



Government of Karnataka

# INFRASTRUCTURE



**INVEST  
KARNATAKA  
2016**

*GLOBAL INVESTORS MEET*

February 3-5, 2016  
Bangalore Palace, Bengaluru



# Foreword



**Shri R. Roshan Baig**

**Hon'ble Minister for Infrastructure  
Development, Information & Public Relations and Haj**



*Karnataka has been an Investor friendly State with many flagship projects undertaken in partnership with private sector under the PPP model. Our Infrastructure Policy gives clarity on the procurement models for various strategic infrastructure projects which include new capacity creation as well as operations and maintenance of existing infrastructure. Karnataka has taken several initiatives across sectors and is a proactive State in implementation.*



# Foreword



**Smt. Vandita Sharma, IAS**

**Additional Chief Secretary to the Government,  
Infrastructure Development Department**

“*Karnataka has been a proactive State in infrastructure capacity creation based on economic need. It has always endeavored to promote economic justification and maneuvered through financing challenges with participation from multiple stakeholders. This approach has helped Karnataka achieve flagship projects through Public-Private Partnership and also through Public-Public partnership with exemplary service levels and user patronage. Forward looking, Investor and project friendly policy and a committed organization has been the hallmark of GoK's success and it hopes to consistently march ahead in Infrastructure development and service delivery.*”

# CONTENTS



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**3** Karnataka's Unique Advantage

**4** Government Initiatives  
and Policy Support

**5** Investment Opportunities

# Highlights



# 1

- 149 PPP Projects at various stages aggregating INR 1,87,000 Crore (USD 31167 mn)
- 17 projects - DPR / Feasibility Report prepared & bidding stage
- 61 projects - DPR / Feasibility Report under preparation
- 71 projects - Conceptualization stage

#### Agriculture

- 13 projects with INR 6,739 Crore (USD 1,123 mn)

#### Tourism

- 20 projects aggregating INR 2,000 Crore (USD 333 mn)

#### Port

- Greenfield Port at Tadadi INR 3,800 Crore (USD 633 mn)
- Expansion of Karwar port
- Two greenfield ports at Belekere and Pavankurve

#### Airport & Airstrips

- Minor airport at Shivamogga on PPP
- Airstrips to promote Air Taxi services/Non scheduled Operations

#### Roads

- 23 projects with more than 1,500 km opportunity under KSHIP and KRDC

#### Transport

- 47 projects aggregating to about Rs. 71,000 Crore (USD 16,283 mn)
- Light Rail-Two corridors in Bengaluru for a total length of 41.3 km with 37 stations

#### City Gas Distribution

- For Bengaluru Urban and Rural districts at INR 749 Crore (USD 124 mn)
- In Belagavi, Dharwad and Tumakuru also.

#### Industrial Corridors

- Upcoming Industrial corridor projects along the State - BMEC & CBIC
- Tumakuru NIMZ (Node under CBIC) - INR 13,716 Crore ( USD 2,286 mn)

# Sector Snapshot



# 2

## Infrastructure in Karnataka



**4<sup>th</sup> largest NH network in India**  
Over 6,500 km of National Highways



**#1 Only State with Network based approach**  
Over 75,000 km of State road network connecting important regions



**100% Broad Gauge network of about 3,500 km**



**Industrial Corridors along the State, Chennai Bengaluru Ind. Corridor and Bengaluru Mumbai Economic Corridor**



**New Mangaluru Port Trust handling 40 MMT traffic**



**3<sup>rd</sup> largest and 1st Airport on PPP in the Country at Bengaluru, the capital city of Karnataka**



**Dabhol-Bengaluru - India's longest natural gas pipeline by GAIL - 1,400 km - 703 km in Karnataka**



**263 km City Gas distribution network for Bengaluru**

Source: MORTH, GoK (KSHIP, KRDC, IDD)



