services include concessioning of bulk, break bulk and container terminals under PPP framework, tariff fixation under TAMP guidlines, assistance in obtaining clearances from Standing Finance Committee to project structuring and bid documentation.





Key Projects: Ports

Business Plan

- Development of Onitsha Port in Nigeria
- Master plan for development of Wellington Island in Cochin Port

Transaction Advisory

- Development of 4 multipurpose cargo berths (No. 13-16) at Kandla Port
- Development of an 4MMTPA coal import terminal at Marmugao Port Trust through PPP
- Development of an 8MMTPA iron ore export terminal at Marmugao Port Trust through PPP
- Development of multipurpose cargo berth at Cochin Port
- · Development of a coal terminal at Cochin Port
- Development of iron ore terminal at New Mangalore Port
- Development of container terminal and general cargo terminal at New Mangalore Port
- Construction of Haldia Dock II (North & South through PPP at Haldia dock complex
- Traffic study for development of Vizhinjam Port

Feasibility Study

- Feasibility study for development of Tadri Port in North Karnataka
- Feasibility study for development of greenfield port and free trade warehousing at Belekeri in Karnataka
- Feasibility study for development of greenfield and all-weather port at Pavinakurve in Karnataka

Policy Framework

- Minor port policy for Karnataka
- Structuring and operationalizing of the port fund, Karnataka

Sector Strategy

- Port sector infrastructure and gap assessment in Karnataka with investment plan
- Pre-feasibility study for development of minor ports in Karnataka



Global Clients

Some of our reputed clients are major port trusts such as Kandla Port Trust, Mormugoa Port Trust, New Mangalore Port Trust, Cochin Port Trust and Kolkata Port Trust. Our other clients are Karnataka State Industrial Infrastructure Corporation (KSIIDC), Directorate of Ports and Inland Water Transport (Public Works Department) Karnataka and National Inland Waterways Authority (NIWA), Nigeria.



Airports

Air transport has experienced tremendous growth in India in the last decade. Encouraging policy initiatives, low cost carriers and an emerging middle class have resulted in a huge spurt in traffic translating to a demand for airports and associated infrastructure. The sector has attracted private sector participation through various measures including the Regional Connectivity Scheme (RCS), facilitated by the union Government.

iDeCK has an extensive experience in developing minor/major airports and offers consulting services to leading players in this space. Our expertise is in the areas of policy formulation/regulation, feasibility studies, market assessment for regional air connectivity, project development under PPP framework, and civil aviation perspective plan. We also offer transaction advisory for the development of minor airports and air strips across India.

Airport - services

- Consulting services for setting up of major airports
- 2 Transaction advisory for development of minor airports
- Market assessment for regional air connectivity
- 4 Feasibility studies

iDeCK has played a significant role in carrying out Project Development activities for implementation of Airports under PPP frameworks





Key Projects: Airport

Business Plan

• Development of Karaikal Airport in Tamil Nadu

Project Conceptualization

- Development of minor airports in Karnataka
 - Shivamogga
 Gulbarga
 Bijapur
 Bellary
- Development of greenfield airport at Sindhudurg in Maharashtra
- Selection of O & M partner for Gulbarga Airport

Feasibility Study

- Feasibility study for expansion of Mysore Airport (Phase II)
- Preliminary feasibility study for the development of Mangalore International Airport on through PPP (expansion)
- Promotion of regional air connectivity in Karnataka
- · Development of airstrip at Chikmagalur in Karnataka

Policy Framework

- · Minor Airport Policy for Karnataka
- Development of drone policy for Karnataka

Sector Strategy

- Airport sector infrastructure and gap assessment in Karnataka with investment plan
- Karnataka State Civil Aviation Perspective Plan

Contract Management/Project Management Services

- Monitoring and evaluation of project cost during project development of Bangalore International Airport Limited (BIAL)
- Development of minor airports in Karnataka
 - Shivamogga Gulbarga Bijapur Bellary

Global Clients

Our clients include Bangalore International Airport Limited (BIAL), Karnataka State Industrial Infrastructure Development Corporation (KSIIDC), Infrastructure Development Department, Government of Karnataka, Karaikal Airport Limited and India Infrastructure Initiative Limited.





Logistics

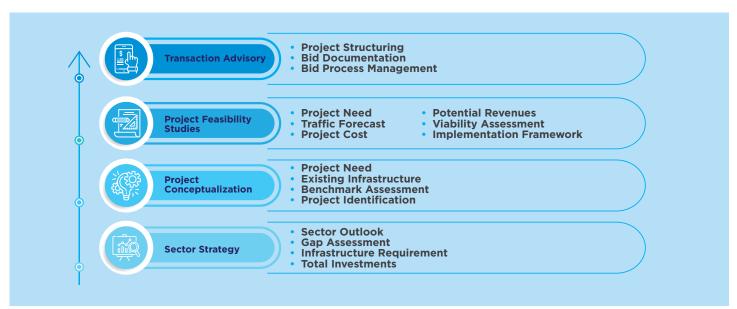


India is experiencing a surge in the demand for the movement of goods and services, thanks to increasing buying power, emergence of tier II cities, internet marketplaces and more. iDeCK's cross-sectoral experience in road, rail, port and aviation sector gives us the edge to provide integrated logistics services to clients particularly where multimodal connectivity is to be established.

We offer advisory services across India for the establishment of multi-modal logistics parks for brownfield/

greenfield projects, industrial parks, ICDs, warehouses, truck terminals and cold chain infrastructure. We advice on appointment of third party logistics (3PL) organizations to implement activities related to warehousing and cold storage.

Our expertise is in providing sectoral outlooks, technical studies, requirement assessment for infrastructure, feasibility studies, operations and management planning, business integration and restructuring of logistics systems & supply chains along with suitable implementation frameworks.





Key Projects: Logistics

Sector Strategy

- Logistics sector infrastructure and gap assessment in Karnataka with investment plan
- Preparation of Logistics Plan for Gujarat

Project Conceptualization

- Development of marine seafood logistics in Karnataka
- Study for a (transport) logistics network in Karnataka
- Study for a (storage) logistics network in Karnataka
- Development of agri logistics plan

Feasibility Study

- Implement of a multi-modal logistics hub at Chennai, Tamil Nadu
- Development of Logistic Parks at Harohalli, Hassan
- Development of Food Park at Bangalore, Davangere, Tumkur, Shivamogga

Transaction Advisory

- Development of truck terminal at Ranchi, Jamshedpur and Dhanbad
- Development of Textile Park at Kagal SEZ

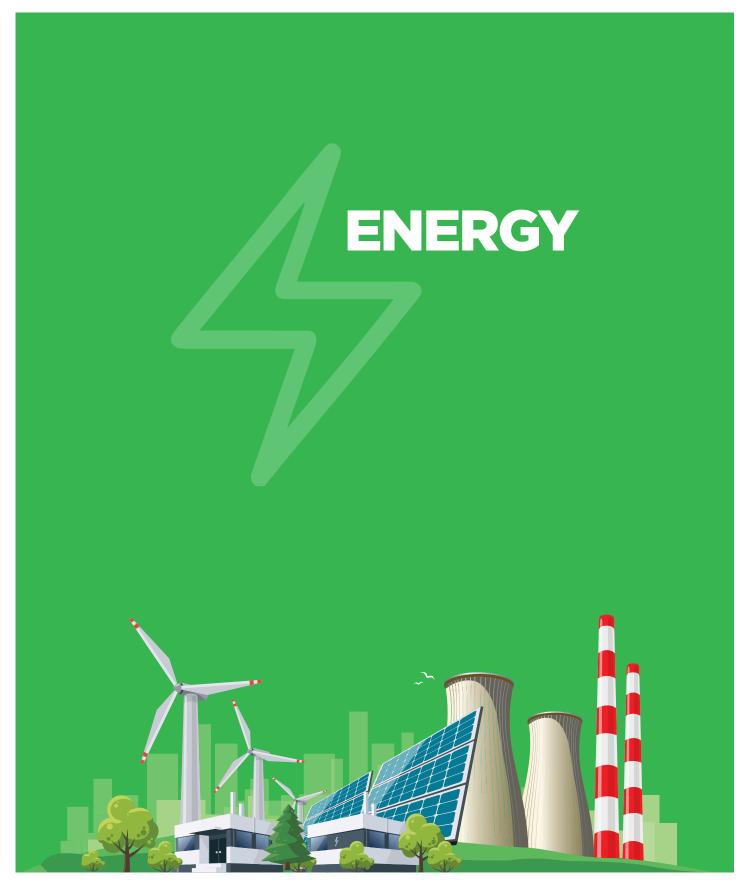
Global Clients

Our clients include Asian Development Bank, Food Karnataka Limited, India Infrastructure Initiative, Infrastructure Development Department, Government of Karnataka, National Highways Authority of India.









Business Advisory | Capacity Building | PMC | Engineering | Technical Consulting Legal | Planning & Design | O & M and Generation Monitoring



Energy Sector Capabilites

The energy landscape is undergoing significant changes both in terms of generation mix and structural frameworks for services delivery. These shifts are making it imperative for the Government and various other stakeholders to keep pace with the transformation.



iDeCK has rich experience in drafting sector-specific policies and frameworks with an emphasis on renewable energy. Our expertise is in the areas of setting performance targets, specifying project delivery process, promoting investments and overall improvement in services delivery over a medium/long term horizon.



y iDeck

charging stations and

energy efficiency.



Development of Solar, Hydro, Wind Power Project and Energy Storage Systems

Our offering includes end-to-end solutions in developing solar, wind and hydropower plants and energy storage systems. We provide the following services (as complete or select sections) to rooftop mounted, ground mounted, canal top and floating solar power projects. We have successfully implemented projects adding to over 1716 MW in terms of power generation. Our expertise is in the areas of:

- · Land identification, screening and acquisition support
- Surveys and technical feasibility
- Detailed project report
- Transaction advisory services
 (Project structuring, Bid process management, financial modelling)
- Project related approval coordination and liasoning
- Project management consultancy
- Technical consulting; Basic & detailed engineering Quality Control (QC)
- · Construction management operation and maintenance solutions
- Fund syndication services

B Regulatory and handholding services

Our experienced management team and on-board advisors have a sound understanding of the process and compliance requirements. Our team's partnership approach guides clients on all statutory and regulatory matters related to renewable energy projects.





Energy conservation is a key area of focus and we help organizations achieve this. Our expertise is in conducting comprehensive energy audits and accounting, adhering to the latest guidelines of Bureau of Energy Efficiency/CEA. We offer options on sources such as electricity and fuel oils and recommend action on reducing consumption.

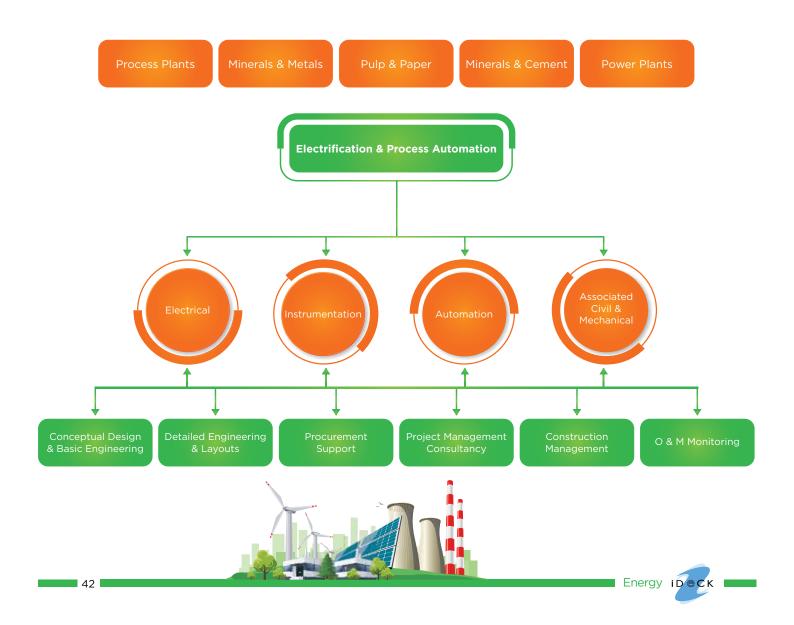


Industrial Infra Electrification & Process Automation

iDeCK carries out both basic and detailed engineering projects for urban infra and industries. We develop the conceptual design followed by a detailed design that reflects value engineering in the specifications helping clients in finalizing bill of quantity as per the latest standards.

We also offer expertise in supply chain, project management and construction management activities in electrical, instrumentation and automation areas.





Industrial, Area and Street Lighting Solutions

iDeCK assesses the requirement for lighting and layout design and arrives at an accurate bill of materials for the illumination part of the project. We also offer support in supply chain, project management, construction management and O & M activities for this specific activity.

iDeCK is working with the Government to refine the policies and targets set for the transportation industry to be met by 2030. We are also working with various State Governments to implement this policy and framework to ensure electric vehicles are an affordable, viable and economical mode of transportation.



Electric Vehicle Charging Station

Considering the spiralling costs of fossil fuels and their impact on the environment, the Government has a strong vision for ushering in Electric Vehicles (EVs). iDeCK is working closely with the Government to refine its policies and targets towards achieving this in a phased manner. We are collaborating with various State Governments to implement this policy and framework ensuring EVs are an affordable, viable and economical alternative in transportation.



G Overseas Services

iDeCK assists foreign Governments/private organizations in Asia Pacific and Africa wishing to procure Power Purchase Agreements (PPAs) for renewable and non-renewable power projects. We also assist Government departments and PSUs in bringing in FDI for their power projects.

Our other area of expertise is in providing technical and legal due diligence towards taking over power projects, administrative assistance in liaising with Government authorities and obtaining business-related permits and approvals.

We also represent clients before local authorities or with their potential partners, assist them in negotiations, identify land for project development, offer technical consulting, PMC, construction services and debt syndication services for projects through international funding agencies and export/import banks.



Project Experience

(National & International)

Project Experience	Client
Ground Mounted Solar	
Advisory services for development of 130 MWac solar power plants in Karnataka.	Karnataka Renewable Energy Development Limited (KREDL)
Advisory services for development of 80 MWac solar power plants in Karnataka	Karnataka Renewable Energy Development Limited (KREDL)
Advisory services for development of 50 MWac solar power plants in Karnataka	Karnataka Renewable Energy Development Limited (KREDL)
Advisory services for development of 500 MWac solar power plants in Karnataka (Phase-1)	Karnataka Renewable Energy Development Limited (KREDL)
Advisory services for development of 500 MW solar power plants in Karnataka (Phase -II)	Karnataka Renewable Energy Development Limited (KREDL)
Development of 14 MWac single axis tracking project	Hutti Gold Mines Limited, Karnataka
Advisory service for development of 49 MWac solar power in Vietnam (3 X 49 MW)	Private clients
Development of 1.3 MWp of ground mounted solar power plant (Phase I)	KIOCL Ltd.
Development of 6.5 MWp of ground mounted solar power plant (Phase II)	KIOCL Ltd.

Rooftop Solar	
Advisory services for the development of Solar PV power plant over car parking - 1.1 MWp	Pilikula Nisargadhama
Development of rooftop solar projects for Karnataka State Warehousing Corporation - 162 MWp	Karnataka State Warehousing Corporation
Rooftop solar across 530 colleges and universities under the Department of Higher Education across 30 districts of Karnataka - 60 MWp	Department of Higher Education Karnataka, India
Development of rooftop solar power plants in all the ULBs under CMA - 11 MWp	TNUIFSL, Tamilnadu
Development of rooftop solar power plants in all Govt-owned buildings - 5 MWp	JREDA, Jharkhand
Development of rooftop solar power plants in all the govt-owned buildings - 5MWp	Patna Smart City Limited

Canaltop Solar	
Development of 10 MWac of canal-top solar PV project in Koppal	Krishna Bhagya Jala Nigam Limited, Karnataka
Development of 5 MWac of Canal-top solar PV project in Varuna Canal, Mysore	Cauvery Neeravari Nigama Limited, Karnataka





Other Solar Projects

Development of ground & rooftop projects (2.1 + 3 + 0.85 + 2) MWp	Private clients
Selection of developers to develop 2 MW of floating solar PV power project on water bodies	Government PSU/departments

Investment

Project investment (equity & debt) for the development of hydropower plants of 24 MW Phase I development of 12 MW (2 X 6 MW) Phase II development of 12 MW (2 X 6 MW)	Narayanpur Power Company (Private) Limited
Debt syndication services for development of wind & solar project 84.90 MWac	Multiple clients

O & M Monitoring

O & M and generation monitoring for the renewable energy projects - cumulative 31 MWac

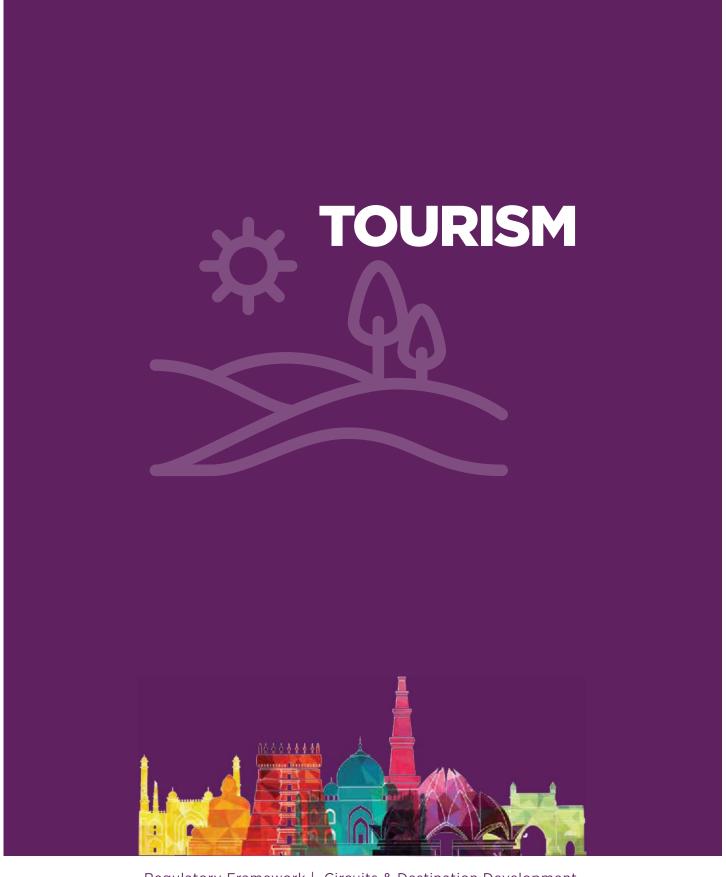
Multiple clients

Electrical & Instrumentation Engineering

Electrical & Automation engineering for a process industry	Multiple clients
E & I engineering for coal handling package for thermal power plants	Multiple clients







Regulatory Framework | Circuits & Destination Development
Visitors Experience Development Business Plans | Transaction Advisory
Programme Management | Planning & Design | Capacity Building



Brief on Tourism Experience

Tourism has emerged as a powerful force multiplier for economic development. As the world's fastest growing industry, tourism contributes an estimated 9.8% to the global Gross Domestic Product (GDP) generating 8.7% of the total employment. As per estimates of United Nations World Tourism Organisation (UNWTO), the travel and tourism industry is among the world's largest with a global economic contribution (direct, indirect and induced) of over 7.6 trillion U.S. dollars in 2016.

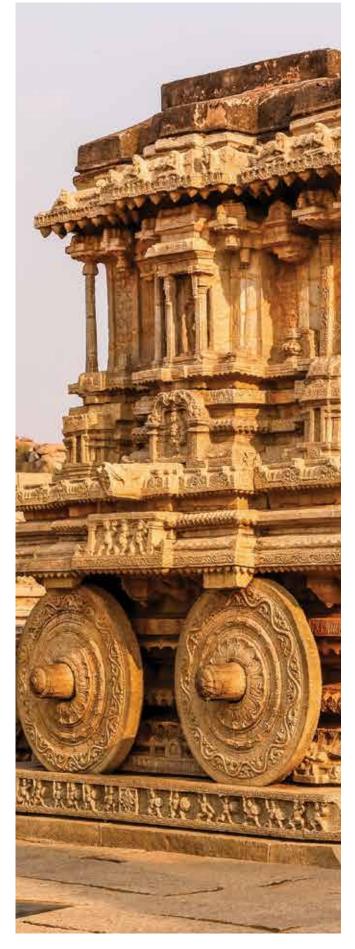
iDeCK is an industry leader with a proven track record in the tourism sector in areas ranging from policy to programme management

iDeCK's experience in tourism covers the entire spectrum - from developing regulatory frameworks for the Government to project/programme management

- Regulatory Framework Policies, Acts, Strategies, Road Maps & Tourism Master Plans
- Destinations, Circuits and Visitor Experience Enhancement
- Business Plans
- Transaction Advisory
- Programme Management

Our team works closely with clients to help merge these disparate tasks into a coherent, focused programme.

Few other core sectors are driven by, and demand, a synergic confluence of many stakeholders like tourism - consisting of tourists and their needs, Government policies, physical infrastructure and services and marketing and promotion programmes.









Industry Engagement & Community Involvement

Destination Development &

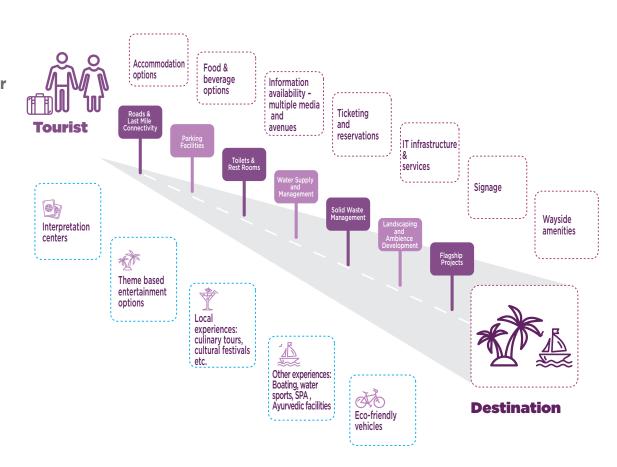
Understand Visitor Experience
Expectations

Tourism Potential Assessment, Strategy Planning Regulatory Framework





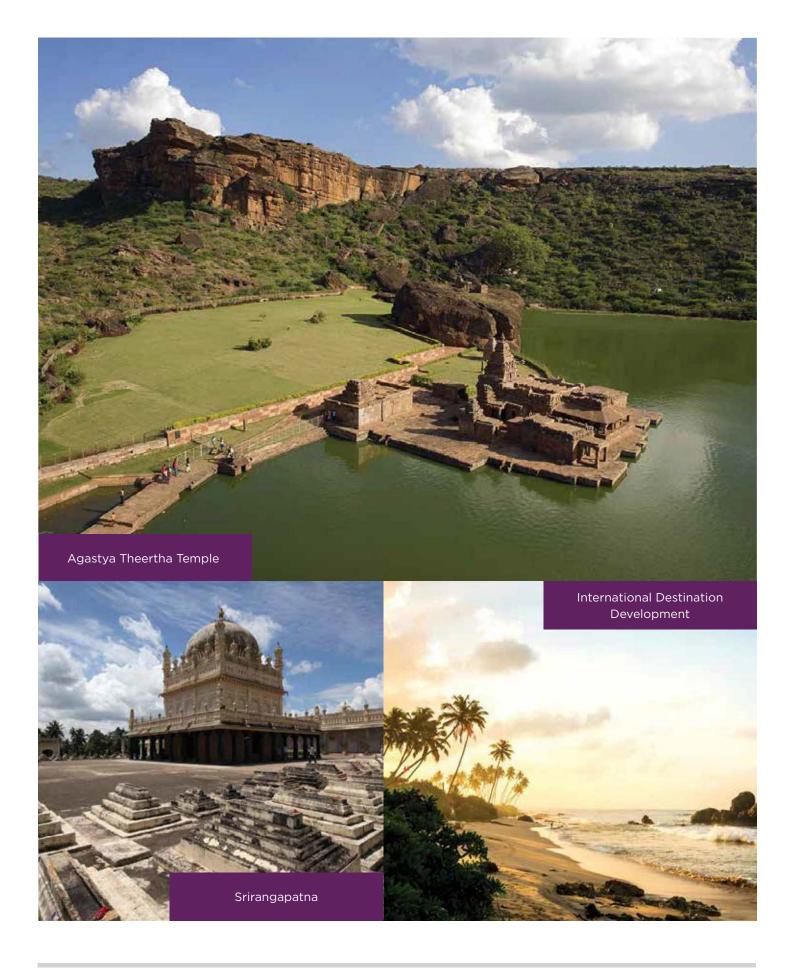
Visitor
experience
could be further
classified
based on
the following
development
activities
in any tourist
destination:



Understanding of the visitor expectation in terms of experience leads to project conceptualisation, development and implementation



Tourism iDeck





Experience in Tourism Sector

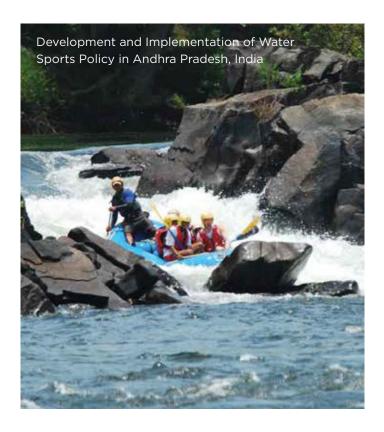
iDeCK has successfully completed over 100 assignments in the tourism sector including some of India's most prestigious projects. Today we are a preferred consultant in that space. Our key accomplishments could be summarized as follows:

Assistance in Developing Regulatory Framework

Assistance provided to the Government of Karnataka in the preparation of a comprehensive tourism policy and guidelines, aimed at developing the state as a dynamic and favoured tourism destination.