## Focus sectors for Infrastructure Development in Karnataka



# Government of Karnataka is developing a Strategic Infrastructure Plan with key initiatives in each sub sectors



## Infrastructure Sub Sectors in Focus



Roads and Highways



Oil and Gas



Ports



Urban Infrastructure



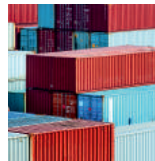
Railways



Industrial Corridors



Airports and Airstrips



Logistics



# Roads and Highways



2.1

# Very Strong and still Growing Road Network and Capacity

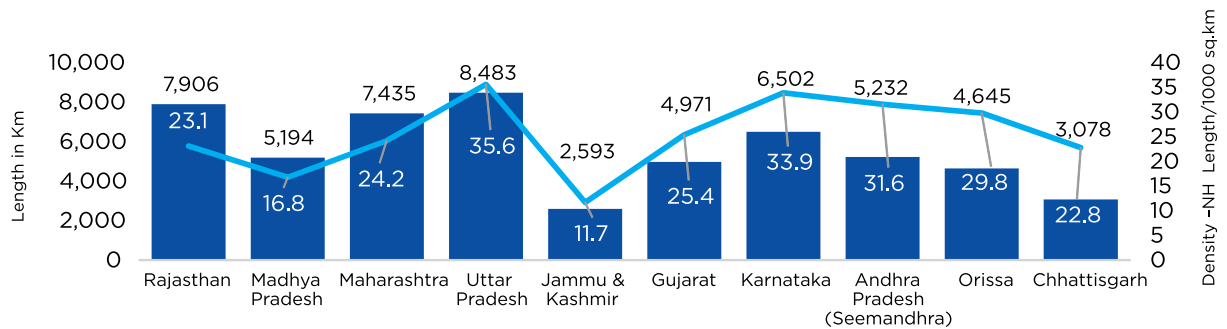


**2nd highest road density**  
among top 10 largest States

**27% of Road network**  
formed by NH, SH, MDR.  
Better than National average at 19%

**More than 1100 km of multi**  
**lane roads** connecting  
important locations

Length of NH and Road Density – Top 10 populous States in India

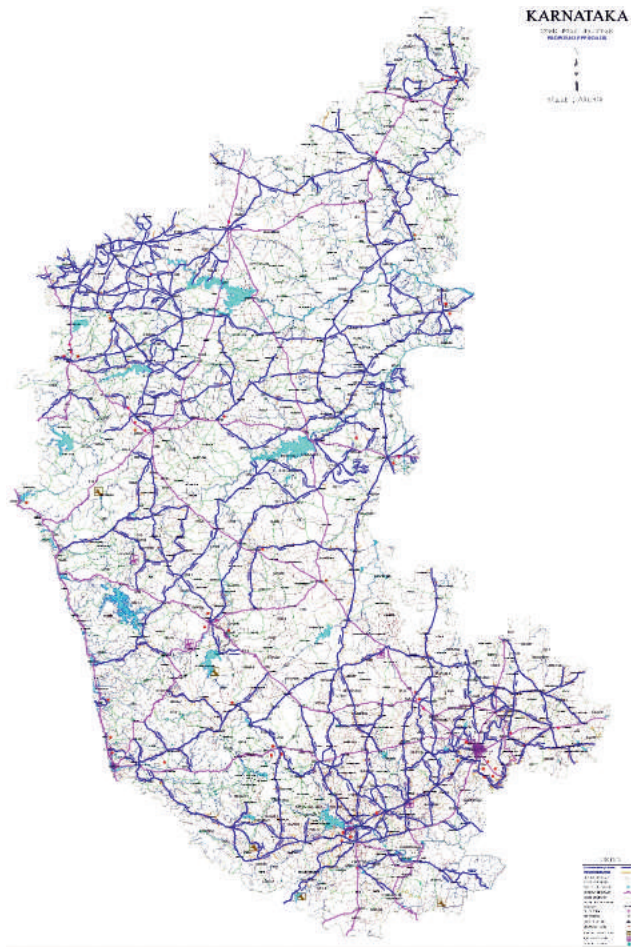


Source: MORTH

■ NH Length (Km)

— NH length/1,000 sq.km. area

# Significant Policy Initiatives and Planning



**30+ stretches identified**  
North-South and East-West Corridors

**650+ km under implementation**  
On Hybrid Annuity basis

**900+ km under procurement**  
On Hybrid Annuity basis

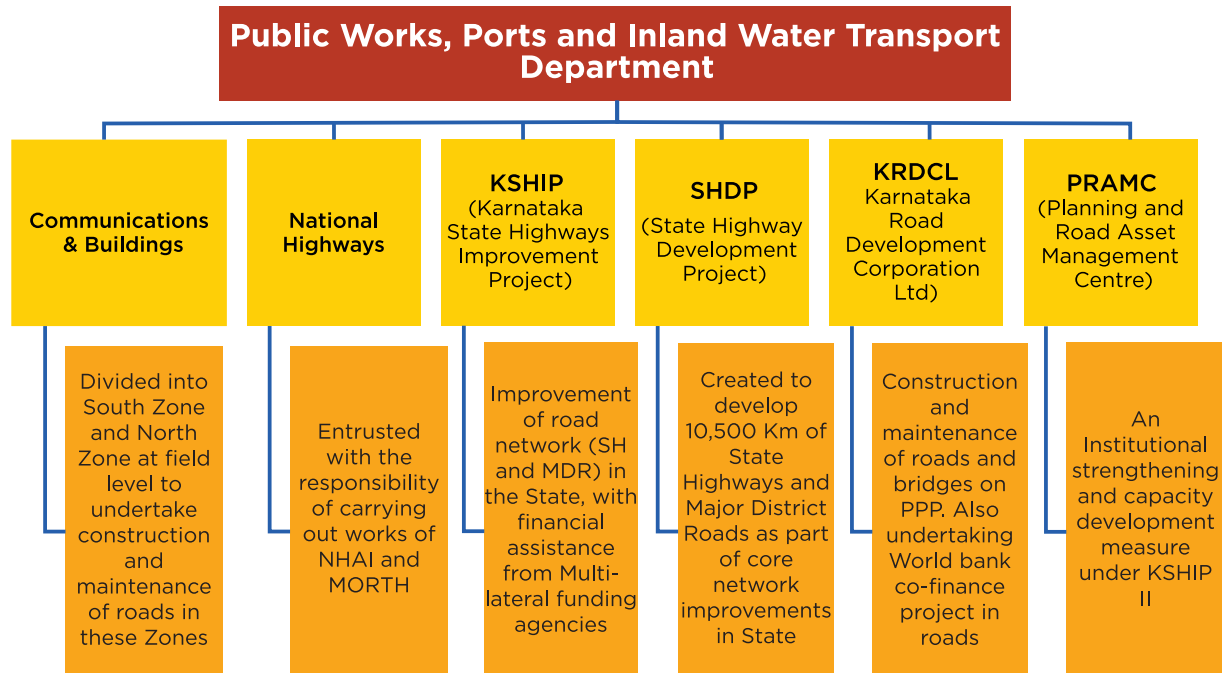
**PRAMC**  
Road Asset Management Centre  
for State Highways

**Unveiled Toll Policy in 2015**

**120+ Projects**  
Prefeasibility under PPP model on the anvil for award in long term

Source: GoK (KSHIP, KRDCL)