Assistance in the development of Tourism Facilitation Act and rules for Karnataka, a unique act in the Indian context that lays down a framework for empowering the Department of Tourism to establish a regulatory mechanism and streamline the on-ground implementation of tourism products and services.

Development and implementation of a Water Sports Policy for Andhra Pradesh. The activity involved identification of ideal locations through expert visits, consultations with stakeholders, assessment of possible water sports activities at shortlisted locations and an infrastructure gap assessment in terms of connectivity, basic infrastructure facilities, services and support infrastructure required to make it viable and attractive for operators and tourists.



Development of a roadmap for tourism for Jharkhand including setting up of short term, medium term and long term goals. The effort involved a plan to develop tourism infrastructure, motivate, and incentivise players from various segments of the society encouraging them to play a role in growing the sector. The road map also included initiatives to improve the visitor experience by providing better access to information, offering a greater choice of destinations, and creating a safe and hassle-free environment overall.

Creation of a report, "Socio Economic Impact of Tourism", which resulted in a budget allocation of INR 4.72 billion for the development of tourism in Karnataka for FY 2017-18.

Development of a Tourism Master Plan for Bellary district, Karnataka. This involved a detailed gap assessment of tourist infrastructure and visitor profiling to develop innovative tourism products. The destinations were also ranked as part of a plan to determine the tourism road map for the district for the next 20 years.



Tourism iDeck

Circuits and Destination Development Projects



Circuit Development

iDeCK has been assisting various State Governments in developing tourism circuits through central assistance schemes such as Swadesh Darshan & PRASAD. Our approach to circuits

Creation of a detailed project report for an ecotourism circuit in Jharkhand which has resulted in a grant of INR 528 million for the state under Swadesh Darshan scheme, Ministry of Tourism, Gol.

Preparation of a detailed project report for the development of Deoghar temple in Jharkhand, which has resulted in a grant of INR 400 million under PRASAD scheme.

Preparation of a detailed project report to develop the Birsa Munda Smriti Park involving the development of a tribal museum by reusing a old jail which resulted in a grants of INR 300 million from Ministry of Tribal Welfare, Gol. and destination development is driven creating compelling tourist experiences. We have worked on the following circuit development projects:

Preparation of a detailed perspective plan to develop the coastal circuit in Karnataka, which resulted in a grant of INR 990 million for the state under Swadesh Darshan scheme, Ministry of Tourism, Gol.

Preparation of a detailed perspective plan to develop the Jain, Buddhist and Heritage circuit in Karnataka under the Swadesh Darshan scheme, Ministry of Tourism Gol.

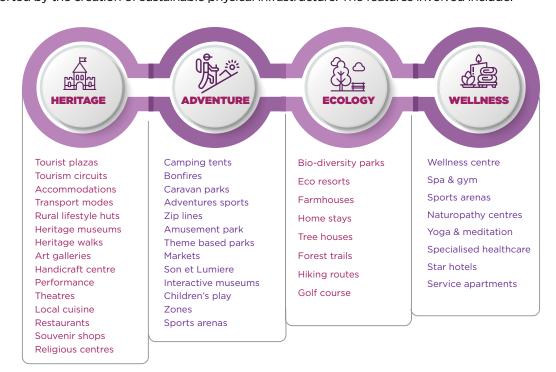
Preparation of a detailed project report to develop the spiritual, tribal, and rural circuit for the state of Jharkhand and Ramayana circuit for the state of Karnataka.

Preparing a detailed project report for the development of Basukinath Temple, Phase II, under PRASAD scheme.

(ii)

Destination Development

Our approach to destination development is to configure any tourist destination as a mix of tourist experiences, supported by the creation of sustainable physical infrastructure. The features involved include:











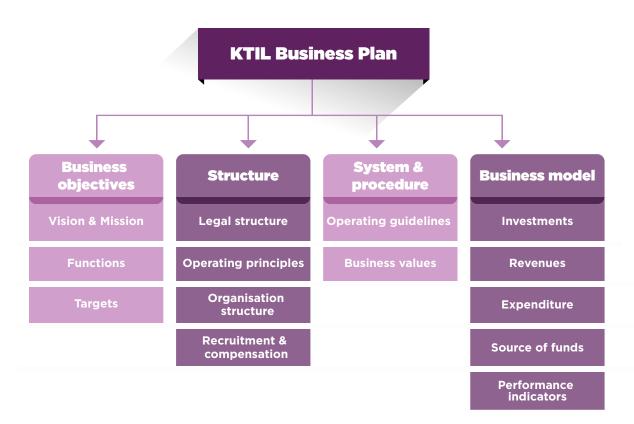


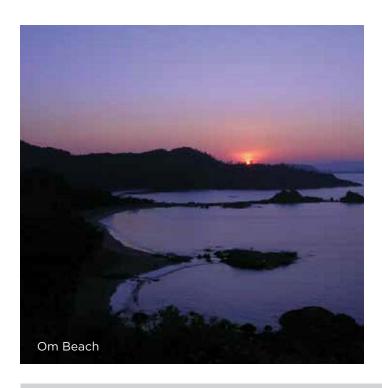




Business Plans

iDeCK has assisted the Department of Tourism, Karnataka, in setting up of Karnataka Tourism Infrastructure Limited (KTIL), an initiative towards institutional strengthening. KTIL has been set up to promote tourism, invest in the development of tourism infrastructure, identify land banks and develop flagship projects.









56 Tourism iDeck

Transaction Advisory Services

Since inception, iDeCK has been advising tourism departments of various states in the areas of tourism infrastructure development and redevelopment of tourism assets. Tasks include carrying out feasibility studies/DPRs, structuring projects for appropriate implementation framework, preparation of bid documents and bid process management for selection of developers/operators/contractors. Some of the other significant accomplishments include:

- Successfully closed the TA services for the International Convention Centre, Bangalore worth INR 10 billion.
- Successfully bid out about 40 tourism properties, belonging to KSTDC in Karnataka.
- Successfully bid out about 27 tourism properties, belonging to JTDC in Jharkhand.
- TA services for about 9 dam site developments in Karnataka & Jharkhand.

- Successfully closed TA services for 4 beachside luxury hotels in Andaman & Nicobar Islands and 1 in Daman & Diu.
- Successfully closed TA services for a 3 star hotel property belonging to a quasi-Government entity in Karnataka.
- Development of tourist complexes and facilities in Kerala
- Operation of Golden Chariot luxury tourist train in Karnataka
- Development of tourism-related infrastructure at Mana palla lake, Udupi
- Development of Heli tourism in Karnataka
- Development of Malpe Isle Beach resort at Malpe Beach, Udupi
- Development of Buddha Smriti Udhyaan at Patna
- Development of aerial passenger ropeway at Pahari Mandir, Ranchi; Kauleshwari Devi Mandir, Chatra and Dalma Hill at Saraikela-Kharsawan in Jharkhand, India.





Tourism Program Management Units



Program Management Unit, DoT Jharkhand

iDeCK has established a tourism PMU (Programme Management Unit) in DoT, Jharkhand for a period of 4 years. The PMU consists of a front-end team (13 members) and a back-office team (15 members). The front-end team assists the DoT on day-to-day managerial and administrative works. The back office team assists in creating a road map for tourism and undertakes the preparation of master plans, feasibility studies, DPRs and transaction advisory services for the department. As a part of the PMU, iDeCK has been assisting in various activities such as:

- Preparing master plans, feasibility studies and DPRs for various destinations and circuits pertaining to spiritual tourism, ecotourism, adventure tourism and tribal tourism.
- Assisting the Government of Jharkhand for the selection of media/creative/event management agencies for the promotion of Jharkhand tourism.
- Assisting the Government of Jharkhand in the preparation of necessary support documents related to the selection or allocation of works to empanelled consultants for the development of tourist infrastructure in the state.
- Participating in various stakeholder coordination meetings, tourism events and marts, meetings convened by state/central Governments within as well as outside the state.
- Assisting in conducting site inspections and third party scrutiny of detailed estimates and drawings.
- · Monitoring the work of other sub-consultants and vendors.

Program for the Implementation of Karnataka Tourism Vision Group (KTVG) Initiatives.

Karnataka Tourism Vision Group (KTVG) Initiative is an ambitious initiative of the Government of Karnataka launched with an objective to provide a road map for making Karnataka a tourist experience destination on par with international standards.

The effort required planning, strategizing and coordination with 25 eminent citizens of Karnataka towards facilitating the development of various tourism projects. iDeCK undertook the following activities as part of the effort.

- Assisted in conceptualisation of projects in terms of experiences that could be developed to attract footfalls and create a fulfilling visitor experience.
- Prepared ToRs and conducted bid processes for the selection of suitable consultants/vendors to execute identified projects.
- Monitored the progress of works allocated to any consultants/architects/vendors and provided weekly progress reports to KTVG related to pending works and completion of major milestones.



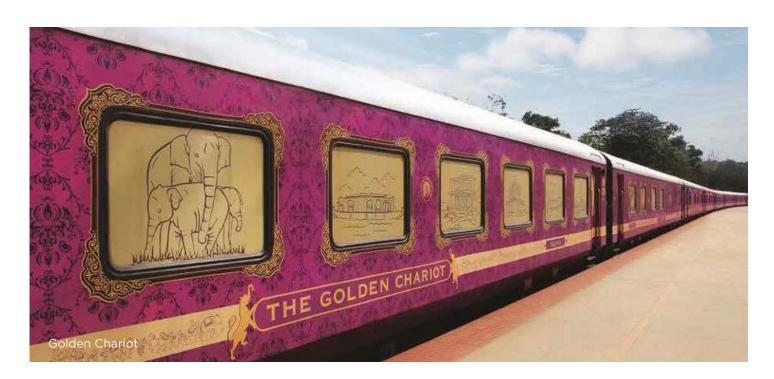


3 Strategic Program for the Development of Tourism Infrastructure

iDeCK has conceptualised and initiated the **Strategic Program** for **Development of Tourism Infrastructure in Karnataka**, an initiative to develop tourist destinations in the state and identify new destinations with potential. iDeCK has appointed tourism consultants in each district on behalf of DoT to be led by the iDeCK team. These consultants work closely with the district administration and iDeCK to collect requisite information, which is further assessed and analyzed by iDeCK to arrive at a desired outcome for the identification and development of tourist destinations.

The effort resulted in:

- Increased efficiency at district offices due to placement of tourism consultants, trained by the team.
- Identification of more than 1200 tourist spots in the state of Karnataka (most of which are not popular among tourists)
- Availability of data/information on tourist destinations, infrastructure status, tourist statistics and project in formation on a MIS platform.









4

MIS Tourism Platform (PRATHAMA)

iDeCK has developed 'PRATHAMA' (Pravasi Thana Mahiti), a holistic online MIS platform for the Government of Karnataka, a-first-of-its-kind solution in India for collecting, collating and disseminating key information on the tourism sector. PRATHAMA is a unified information database providing important ground-level information that would be of use as a decision making tool for the department to plan and implement projects.

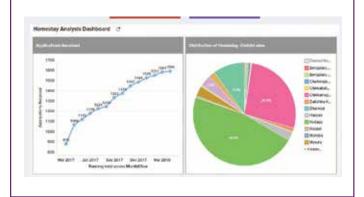
PRATHAMA also has a Notification and Alerts feature through auto-generated SMS and email, promoting users on the action to be initiated. The portal could also be used to register home stays with an option for the owner to register his property with the department. The home stay owner is intimated at each stage of the process through an auto-generated SMS and email.

PRATHAMA has the following key modules:

- **Tourism Resource Inventory** which would capture information relating to:
 - Existing natural, cultural and man-made tourism spots in the state (forests, hill-stations, temples, forts, beaches etc.)
 - Tourism infrastructure such as hotels, homestays, heritage locations, transport and transport enablers
 - Facilities created for supporting tourists: public sanitation, information kiosks, parking, security
 - People/communities involved in the tourism activities (cultural performers, artists, craftsmen, wildlife/temple guides, historians etc.)
- **Data on Tourists:** This would capture information on tourists visiting the spot/destination.
- **Status of Projects:** This module would capture up-to-date information on various projects of the department, funds disbursed, funds utilized and the status of the project.
- Query and Reports: The system allows for obtaining query-based reports on various parameters. Queries and reports also have a map-based visualization which would bring out spatial dimensions of tourism in the state. Data and reports on various tourism-related aspects would now be available to the department at the click of a button.









Tourism iDeck

5 Program for Rating of Tourism Products & Services

iDeCK is also the nodal agency managing the rating of tourism products in Karnataka, a novel concept where rating is done by independent agencies, a-first-of-its-kind initiative in India.

The Government of Karnataka has identified about 18 tourism products as part of the Karnataka Tourism Policy 2015-20 eligible to avail incentives and concessions from the Government. In order to ensure quality of service delivery the Government has linked the rating of the assessed product/service.