# Signature Programmes in Roads and Highways



**Credible track record – Successive projects from World Bank**

**PPP/EPC based on Value for Money analysis**



## Investment Opportunities in Roads and Highways

23 Projects of more than 1,500 km opportunity

SL No	Road Stretch	Length (km)
1	Devanahalli to Kolar (SH-96) via Vijayapura & Vemagal	49.00
2	Gotur to Kagewadi	60.23
3	Nelamangala to Chikkaballapura (SH - 74)	64.05
4	Shivamogga-Honnali to Harihara (SH-25)	77.50
5	North-South Corridor connecting Central Silk Board to Hebbal (i.e. NH 7 towards Hosur to NH 7 towards Ballari)	10.60
6	East-West Corridor-1 connecting K.R Puram to Gorguntepalya (i.e. NH-4 towards Old Madras Road and NH-4 Bengaluru - Pune road)	19.70
7	East-West Corridor-2 connecting SH-17 to SH-35 from Jnanabharathi on SH-17 to Varthur Kodi on SH-35	27.70
8	Connecting Corridor-1, connecting North-South Corridor and East-West corridor-2 from Agara to Kalasipalya	9.20
9	Connecting Corridor-2, Connecting North-South Corridor and East-West corridor-2 from Richmond Road to Ulsoor	2.3
10	Connecting Corridor-3, Connecting Corridor from Kalyana Nagar Junction at Outer Ring Road to St. John's Church Road and Wheelers Road junction	5.7
11	Uppin Betageri - Dharwad- Kalaghati- Tadas	75

## Investment Opportunities in Roads and Highways

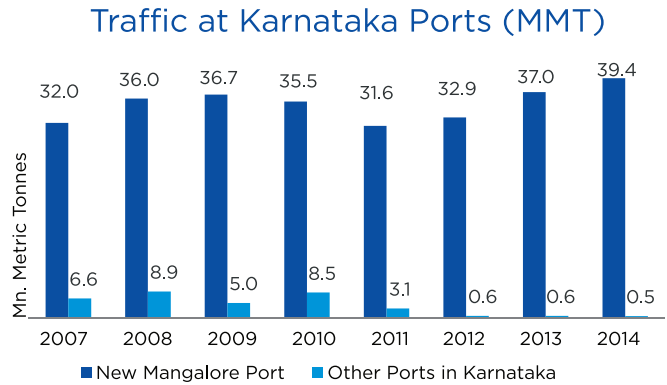
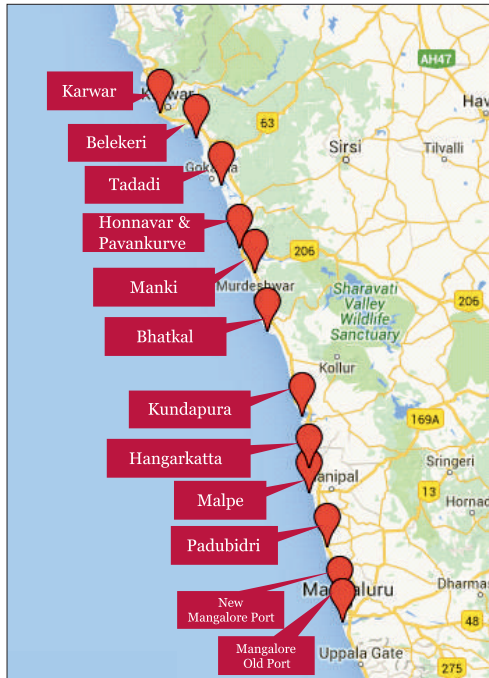
Sl. No	Road Stretch	Length (km)
12	Chitradurga - Chellakere - Pavagada - AP Border	120
13	Jannapura - Sakaleshpura , Sakaleshpura - Shanivarasanthe	65
14	Sringeri - Handi, Handi- Mudigere	90
15	Shanivarasanthe - Madikeri - Virajpet , Virajpet - Gonikoppal, Gonikoppal - Kutta (Kerala Border)	148
16	Kumta - Sirsi - Yekkumbi	74
17	TN Pura to Tamil Nadu Border	90
18	Kanakpura to Hanur via D. Halli, Sangama,Om Shanthi Dhama, Mekedatu, Shagya, Bandalli, Second Segment connecting BR Hills via Yelandur	89
19	Bagalkote to Gadag	84
20	Chintamani to AP Border	40
21	Magadi to Somwarpeth	175
22	Gadag to Honnali	160.3
23	Seegehalli to Magadi	36.5

# Ports



2.2

# Karnataka has a Long Coastline and Boasts of Allied Capabilities in Cargo Handling, Shipbuilding and Ship Repair



- Long coastline of 330 km
- 8 out of 12 ports handle cargo while rest are fishing harbours

Source: Diagnostic study report July 2015



# Progressive and Flexible Policy Framework for Port Development

Govt. of Karnataka intends to have all India cargo share of 5%-10% handled at its coastline



- Greater impetus to Port infrastructure creation - GoK initiated creation of a Maritime Board
- Priority for Private investment in port building
- Policy also allows captive ports to support port based industries including power plants
- Land lease for Port for 30 years with provision to renew lease period

## Port development

Captive		Commercial
100% captive	Captive with Commercial cargo	Only commercial cargo
BOOT basis (No revenue sharing)	BOOST basis (With revenue share)	BOOST basis (With Revenue share)

## Flexible Port Policy allows

Converting 100% captive port to a captive cum commercial port

Captive port to 100% commercial port with approval

## During Concession Period

Source: Karnataka Minor Ports Development policy, 2014

# Investment Opportunities in Ports Sector

Requirement of Ports in North Karnataka

1. Expansion plan for Karwar Port
2. Three Greenfield Ports – Belekere, Tadadi and Pavankurve

Belekere and Pavankurve Ports are in conceptual stage and RfQ process is being initiated



**GoK's preparedness has helped put INR 3,800 Crore (USD 633 mn) Tadadi Port development on fast track**



- KSIIDC entrusted with Tadadi Port development on PPP basis
- Technical feasibility and EIA reports prepared
- Environmental clearance awaited
- Tendering process will be initiated

Source: IDD

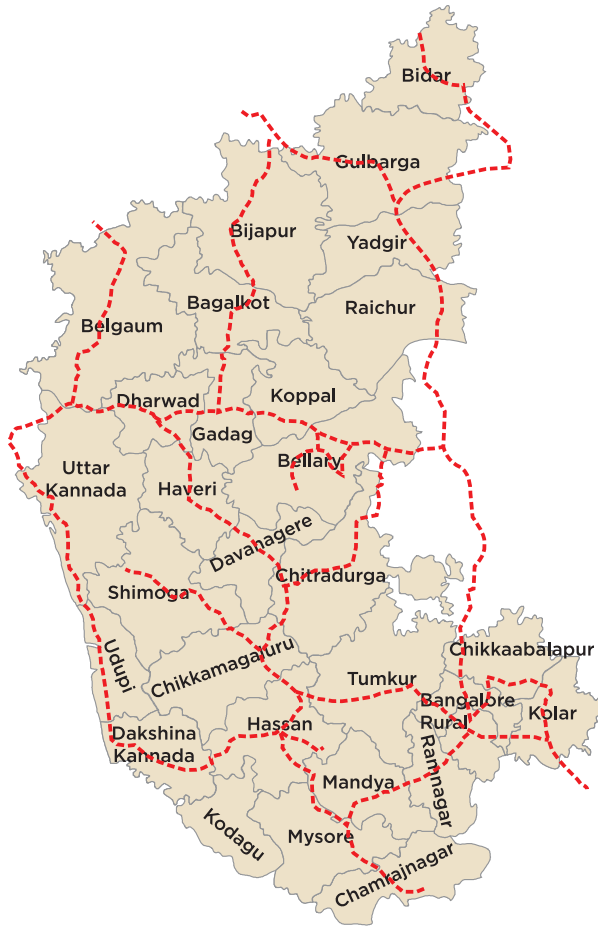
# Railways

2.3

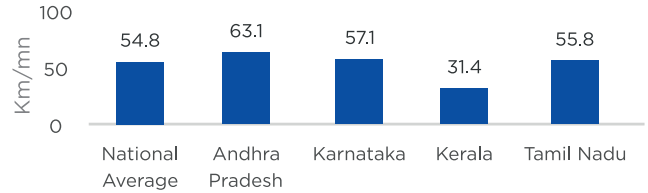


# Karnataka betters National average in Rail Density

High Rail Density indicates better accessibility through rail



Comparing Rail density (Route Km/mn population) - Karnataka, India and other Southern States