For the effort, iDeCK has assisted the Government in empanelling 4 SEBI Registered Rating Agencies and has devised rating parameters after intense deliberations with these agencies.



iDeCK is also the nodal agency managing the entire initiative of rating of tourism products in Karnataka, a novel and first-of-its-kind initiative in India.









Brickwork Ratings India Private Limited India Ratings and Research Private Limited SMERA Ratings Limited

Credit Analysis and Research Limited











IT & eGOVERNANCE





Smart City Solutions | Product Development & Custom Solutions | Project Monitoring Tools | ERP



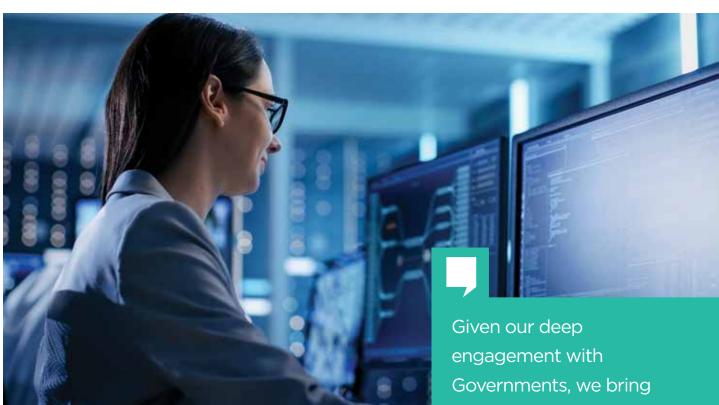
IT & eGovernance

Expertise to help make the Transition

IT & eGovernance is about easing and enriching citizen's lives by enabling an efficient service delivery ecosystem across facets. As the online universe becomes more pervasive, the governance framework and social services envisage shifting of daily life ecosystems from a physical one – a move that needs professional planning and advise.

iDeCK brings tremendous value to this space given its long years of active engagement with Governments, both central and state.

Our technology team consists of professionals from the Government and reputed names in global IT, a fine blend of youth and experience. The pool has an excellent understanding of Government practices along with exposure to best practices and processes from the private sector and provides "strategic oversight and consultancy" for eGovernance.



Our focus areas in IT & eGovernance include:

- Smart City Solutions
- Application development & implementation (web & mobile)
- Dashboard & MIS solutions
- · Project monitoring system
- ERP solutions

engagement with
Governments, we bring
tremendous value addition
on eGovernance projects..
Our IT & eGovernance
offerings range from
providing design
consultancy to
implementation and project
maintenance.





Smart city Solutions

iDeCK is working on multiple Smart City projects with a significant emphasis on ICT components apart from infrastructure related projects. These involve providing solutions in the areas of:

- Grievance Management
- · MIS and City Dashboard
- Integrated Citizen Application
 Smart Parking
- Integrated Command and **Control Centre**
- Open Data Portal
- GIS

- Network
- Smart Poles
- Strengthening Transport Systems
- Solid Waste Management
- Safety & Surveillance







Product Development Custom Solutions

1 Transport Sector Projects

iDeCK has assisted the Department of Transport, Government of Karnataka in developing several key initiatives leveraging Information Technology. Important projects include:

- Implementation of computerized service delivery systems at all transport offices across Karnataka
- Selection of PPP for provision of smart cards for transport applications
- Feasibility & transaction advisory services for high security registration plates
- · Vehicle testing centres
- GPS tracking of private stage carriages
- · Networking of emission testing centres









Web and Mobile App Platform for Tourism

iDeCK has developed a TaYF "Tourism at Your Fingertips" concept-based robust and scalable platform for tourism consisting of web and mobile applications with multiple components. The first deployment of this product has been launched under the name "PRATHAMA" by the Department of Tourism, Government of Karnataka.

Data Module

A separate data module has been developed under TaYF, designed to capture various data points (through the mobile app) of tourism destinations and its facilities to support in decision making process and further analysis.

- Project Monitoring with Milestone Management This module features user access management and a mobile app for GPS based status updates. Project reviews and reporting is another unique feature of this module.
- Homestay Module is a key component of TaYF/ PRATHAMA. This facilitates the registration of homestays in Karnataka and ensures issuance of registration certificates. It allows stakeholders such as District Commissioner (DC) or the District Tourism Officer (DTO) to manage and monitor the workflow system.
- Reporting and Analytics is available on the MIS for fine grained information, intelligent reporting and analytics.
- Mobile Apps have been developed across platforms with the above functions (Android and IOS) to help a larger user base.

Prathama is a robust platform that offers several features including project monitoring, statistics, and other vital information related to tourism.





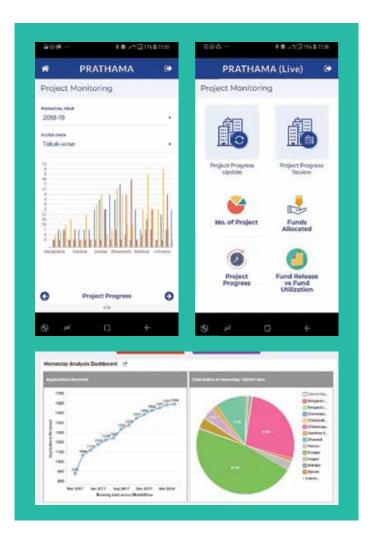
Project Monitoring

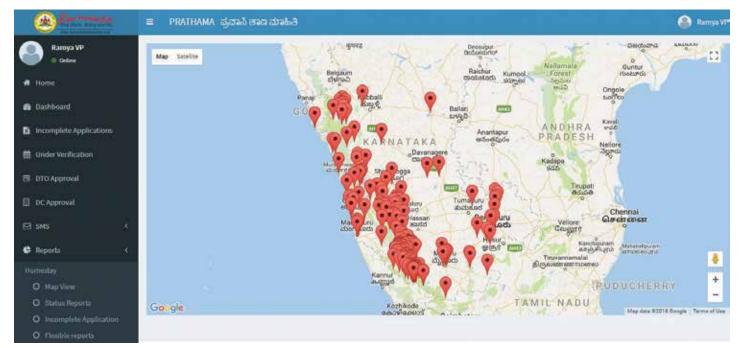
iDeCK has developed a simple and powerful open source technology based project monitoring application. Scalable and easily configurable, this cloud solution is secure and has a responsive UI. The mobile app is built on a hybrid platform for Android and IOS. Salient features of this system include:

- Project initiation and collection of data related to the project such as milestones, costing work order, contractors etc.
- Monitor the funds released and utilised
- Milestone definition based on the nature of the project
- Approval workflow
- Mobile app to capture real time geo-tagged progress of the ground work using photos and comments
- Flexible reporting and analytics
- Dashboard for analysis
- · Project review on web and mobile
- · On cloud solution to get started immediately

The application is currently being used for monitoring different projects for the Department of Tourism, Government of Karnataka

The system is flexible and can be used on various infrastructure domains where close project monitoring is a challenge. The system provides information in real time on project progress, scheduling and cost variances helping in quick decision making on any project.





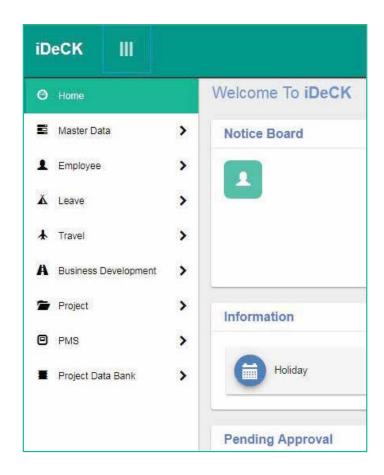


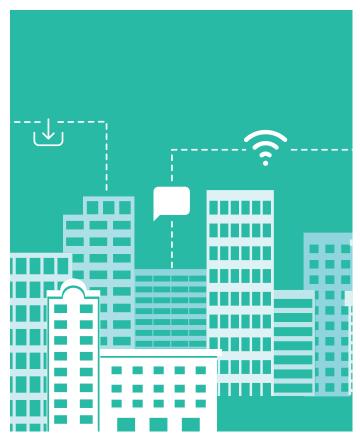


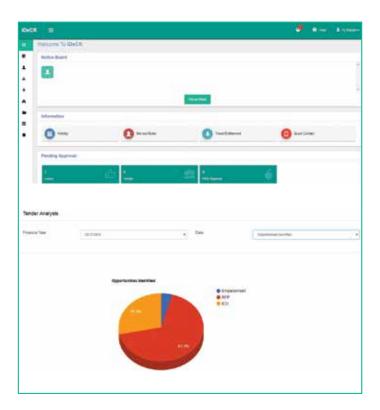


An ERP solution has been developed to address in-house business requirements named 'iConnect', the portal consists of key business modules including:

- **HR Module:** To help process the employee lifecycle management (requisition, on-boarding, performance appraisal and exit), leave, travel, employee information, etc.
- Business Development Module: Helps follow a process for the creation of tenders/business leads, go/no-go decisions, business pipeline tracking integrating seamlessly with the project monitoring module
- **Project Monitoring Module:** Helps in capturing financial details of the project lifecycle
- Helpdesk Module: Aims at addressing employee issues through a complaint and redressal system















Feasibility Studies | Financial Advisory | Business Consulting Project Structuring | PPP Advisory | Transaction Advisory Fund Syndication | Strategic Initiatives



Business Advisory Services

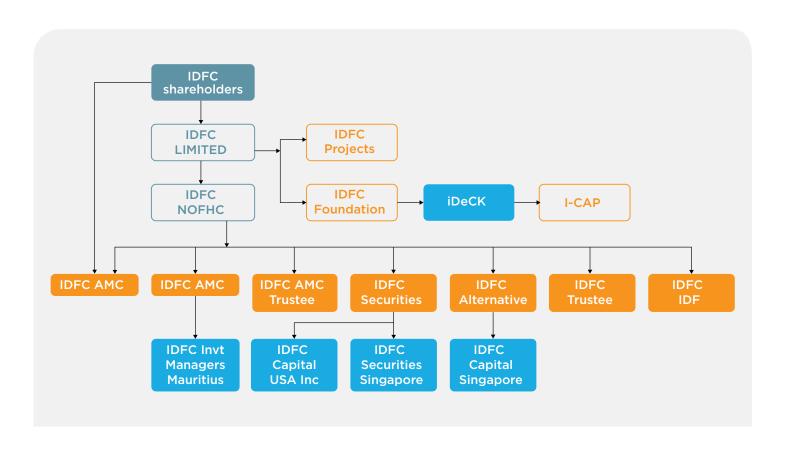
iDeCK provides strategic and financial consulting services to clients that include Governments, regional and global organizations, and corporates. We have rich experience in helping clients steer through various economic cycles - boom, slowdown, and cautious revival phase. Our team has offered innovative solutions for infrastructure development from concept to implementation - contributing across the entire project lifecycle.

We understand the long term nature of infrastructure contracts, and support our clients on projects that are bankable and sustainable. We focus on an equitable distribution of risks and responsibilities. We offer assistance to clients in their decision making process, ensuring a robust project that also attracts private capital.

iDeCK works closely with the various arms of IDFC, our parent organization in delivering advisory services engagements to

ensure high quality of deliverables. Given IDFC's experience with projects (either by way of debt or equity), this engagement gives us deep insights into the thinking of various stakeholders across the project life cycle. The IDFC institute is a think-tank working exclusively in the area of policy, institutional reform and governance. This body of knowledge within the IDFC ecosystem is leveraged at a no-cost-to-client basis by different business groups and practice areas within iDeCK.

We put together a diverse and dedicated multi-disciplinary team for each assignment. Each member goes through extensive training to deliver high quality, implementable solutions. The mix helps us to adopt a creative and cross-functional approach, which has been well-appreciated by all our clients.







Services Offerings

- Policy preparation
- Sector strategies (national and sub-national)
- Urban finance strategies and frameworks
- Tariff frameworks
- Economic impact assessment
- Financial feasibility studies
- Risk identification and mitigation strategies
- Project structuring

- Contract documentation
- Transaction advisory services for implementation of PPPs
- Programme management support
- Business plans
- Fund syndication
- Bid process management
- Bid documentation

Business Practice Verticals

URBAN

TRANSPORTATION

ENERGY

TOURISM

IT & eGOVERNANCE

HEALTHCARE

SKILLS & EDUCATION

INFRASTRUCTURE & TECHNOLOGY

SKILL DEVELOPMENT & CAPACITY BUILDING



Our Practice Areas

PRACTICE AREAS

POLICY & REGULATION

Regulated Economics/PPP Models/Governance

RISK MANAGEMENT Credit Risk/Market Risk/Operational Risk/Risk Identification/ Risk Analysis/Risk Mitigation Measures

PROCESS CONSULTING

Cost Reduction/Process Re-engineering/Organisation Design

TRANSACTION ADVISORY

Due Diligence/Project Advisory/Bid Advisory/Financial Restructuring/ Contract Documentation/Bid Process Management

STRATEGY

Enhancing Competiveness/Market Assessment/Improving Effectiveness/Market Inteligence

DEVELOPMENT CONSULTING

Investment Institutional Capacity Research & Sustainable Climate Strengthening Building Development Development

BUSINESS GROUPS

 Urban
 Transportation
 Energy
 Tourism
 IT & eGovernace
 Infrastructure







Business Consulting

1 Entry Strategy

This could be leveraged by a business operating in India in one domain, and looking at entering newer spaces outside of their current operations. This could also benefit entities outside of India, interested in entering the infrastructure space in India. With our extensive experience, we are best poised to offer advice on business, economic, and political factors that could impact investment decisions.