Karnataka Rail Network	
Route Length	3,492 Km
Running Track	3,983 km
Rail Density (Route Km/1,000 Sq.km)	18.2
Rail Density (Route Km/mn population)	57.1
Electrification %	10%

# 1

First State to develop new rail lines on MoU route. K-RIDE, the GoK agency, successfully implemented 4 rail projects

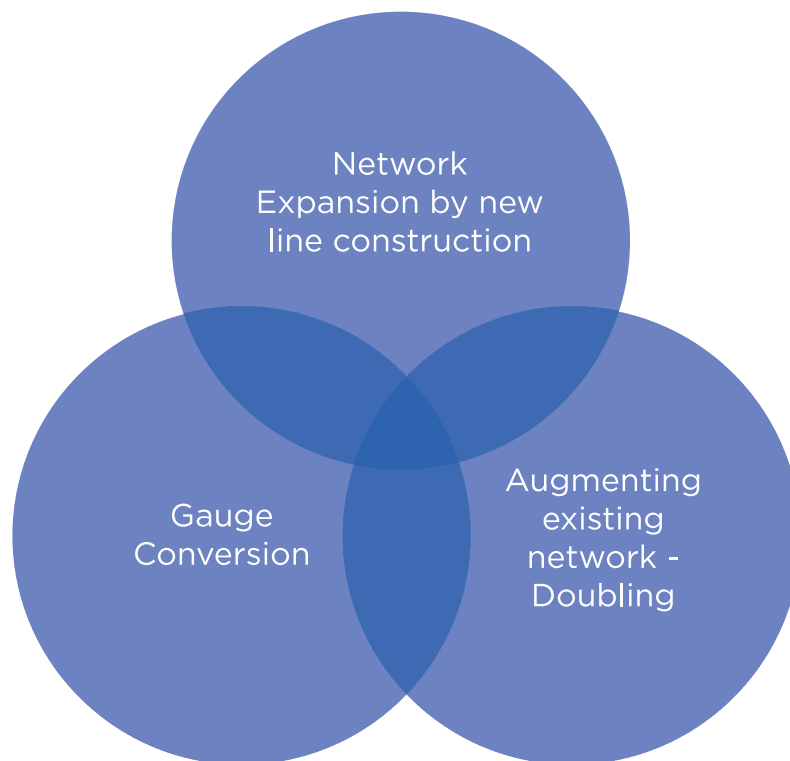
# 1

First State to develop new rail lines on cost sharing basis with 100% land cost borne by GoK

Source: Diagnostic study report, July 2015 -Railway section



# Multi-Pronged Approach to Rail Infrastructure Upgradation



Increase in route length 2009-14 277 km	Line surveys completed 2,000+ km
Upgradation to Broad Gauge 2002-14 476 km (Karnataka has 100% Broad gauge network)	Doubling of Rail network (2002-14) 350 km
Lines currently under construction 1,450 km	Electrification of network - Works under way to reach 19% electrification from current level of 10%

Source: Diagnostic study report, July 2015 -Railway section

# Signature Projects in Railways Sector with GoK Initiative

## K-RIDE

- Rail Infrastructure Development Company (Karnataka) Ltd - JV between Indian Railways and GoK
- To identify and undertake implementation of railway projects in Karnataka

## HMRDC

- SPV of GoK with a Concession from Indian Railways for development of broad gauge rail link connectivity between Hassan and Mangalore under DBFOM basis
- EPC and O&M contracts given by HMRDC to South Western Railway division of Indian Railways