2 Business Plans/Restructuring

Given our domain expertise and understanding of operations, we are well positioned to assist in the preparation of business plans/restructuring of companies to redirect their focus and turn them around for profitability. We have been involved in the restructuring of four Government promoted entities in India.

iDeCK's Business Advisory Group focuses on the corporate sector, helping clients enhance their competitiveness along the various segments of their value chain. We provide consulting services in strategy, policy advisory, operations improvement and corporate finance. A large part of our corporate clients is spread across these eight industry verticals.

- Urban
- Transportation
- Energy
- Tourism
- IT & eGovernance
- Healthcare & Lifesciences
- Skills & Education
- Infrastructure & Technology

Our clients include Government departments, multilateral organizations, corporates, family-managed businesses and industry associations.



Financial Advisory

We take on financial structuring of a project, including sourcing of finance and risk mitigation.

1 Debt Restructuring

Given our background, we have regular deep interactions with various investors such as banks and financial institutions. Our team undertakes project appraisals for our internal purposes from an investment perspective and also manages funding mandates for corporates and Governments. We also handle debt structuring activities, essential to lower stress on cash flows ensuring that projects remain as standard assets with their financiers

2 Fund Syndication

Corporates have large funds requirements by the way of debt and equity for timely financial closure of their projects. iDeCK has a full-fledged syndication, structuring and advisory division (BAG) offering a wide range of financial services. BAG has a team of qualified professionals, equipped to address the special needs of clients' and provide smart solutions. The team takes a transparent approach and a balanced view on the risk perceptions of projects. Our service offering includes:

- Rupee Debt Syndication (term loan and working capital)
- Underwriting of deb
- Arranging ECB, FCCB, ECA and other types of FC funding
- Equity syndication/placement of private equity
- Arranging M&A funding
- Private placement of bonds/debentures/preference shares
- Appraising and structuring of financial packages



Feasibility

We undertake feasibility studies to determine a project's viability, helping clients make a decision on whether to proceed with the project. Typical studies cover aspects such as markets, competition, project cost, revenue projections, returns, risks and the legal and regulatory environment.





Project Structuring

Project structuring involves addressing concerns and meeting the requirements of diverse stakeholders, addressing legal and regulatory issues, and capital structuring. This is converted into contracts that clearly define roles, responsibilities, and risks allocated to each partner.



PPP Advisory

Our team brings unique ideas; effective marketing to potential bidders along with transparent, well-documented and quick processes that ensure the best long-term value for Government entities when they structure Public-Private Partnership projects. We also offer advisory services to private sector clients planning to bid for infrastructure projects through PPP.



Transaction Advisory including Due Diligence, Valuations, Economic Analysis

iDeCK takes a holistic approach to Transaction Advisory that reflects a thorough knowledge of the individual activities and how, integrating these activities can impact a transaction leading to its success.

While investors need accurate information to make critical decisions, such information is not readily available and is often difficult to evaluate. The success of a deal may hinge on the ability to discover and analyse these hard-to-find insights.

We offer technical, financial, and commercial due diligence for projects on behalf of investors, lenders, and investees.

We collaborate with you to understand the objective of the transaction and define the best possible roadmap to take project forward. We advise you during the initial evaluation by discussing the transaction structure, the financial terms, outlining the preferable terms and suggesting various alternatives. Based on our understanding the objective and the prevailing regulatory environment, we suggest possible options/structures. We will flag issues that arise from our understanding of the various aspects governing a possible transaction to ensure effective decision making from your end.



Strategic Initiatives and Special Projects

iDeCK is the fund management agency for PDF (Project Development Fund) earmarked for infrastructure project development, and vested (with iDeCK) by the Government of Karnataka. iDeCK initiates the development of infrastructure projects (in association with other Government agencies) to be implemented through private participation.

iDeCK identifies infrastructure projects (in association with Government agencies) that could be implemented through private participation. The PDF is then utilized in:

- Defining the scope of services for project preparation studies
- · Technical studies
- · Demand studies
- Financial viability analysis
- Project structuring for private participation
- Bid documentation
- Bid process management including project marketing to prospective bidders
- Assistance to the Government agencies in negotiations and agreement, with the selected private developer.







Government & Multilaterals Group

Helping Governments achieve better efficiency.

iDeCK's Business Advisory Group focuses on helping governments enhance their efficiency, impact, and outcomes at various levels. We do this by offering assistance in institutional reform, governance, and capacity building in Government departments/organisations. We work with Governments at all levels – local, state, national and International. The functional nature covers policy, long term planning, administration and control, fiscal management, and e-governance.

We have a talented core team of in-house consultants, an extensive database of on-call external experts, and partnerships with various collaborating institutions.

We catalyse a synergy of natural and social sciences, engineering and management, to provide clients with cutting edge consulting solutions.

Reflecting this, the group's technical assistance and consultancy services range from single-person projects to full-fledged teams. We have proven expertise in handling projects varying from a few days, to several years.

With a track record of over 700 consulting assignments, iDeCK services clients in SAARC and other countries across South East Asia and Africa.

Within the Government & Multilaterals Group, one area of focus is our Development Consulting Practice which provides services across the entire development spectrum. Its expertise spans social (education, health, livelihoods, poverty, resettlement & rehabilitation), technical (environment, energy efficient, renewable energy, forest management) and sustainability services (disaster management, risk mitigation, climate change, and corporate social responsibility).





Key Project Experience

TRANSPORT

ROADS

Preparation of Financial Feasibility Study and Transaction Advisory Services, Traffic Studies for over approx. 7000 Kms road networks in states of Bihar, Gujarat, Jharkhand, Karnataka, Kerala, Maharashtra and Telangana

Various Govt. Clients

Bid Advisory for various private sector entities for road projects in the states of Andhra Pradesh, Gujarat, Karnataka, Punjab, Tamil Nadu and Telangana

Various Private Sector Clients

Consultancy Services for Preparation of Feasibility Study including Transaction Advisory Services Greenfield Expressway for Ranchi - Bokaro - Dhanbad - Jamsedpur (200 Kms)

State Highway Authority of Jharkhand (SHAJ), Government of Jharkhand

Preparation of Template Model RFQ, RFP, Concession Agreement, Independent Engineer, Statutory Auditor Documents and Financial Model for annuity and hybrid annuity projects for the state of Maharashtra

Public Works Department, Maharashtra

RAIL

Preparation of business plan for Rail Infrastructure Development Company (Karnataka) Ltd., (K - RIDE) for development of rail projects in Karnataka

Infrastructure Development Department, Government of Karnataka

Financial Evaluation and Legal Documentation for the Development of Hassan - Mangalore Rail Line through a SPV on a commercial format

Infrastructure Development Department, Government of Karnataka

Tying up of Equity Financing and Debt Funds for Implementation of the Hassan - Mangalore Gauge Conversion Project

Hassan-Mangalore Rail Development Corporation Limited (HMRDC)

Traffic Studies and Financial Feasibility for the Development of New Rail line between Talaguppa and Honnavar, Karnataka and Bagalkot - Kudachi, Karnataka

Rail Infrastructure Development Company (Karnataka) Limited (K-RIDE)

Preparation of business plan, capital and estimates of O & M requirements for gauge conversion/development of new railway lines in the state of Karnataka

Infrastructure Development Department, Government of Karnataka



TRANSPORT

PORTS

Transaction Advisory Services for development of multipurpose/bulk cargo/Container berths through PPP at various major ports

Various Port Trusts (Cochin, Kandla, Kolkata, Marmugao and New Mangalore)

Advisory Services for Development of Sea Ports (Tadadi and Pavinakurve) in the state of Karnataka on PPP Basis

Infrastructure Development Department, Government of Karnataka

Preparation of Business Plan and Transaction Advisory for the Concession of Onitsha, Lokoja, Baro and Oguta River Ports, Nigeria

National Inland Waterways Authority, Nigeria

Preparation of Master Plan for Re-development of Willingdon Island in Cochin

Cochin Port Trust

Structuring and Operationalising of the Port Fund

Department of Ports & Inland Water Transport, Government of Karnataka

AIRPORT

Advisory Services for Development of Airports in the State of Karantaka (Shivamogga, Gulbarga, Bijapur and Bellary)

Infrastructure Development Department, Government of Karnataka

Preparation of State Perspective Civil Aviation Plan

Infrastructure Development Department, Government of Karnataka

Consultancy Services Development of Greenfield Airport at Sindhudurg in Maharashtra India Infrastructure Initiative (Principal Client to Maharashtra Industrial Development Corporation (MIDC), Maharashtra),

Drafting of a Policy Framework for Development of Minor Airports in Karnataka

Infrastructure Development Department, Government of Karnataka



TRANSPORT

LOGISTICS

Consultancy Services for Preparation of Integrated Logistics Policy for Gujarat

Gujarat Infrastructure Development Board

Market Analysis and Location Identification for Logistics Park in & around Bengaluru, Karnataka

D. Devaraj Urs Truck Terminals Limited

Development of Logistic Parks at Harohalli & Hassan, Karnataka Infrastructure Development Department, Government of Karnataka

Optimal Location Study to develop Inland Container Depots (ICD) & Container Freight Stations (CFS) across Karnataka

Visvesvaraya Industrial Trade Centre, Govt. Of Karnataka Centre for Export Promotion (VITC)

Feasibility Study for development of truck terminals, logistics parks at various locations in the states of Karnataka and Jharkhand Karnataka Urban Infrastructure Development and Finance Corporation (KUIDFC) and Jharkhand Urban Infrastructure Development Company Limited

URBAN

WATER & WASTE WATER

Transaction advisory services for the development of integrated water supply to Bijapur & Chitradurga districts, in the state of Karnataka

Karnataka Urban Water Supply & Drainage Board

Advisory Services for Reuse of Treated Waste Water in Gujarat

Gujarat Water Supply & Sewerage Board

Transaction Advisory services for water supply programme for peri urban areas in Uttarakhand

State Water & Sanitation Mission, Department of Driniking Water & Sanitation, Govt. of Uttarakhand

Transaction advisory services for the identification of technical auditor and operations consultant for World Bank assisted Karnataka Urban Water Sector Improvement Project (KUWASIP)

Karnataka Urban Infrastructure Development and Finance Corporation, Government of Karnataka

Up-scaling of 24x7 water supply project in Karnataka cities on PPP in: Gulbarga, Hubballi - Dharwad, Belagavi

Karnataka Urban Infrastructure Development and Finance Corporation, Government of Karnataka

Transaction Advisory Services for water supply for Adityapur and Ramgarh towns including technical Studies, Jharkand

Jharkhand Urban Infrastructure Development Company Limited





URBAN

SOLID WASTE MANAGEMENT

Transaction Advisory Services for India's first scientific landfill facility under a PPP framework in Bengaluru, Karnataka

Bruhat Bangalore Mahanagara Palike (Bangalore City Corporation)

Management of collection and transportation in Bengaluru (198 wards)

Bruhat Bangalore Mahanagara Palike (Bangalore City Corporation)

Implementation of collection and transportation action plan for Thiruvananthapuram Municipal Corporation and in the select zones in Delhi

Various Municipal Corporations in Kerala and Delhi

Waste processing and engineered sanitary landfills in Bangalore, Visakhapatnam, Thiruvananthapuram, 8 ULBs in Karnataka

Various Municipal Corporations in Andhrapradesh, Karnataka and Kerala

SANITATION

Assistance to Tirupati Municipal Corporation and Shimla Municipal Corporation in developing efficient and sustainable O & M models for public toilets in Tirupati under the National Urban Sanitation Policy in India - (GIZ)

GiZ (The Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH)

Study of the sanitation landscape of Karnataka state for identifying critical cities for future improvement initiatives

Bill & Melinda Gates Foundation (BMGF)

URBAN TRANSPORT (RAIL BASED)

Transaction Advisory services for development of various properties/stations of Bangalore Metro Rail Corporation Limited

Bangalore Metro Rail Corporation Limited

Preparation of Model Concession Agreement for Metro Rail Project through BOT and Hybrid Model

Asian Development Bank

Advisory Services for Development of a High Speed Rail Link to Bangalore International Airport at Devanahalli, Bangalore

Infrastructure Development Department, Government of Karnataka



ENERGY

GROUND MOUNTED SOLAR

Advisory services for development of 760 MWac solar power plants in Karnataka and 2 MWac of floating solar PV power project on water bodies

Karnataka Renewable Energy Development Limited (KREDL)

ROOFTOP SOLAR

Advisory services for the development of Solar PV power plant over car parking - 1.1 MWp

Pilikula Nisargadhama

Rooftop solar across 530 colleges and universities under the Department of Higher Education across 30 districts of Karnataka - 60 MWp

Department of Higher Education Karnataka, India

Development of rooftop solar power plants in all the govt-owned buildings - 5MWp

Patna Smart City Limited

TOURISM

TA services for International Convention Centre, Bangalore worth INR 1000 Crores

Department of Tourism, Government of Karnataka

Successfully bid out about 40 tourism properties in Karnataka

Department of Tourism, Government of Karnataka

Transaction Advisory services for 27 tourism properties in Jharkhand

Jharkhand Tourism Development Corporation (JTDC)

Transaction Advisory services for development of about 9 Dam sites in Karnataka & Jharkhand Cauvery Neeravari Nigama Limited (CNNL), Karnataka Neeravari Nigam Ltd. & Directorate of Tourism, Government of Jharkhand

TA services for beachside luxury hotels in Andaman & Nicobar Islands and Daman & Diu

Department of Tourism, Andaman & Nicobar Administration & Omnibus Infrastructure Development Company (OIDC)





BUSINESS RESTRUCTURING/INSTITUTIONAL STRENGTHENING AND REFORMS

Advisory Services to Bangladesh Infrastructure Finance Fund Limited (BIFFL)

Asian Development Bank

Financial Structuring for Cauvery Handlooms

Karnataka Co-op Handloom Weavers Federation Limited

Selection of a private partner for leasing out Operations of MPM

Mysore Paper Mills Limited

Preparation of business plan and revival scheme for Karnataka Handloom Development Corporation

Karnataka Handloom Development Corporation

Preparation of PPP Manual for mainstreaming PPPs in India

Asian Development Bank

Preparation of Public Private Partnership Project
Handbook (Link Provided Below)
https://www.pppinindia.gov.in/documents/20181/33749/
PPP+Guide+for+Practitioners/

Infrastructure Development Department, Government of Karnataka

Preparation of framework for managing Urban Transport Funds set up of Government of Karnataka

Directorate of Urban Land Transport

Restructuring of Karnataka Urban Water Supply & Drainage Board

Karnataka Urban Water Supply & Drainage Board

DEBT AND EQUITY FINANCING

Operating the Project Investment Fund (PIF) of the Government of Karnataka from the year 2000, including formulation of operating procedure and management

Infrastructure Development Department, Government of Karnataka

Operating the Project Development Fund (PDF) of the Government of Karnataka from the year 2000, including formulation of operating procedures and management

Infrastructure Development Department, Government of Karnataka





PLANNING & DESIGN





Urban Planning | Regional Planning | Master Planning | Area Development | Infrastructure Planning | Local Area Planning | Urban Design | Landscaping | Architectural Design | Sustainable Development







SAFE HERITAGE REGIC **SMART CITIES REGIONAL**

INTERCONNECTED

ENGINEERING

ADMINISTRATION DESIGN CONSERVATION

ARCHITECTURE INDUSTRIAL LANDSCAPE WINFRASTRUCTURE **BLUE-GREEN** LAND POOLLING

"Creating Sustainable, Smart, Inclusive & Innovative Spaces"

Urban Planning & Design

With a Vision of "Creating Sustainable, Smart, Inclusive & Innovative Spaces", the "Planning & Design" (P&D) arm iDeCK, adopts a comprehensive, integrated, multi-disciplinary process, which addresses the nuances of social, political, economical, environmental and physical, constituents to achieve and promote a harmonious, holistic and dynamic, development of a space, area or a region.

The Urban Planning services of P&D, mainly focus on projects which assist the city administration to plan and design interventions which are sustainable, viable and reliable. P&D has been involved in preparation of city level strategies, policies and project proposals for various urban development projects across the country under various Central and State level schemes and missions. From preparation of city level strategies and investment plan to area level planning, we have a wide range of successful projects under our experience.

Being multidisciplinary infrastructure consultancy, iDeCK is uniquely positioned and equipped to offer solutions that integrate Economic, Social, Physical and Environmental aspects of development comprehensively.





Our services range from visioning to conceptualization planning to detailed design across multiple sectors Following is the broad list of services offered:

- 1 REGIONAL PLANNING
- (2) URBAN PLANNING & URBAN DESIGN
- 3 SMART CITY PLANNING & DEVELOPMENT
- (4) CITY DEVELOPMENT PLAN
- (5) LOCAL AREA PLANNING
- 6 MASTER PLANNING & AREA DEVELOPMENT
- (7) LANDSCAPE PLANNING & DESIGN
- 8 ARCHITECTURAL DESIGN
- (9) STRATEGIC & ECONOMIC PLANNING
- 10 SUSTAINABLE DESIGN





Planning & Design i Deck





Our Focus Sectors

1 URBAN RENEWAL & DEVELOPMENT

- Urban Design Interventions
- Urban Space Planning and Design
- Smart City Development
- Transit Oriented Development
- Waterfront Development





2 TRANSPORTATION

- · Multimodal Transit Hub
- Bus Station/Bus Port
- Transport Nagar/Truck Terminal

3 TOURISM & HERITAGE

- Recreational Destination & Theme Park Development
 - a. Dam Site, Riverfront
 - b. Public Park/Botanical Garden
 - c. Cultural & Religious Theme Park
- Tourism related Infrastructure Planning & Design
- Heritage Master Plan
- Planning of Tourism Circuits



4 INDUSTRIAL

- Industrial Master Plan
- Infrastructure Planning
- IT Parks/SEZs
- Logistic Hubs

5 INSTITUTIONAL & SOCIAL INFRASTRUCTURE

- Religious Destination Master plans
- Campus Planning & Design
- Museum & Community Hall









iDeCK is a pioneer in conceptualizing South India's industrial infrastructure corridor (regional plan), the "PRIDE Corridor" connecting Chennai to Mumbai via Bangalore, for Govt of India which later became CBIC and BMEC Corridors. Apart from regional level planning, IDECK's planning team has expertise in preparing urban plan & infrastructure plan [with GIS applications], urban design and master plan/area development for multiple sectors and some of the key projects includes:

Development Plan

Development plans for six smart cities – Thiruvananthapuram (adjudged the best proposal in Round 3 of the Smart City Challenge Round), Tumakuru, Hubballi-Dharwad, Shivamogga, Salem, Madurai. Under implementation of smart cities development iDeck is handling planning, design & detailing for Davangere, Bengaluru & Patna Smart Cities

Historical and Religious Precinct

Master planning and design for the religious precinct at Itkhori which also includes the world's largest prayer wheel Master plan and detailed design for the religious precinct at the riverside confluence, Rajrappa

Waterfront cum Recreational Development

Waterfront area plans at reservoir sites at Kabini, Gorur (client CNNL), Chandil, Hatia, Getalsnd, Kanke, Koderma (Client JTCD and lakefront development of Rajendra Sarovar Park (Client JUIDCO); Services provided includes Feasibility, Master Planning, TA and DPR

Open Space Design

Public Parks & Botanical Gardens development at whitefield, Tumkuru, Mysore, Hospet for Department of Horticulture, Karnataka.

Urban Transport Infrastructure Projects

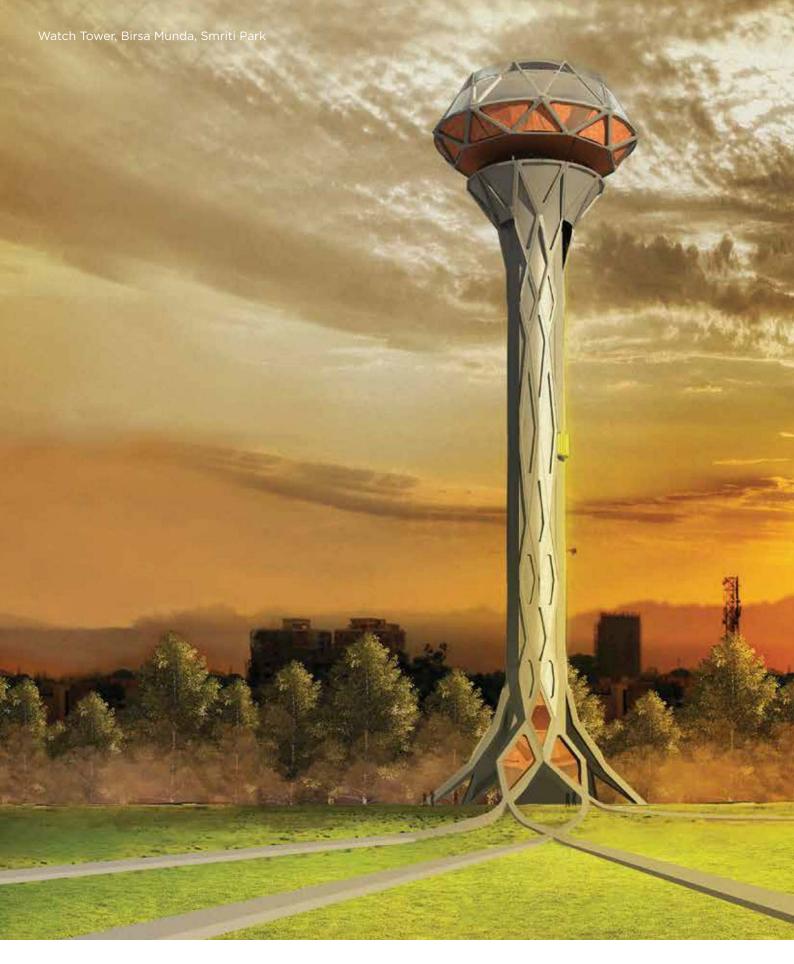
Traffic and Transit Management Centres (TTMC) across 6 locations in Bangalore, number of Bus Stations in Shivamogga, Davangere, Dhanbad, Ranchi, Hazaribag and Transport Nagars across various cities in India.



iDeCK has a strong team of Urban Planners, Urban Designers, Landscape Architects & Architects with vast experience in handling a wide range of urban development and master planning projects across India & internationally.





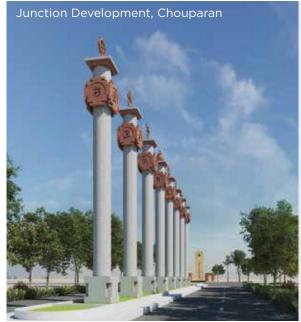




Urban Design

Urban Design at iDeCK focuses on enhancing and creating smart, sustainable, inclusive & dynamic urban spaces, built forms and infrastructure systems. The processes ensures integration of nature, culture, tradition, people, scale, etc. towards establishing/retaining the indigenous character of a place.





iDeCK has handled gamut of urban design projects, including, public & open space design, waterfront development etc. for various cities. Conceptualizing the landmark for the Capital of Jharkhand, Ranchi, is one of the flagship project. Under Smart City & JNNURM schemes, iDecK has carried out urban redevelopment, renewal, rejuvenation and conservation projects at Bengaluru, Madurai, Salem, Davengere, Tumkur, Hubballi - Dharwad, Shivamogga etc. which has enhanced and established multifunctional public spaces, developed with the an objective of Place Making. IDeck was also involved in projects of redevelopment of places of Historical significance, which adheres & emphasis, the historicity & traditional character of the place.





Architectural Design







iDeCK's P&D arm, is specialized in designing, innovative, unique, functional and contextual, architectural designs, with styles ranging from traditional/vernacular, contemporary to futuristic/hi-tech designs, across all sectors. As stated in our other services, iDecK ensures sustainable building design as part of all its services offered and has experts in designing Green and Sustainable buildings.

We have handled architectural designs of all building types, ranging from commercial buildings, Hospitality cum MICE buildings, residential complexes, Industrial buildings etc. P&D also have vast experience in designing, Urban scale buildings/public buildings like, TTMC, Bus Stations, Transport Nagars, Tourism & Religious infrastructure buildings including, multipurpose hall, auditorium, meditation hall, museums and Institutional Buildings like, Educational Campus buildings, Government office complexes etc.













Tourism

Creating successful tourism destinations through master planning and design based value addition is among iDeCK P&D arm's key areas of expertise. With an objective of attracting tourists, our design and detailing, intends creating spaces and elements which reflect an Innovative, distinct, appealing and pleasant experience for users.

iDecK has been involved in developing destinations across the country including recreational, religious, and spiritual spaces, waterfronts and spaces for rural/eco tourism. Apart from destination master plans, P&D also handles regional level tourism master plans, planning of tourism circuits etc.













Landscape

100

With a dedicated landscape team, we make possible landscape interventions in all our Planning & Design projects with a goal of promoting sustainable, eco-friendly development and ensuring a healthy environment.











iDeCK's experience in landscape development ranges from urban landscape projects as part of a Smart City development, landscape components of tourism destination master plans, transport based master plans, landscaping of urban roads and national highways, industrial & institutional master plans etc.

Exclusive landscape based projects include, dam based recreational parks and theme parks across India, public parks and botanical gardens in Karnataka, lakefront/riverfront development projects and dedicated ecosystem conservation projects like lake conservation, riparian zone protection projects etc.







Transport

Our Planning & Design wing supports the Transportation Division of iDeCK in preparation of transportation plans, master plans for various transport infrastructures, streetscape designs, urban designing of smart roads, junction development, landscaping of national highways etc.

We also provide support in preparing concept master plans of various transportation Infrastructures under PPP mode. This includes bus stations, bus ports, depots, TTMCs, logistic parks cum truck terminals, railway stations, airports, metro stations etc.



Truck Terminal cum Logistic Park, Ranchi







Some of our flagship projects under the transport sector include TTMC's for BMTC across major locations of Bangalore like Shanthinagar, Whitefield, Koramanagala, Banshankari, Kengeri, Vijayanagar and Bannerghatta and bus stations for

KSRTC & BMTC at various locations in Karnataka. We have also worked on bus stations cum commercial development centres and transport Nagars at various locations in Jharkhand.









ENGINEERING SERVICES





Project Initiation | Site Preliminary Studies | Concept | Technical & Financial Due Diligence | Detailed Project Report

Detailed Engineering | Bid Process Management | Project Management Consultancy | DLP Services



Every successful project begins with a blueprint for effective project management. This encompasses a structured process consisting of multiple phases with strategies, processes and tools to manage design and construction. Effective implementation includes controlling of key parameters such as scope, planning, design, scheduling, risk management, resource optimization etc.

Typical construction projects are spread across phases - pre construction, construction and post-construction phase. The iDeCK team brings an integrated approach to this including design management, coordination across disciplines, bid-process management, planning & scheduling, cost management, ITP/QC, SHE Compliance, testing & commissioning, MEP services and DLP service.

We ensure our execution standards adhere to the quality manual & SHE Manual with a specific emphasis on MEP services and applicable compliance. We have in place an effective tool for monitoring projects on a daily, weekly and monthly along with a transparent and accurate bill certification process. We also work on scheduling meetings with various stakeholders including consultants, clients, architects and vendors to assess the project's progress.

Master Planning

Development Plans

Technical/Legal/Financial Diligence & DPR

Contracts/Bid Process Management

Engineering Design & Peer Review

Design/Project
Management- PMC

Testing & Commissioning/ DLP Services



PMC Activities



Pre Construction

- Project Definition
- Project Administration
- Design Management



Construction

- Planning Management
- Cost Management
- Procurement Management
- Value Engineering
- Appointment of Contractors
- Site Management
- Quality Control & Assurance
- Safety Management

Post Construction

- Handing Over (Techno Commercial)
- Final Cost Report
- As Built Drawings
 O&M Manual

iDeCK PMC

Works as extended arm of the client

Has a clear understanding of the scope and objectives of the project in advance

Sets a value-driven approach and process in place

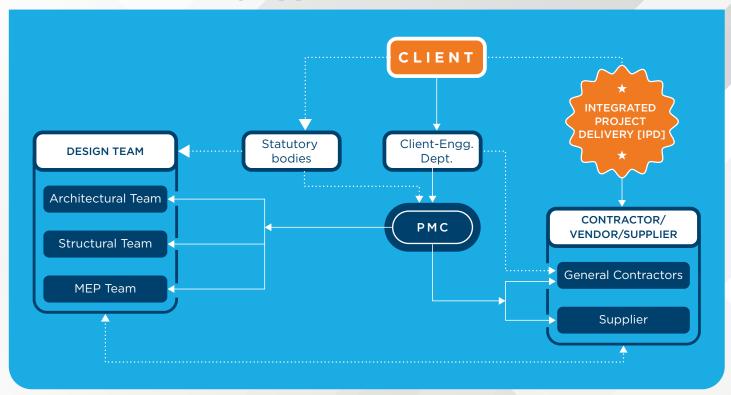
Project delivery governed by parameters of schedule/cost/ scope and achieved with no compromise on EHS standards







Project Communication, Pro-Active Delivery Approach





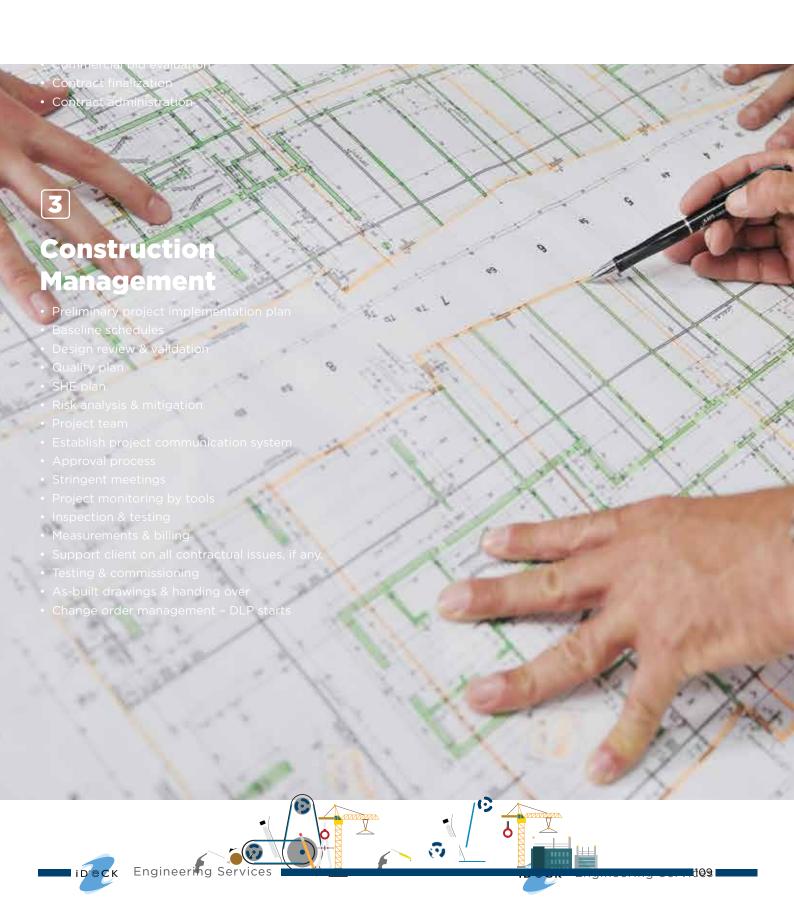
Design Management

- Review of design drawings for contractual compliance prior to issue as GFC
- Verification, validation & suggestions for improvement/optimization of the project
- Coordination of all services to ensure the project design and deliverables are aligned with the baseline schedule
- Ensuring applicable compliances











TTMC at Bannerghatta









Capacity Building and Training | Research Activities | Curriculum Development
Training Need Analysis | Conducting Workshops | Promotion of PPPs in Infrastructure
Governance Frameworks | Development of Policy | Legislative and Contractual Frameworks
Regulatory Frameworks | Reform and Programme Implementation | Institutional Strengthening





Our Mission





The Indian infrastructure landscape is attracting huge capital with an investment of 3.9 trillion USD envisaged in infrastructure development across sectors in India. It is also estimated that 50% of this investment is expected to be from the private sector. This makes it imperative for the diverse mix of stakeholders to be familiar with and possess the knowledge and skills in development of large infrastructure projects and in managing Public Private Partnerships (PPP).

It is largely acknowledged that capacity challenges among government agencies retards infrastructure service delivery and also adversely impacts economic growth and employment. Therefore, capacity building is the need of the hour for ensuring efficient development and implementation of infrastructure projects across sectors, across regions and government levels.

I-CAP Trust & iDeCK

It is towards addressing this requirement within the government that IDFC took the pioneering step of setting up the India PPP Capacity Building Trust (I-CAP) in October, 2007, with an objective to work across all sectors of infrastructure - physical infrastructure social infrastructure, rural infrastructure and allied services and activities. The initiative aims at providing all services required for capacity building and training, development of infrastructure and promotion of public private partnerships in the space.

Since 2017, iDeCK is the trustee of the I-CAP Trust and presently it serves as a dedicated platform for training delivery, pedagogy development, conducting research, knowledge repository and capacity building activities.

iDeCK's extensive advisory experience and IDFC's knowledge base in infrastructure strongly complement and reinforce I-CAP's proven track record in capacity building programmes implemented through effective training and mentorship for Government agencies both in India and abroad.









Our Service Offering

Our offerings include:

- Development and delivering training programmes
- · Rapid baseline and training needs assessment
- Pedagogy development including a mix of interactive lecture sessions, problem solving exercises, games and quizzes, discussions of case studies including live/ongoing or planned projects
- Monitoring and training impact measurement
- Developing and updating case studies (national and international) and field exposure visit planning
- Master trainer training and expanding the empanelled base of trainer resource personnel
- Consultative and Interactive feedback approaches involving target beneficiaries
- Research Activities







Focus Sectors Municipal Solid Waste Management Renewable Energy (Solar) Roads, Transportation & Logistics Social Infrastructure Tourism Healthcare Education

Capacity Building Training

We have supported training in public private partnerships across sectors at the following state level Institutions:

- Assam Administrative Staff College Guwahati, Assam
- Administrative Training Institute Mysore, Karnataka
- · Bihar Institute of Public Administration and Rural Development Patna, Bihar
- · Gopabandhu Academy of Administration Bhubaneshwar, Orissa
- HCM Rajasthan Institute of Public Administration Jaipur, Rajasthan
- Uttarakhand Academy of Administration Nainital, Uttarakhand
- · Yashwantrao Chavan Academy of Development Administration Pune, Maharashtra





Our master trainers also provide training on invitation at prestigious national institutions

- Induction level training to members of the All India Services and Central Services (Group A) through a common Foundation Course
- Induction-level and post-entry professional training for officers of the Indian Administrative Service (IAS) including mid-career training programmes
- Other in-service training programmes for the IAS and other services





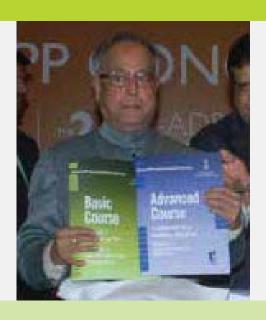


Selected Assignments

Ministry of Finance, Govt. of India

PPP entities in infrastructure participated in the development of course material which included train-the-trainer, pilot testing, modification and finalisation. This enabled a wide rollout of the content and training delivery by iDeCK and I-CAP.

The courseware was officially released in Dec 2010 at a special launch event by Mr. Pranab Mukherjee, then Hon'ble Finance Minister, who subsequently became the President of India (25th July 2012 to 25th July 2017).



Kfw Development Bank



The event included the rollout of a 4-day basic course, a 9-day advanced course (post the launch of the course content by the Hon. Finance Minister) and several customised shorter courses for senior government functionaries across sectors.

A mandate carried out for the Department of Economic Affairs, Ministry of Finance and supported by Kfw, this effort focused on seven major representative states. The project was undertaken over a two year period and covered a range of sectors represented through case studies and illustrations including transportation, ports and airports, logistics, urban development and energy.





Ministry of Housing and Urban Affairs, Government of India

iDeCK along with ICAP and IDFC was designated as a Regional Training Hub for the Ministry of Urban Development for capacity building for municipalities covering 14 states. The task included training on 3 designated regional packages:

- Finalise Regional Capacity Building Action Plan
- Programme Management
- Development of Training material, Manuals etc.



The key areas of capacity building covered includes:

Urban Management, Financial Management, Project Development, Project Implementation, Project Management, IT applications, Institutional Strengthening, Personnel Management Skills and Ethics in Municipal Governance.

Specialized Professional Training for Key Personnel from SPVs/ULBs of Smart Cities

Initiated in 2017 and planned as a 3 year initiative this covers two key packages of PPP - financial analysis & structuring of projects. A third package focuses specifically on Central Government Nominee Directors on the Boards of smart city SPVs and covers:

- Corporate governance and corporate legal aspects.
- Capacity building to support acceleration of smart city projects.
- Operationalisation of smart city SPVs, a key priority for the Government of India. iDeCK along with I-CAP are working in this critical area in partnership with RCUES.







Over 3000 functionaries are envisaged to be covered under this programme.







Infrastructure Concession Regulatory Commission, Nigeria

The ICRC was established to regulate Public Private Partnership (PPP) initiatives of the Federal government aimed at addressing Nigeria's physical infrastructure deficit to boost economic development.



- Take custody of every concession agreement made under the enabling act and monitor compliance of the terms and conditions under the agreement
- Ensure efficient execution of any concession agreement or contract entered into by the Federal Government

The ICRC is Nigeria's apex institution for planning and monitoring of projects implemented on a PPP basis. Mandates carried out include training of key officers of the Regulatory Commission as also Government officials from several departments.

The courses for the former covered key components of concession agreement, identification and mitigation of key risks in the contracts and a dispute resolution mechanism. Courses for the latter group focussed on contract design, structuring, management and financing of road, transport, energy, urban, health and education sector PPPs including experience sharing from the Indian context.



Ministry Of Finance, Bangladesh; ADB

iDeCK has an ongoing association with the Government of Bangladesh since 2013. It is working with the Government to set up the Bangladesh Infrastructure Fund Facility Limited (BIFFL) aimed at serving as a long-term funding and investment vehicle to facilitate the financing of PPPs in infrastructure and critical public services.

Subsequently mandated to train senior government officials across departments in areas such as: PPP project frameworks, structuring, understanding the role government/public sector and private fundamentals of project finance, financial modelling bid infrastructure sectors and documentation.





Currently working with Bangladesh partners to provide in-depth sector specific training for:

PPP in the Tourism Sector

PPP for Roads, Bridges and Highways

PPP in Transportation

Implementation of PPP Commercial Projects

PPP for Energy Sectors

Certificate Course on PPP Part-1

PPP Concepts, Need & Option Analysis and Risk Analysis

Certificate Course on PPP Part-2

Project Feasibility & Structuring

Certificate Course on PPP Part-3

Bid Process & Documentation

Certificate Course on PPP Part-4

Model Concession Agreement & Post Award Contract Management

Exposure Visit Program in India

(For Participants of PPP Certificate Courses)







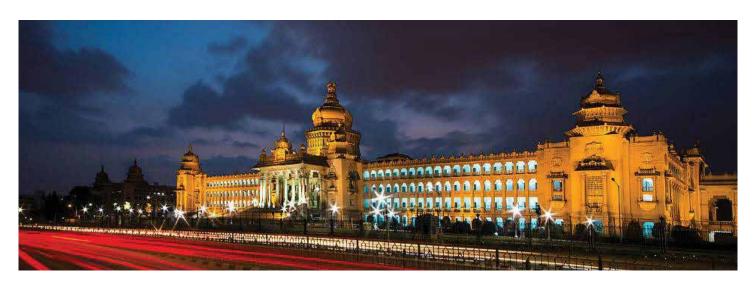
Capacity Building - Karnataka State

With the Government of Karnataka being a shareholder in iDeCK, the firm has its longest association with the state and has been working towards development mandates in Karnataka since year 2000. This learning experience is leveraged in various projects across India and abroad. Our advisory teams have executed several pioneering PPP models (many of them a first in India), in Karnataka. (Eg: 24/7 water supply, deferred payment PPP models,

hybrid annuity PPP models, railway projects etc.), prior to adapting and customising them elsewhere. Besides, we have been continuously involved with capacity building and training in PPPs across departments and are leveraging the live project experience. We also closely align with current government programmes and projects such as the ongoing smart cities initiative.







Select Publications and Guidance Materials

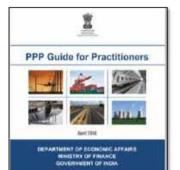
We have been mandated with framing of guidelines and toolkits covering the entire value chain of PPP, project development, financial analysis, project structuring, tendering and contracting, risk identification and mitigation/management, contract management including dispute resolution framework. These guidance materials are made available to various departments and authorities for an improved understanding of the application of PPP in their sectors and agencies and as convenient ready-reckoners.

This apart, we provide research and related support for important publications of our associated group and parent entity, IDFC Foundation including the Infrastructure Report series, since 2001. These provide an analysis and historical evolution of complex issues related to infrastructure development and Government policy and regulatory reforms across key sectors.

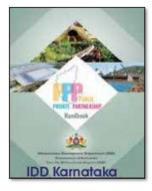
Capacity Building

The collection provides an in-depth understanding of the key challenges and developments facing India and is of considerable relevance in terms of knowledge sharing with other developing countries too.









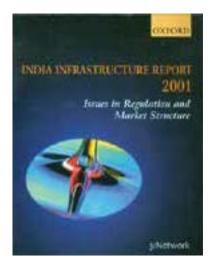


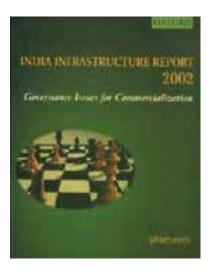


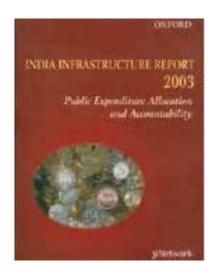


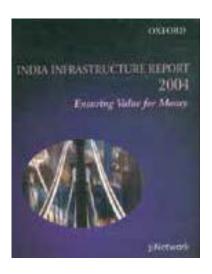
India Infrastructure Reports (IIR)

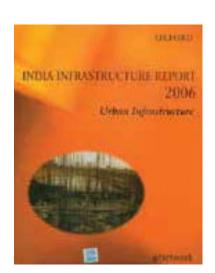
IIR Contain's academic research articles by experts on various sectors. iDeCK and I-CAP trust employees have also contributed to the IIR's research articles. The theme of IIR every year is carefully chosen to reflect a central contemporary issue in Infrastructure Development.

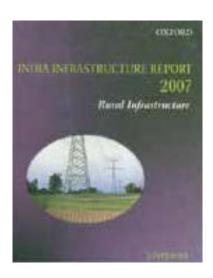


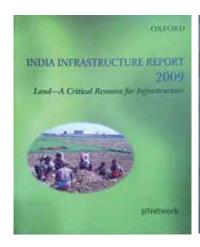


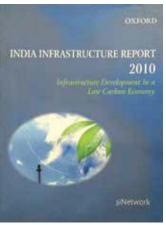


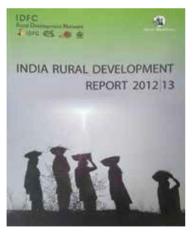














All the Previous IIR's may be freely accessed from http://www.idfc.com/foundation/policy/india_infrastructure_report.htm.







Select Clients

I-CAP in association with iDeCK and IDFC have undertaken several prestigious national and international capacity building assignments. Some of our clients include the following:

































LEGAL, POLICY & INSTITUTIONAL STRENGTHENING





Drafting Laws & Subordinate Legislations | Policy Formulation & Regulatory Development Guideliness Formulation | Institutional Straigthening | Legal Documentation & Procurement Services Legal Opinion | Legal Research | Negotiation Assistance | Contract Monitoring



In today's rapidly changing regulatory and business environment, both Government and private sector are expected to comply with strict legal requirements and newer developmental frameworks. iDeCK's legal team has an in-depth understanding of the legal framework as well as, extensive knowledge and experience pertaining to infrastructure project development. This expertise is being actively leveraged to advise stakeholders on a wide range of legal issues ensuring that our government clients stay compliant and private sector clients remain competitive. We also offer assistance in addressing sectors specific legal and policy issues.



iDeCK has rich, in depth experience in providing legal and advisory services for infrastructure projects in the following sectors:

- Urban infrastructure Water, Waste Water, Solid Waste Management and Sanitation
- Roads, Highways and Bridges
- Railways/Rapid Transit Systems
- Airports
- Ports
- Tourism
- Commercial Properties
- Housing
- Power
- Environment

has an in-depth understanding of the legal requirements and developmental frameworks. We advise both Government and private entities on a wide range of legal and policy matters.





Legal Advisory for Projects

Our legal team advised on some of the most prestigious and pioneering deals in infrastructure space. We have assisted government authorities, regulatory bodies and multilateral institutions in a wide range of matters - from conceptualization of projects to documentation, bid process management, awarding of contracts and assistance in project management. We cover the full range of infrastructure law advisory with the following main areas of expertise:



- Project Initiation examining the legal policy, regulatory framework for project initiation
- Procurement providing assistance during the procurement process; ensuring legal compliance in matters relating to procurement Drafting, vetting and advising on concession agreements, project development agreements, construction contract, off-take agreements, joint development agreements, power purchase agreement, EPC contracts, state support agreements and lease agreements
- Bid-process-management undertaking necessary legal due diligence and providing legal opinions on matters that arise during the bid process management and subsequent negotiations
- Project implementation addressing legal issues that arise during the project implementation
- Contract monitoring etc. ensuring compliance of legal provisions in the contract by both the parties and assisting the concerned authority in contracting monitoring
- Providing legal assistance in setting up of companies, preparation of legal documentation of incorporation and assistance in incorporation process



We envisage assisting our clients in achieving their objectives smoothly and efficiently minimizing legal and regulatory risks. We have a reputation for providing quality legal advice and transaction services to regulators, government entities, project developers, investors, suppliers and contractors on diverse commercial/transaction al issues. We provide services to both local and multinational clients.



Public Policy and Regulatory Frameworks

Apart from pure-play legal services, we also support our government clients in public policy formulation, a necessary pre-requisite to ensure successful rollout of projects and initiatives. Few of the key policy and legislations for which we have contributed our expertise and knowledge include:



iDeCK has proven expertise in Public Policy Formulation, a necessary pre-requisite to ensure successful roll-out of projects and initiatives

- National Level PPP framework for main streaming PPPs
- Preparation of PPP manual and compendium for mainstreaming PPPs in India
- Infrastructure policy for Karnataka, 2007
- Infrastructure policy for Karnataka, 2015
- Karnataka Infrastructure Development and Regulation Bill
- Swiss challenge guidelines for development infrastructure projects in Karnataka
- Karnataka Tourism Policy 2015 20
- Karnataka Tourism Trade Facilitation and Regulation Act, 2015
- Andhra Pradesh Water Sports Policy
- Strategy and implementation plan for urban drinking water policy of the Government of Karnataka
- Policy framework for development of minor airports in Karnataka
- Bangalore Metropolitan Land Transport Authority Bill
- Policy framework for improvement of road sector in Karnataka
- Karnataka State Highway Improvement Programme
- · New tolling policy for Kerala,
- · Integrated energy policy for Karnataka
- Planning guidelines for slum-free city plan of action
- Draft Issue of Hakku Patra (living rights) to slum dwellers and redevelopment of slums on public and private lands
- Draft legislation for Naya Raipur, Chattisgarh
- Governance options for Naya Raipur (Naya Raipur), Chattisgarh
- Developing frameworks for PPPs in municipal solid waste in Maharashtra

- Draft anti-littering law and advertisement byelaws, Bengaluru
- Disposal of property rules and Housing Board Act for Maharashtra
- Karnataka Underground Utility (Acquisition of Right of User in Land) Bill.

Our team is also credited with drafting first-of-its kind bid documents for development of projects under PPP framework. These documents were adopted for procurement by government departments/agencies much before model documents were introduced by the Government of India.

Given our rich experience, iDeCK services are now sought after by several other states in preparation of the standard model documents - most recent being documents for the development of highways and district Roads for Maharashtra.







OUR CLIENTS

Multilateral Agencies/ Development Agencies/ International







































National







































































EMPANELMENT & COLLABORATIONS

Empanelment

Central Govt & Agencies

- MoRTH
- (Ministry of Road Transport and Highways)
- MoHUA
- (Ministry of Housing and Urban Affairs)
- DEA (Department of Economic Affairs)
- NIUA (National Institute of Urban Affairs)
- Ministry of Finance
- EXIM Bank

Others: • Republic of Philippines • Asian Development Bank

State Govt & Agencies

- Madhya Pradesh
- Jharkhand
- Karnataka
- Maharashtra Guiarat
- Tamilnadu
- Andhra Pradesh
- Assam
- Puducherry
- Lakshadweep
- Kerala













Collaboration



National Law School of India University (Premier institution of law in india)

- Infrastructure related courses
- · Capacity building programmes
- Research and concept development in the infrastructure space
- · Advisory services in infrastructure field



Lal Bahadur Shastri National Academy of Administration

- Design, develop and conduct training & capacity building programmes.
- Developing curriculum, course material, documents teaching aids and toolkits.



IIFCL Projects Limited

- Appraisals of Infrastructure projects
- Dept syndication and other transaction advisory services
- Conceptualising infrastructure projects
- · Bid process management
- Undertaking studies and surveys













Head Office

Infrastructure Development Corporation (Karnataka) Ltd.

9/7, K.C.N. Bhavan

Yamunabai Road

Madhavnagar Extension

Off Race Course Road

Bangalore - 560001

Phone: +91 80 4344 8000

Fax: +91 80 43448001 Email: ideckinfo@idfc.com

Web: www.ideck.in

Branch Offices __

Bangalore

Shezan Lavelle, 5th Floor No. 15, Walton Road Off Lavelle Road Bangalore, Karnataka - 560001

Tel: +91 080 4344 8000

Bhopal

Orchid-72, Ruchi Lifescaps Hoshangabad Road Bhopal, Madhya Pradesh - 462026 Phone: +91 982 667 7580

Delhi

6th Floor, The Capital Court Munirka, Outer ring road Olof Palme Marg New Delhi - 110067 Tel: +91 011 4331 1000

Ranchi

183/C, First Floor Road No. 4 Ashok Nagar, Ranchi Jharkhand - 834 002 Tel: +91 651 224 3000