### Railways Manufacturing plants in Karnataka

- Kolar Coach manufacturing
- Yadagiri - Fiat Bogie manufacturing



Source:  
IDD Annual Report, Diagnostics Study  
Report - July 2015

## Cost sharing projects in Railways

- Bengaluru - Mysuru doubling
- Bengaluru - Hassan new line
- Bidar-Kalaburagi new line
- Munirabad-Mehboobnagar new line
- Chikkamagaluruu-Sakleshpura new line
- Gadag-Wadi new line
- Tumakuru -Rayadurga new line
- Kudachi-Bagalkote
- Hubballi-Ankola new line
- Bengaluru - Chamrajnagara new line

# Airports and Aviation



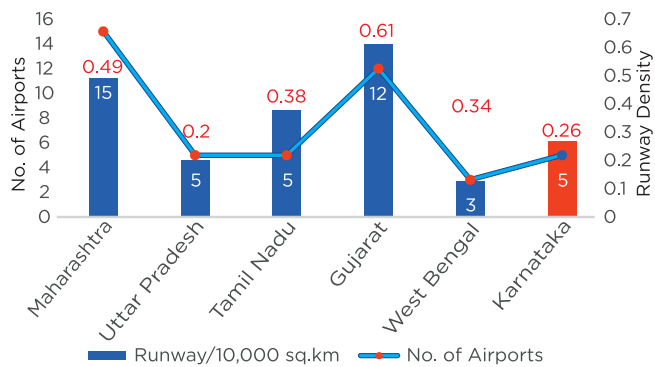
# 2.4

# Karnataka Ranks Third in Airport Density

Kempegowda International Airport Limited, Bengaluru



## Karnataka Airports - Comparison with India's largest economies



3<sup>rd</sup> highest runway density among India's top economies

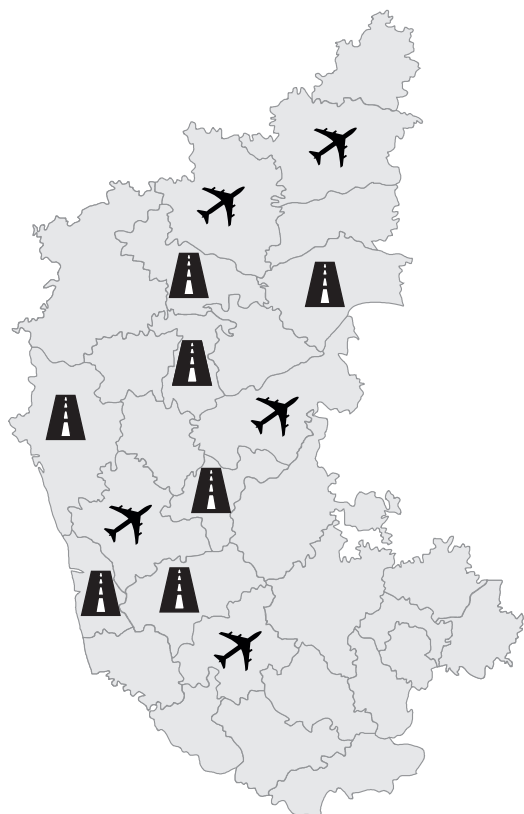
Bengaluru is India's third busiest Airport having overtaken Chennai recently

Hubballi, Mysuru and Belagavi are domestic airports

Source: AAI statistics from indiastat.com


# Karnataka has a clear Development Strategy for Smaller Airports

Frontrunner to other States in Minor Airports development



 Proposed Minor Airports

- Shivamogga
- Kalaburagi
- Ballari
- Hassan
- Vijayapura

 Proposed Airstrips

- Chikkamagaluru
- Bagalkote
- Raichur
- Davengere
- Gadag
- Udupi
- Karwar

#5  
Airports under development

>3,200 acres  
Extent of land available for  
airport development

Source: AAI, IDD

# Signature Projects and Investment Opportunities

## -Air Strip development and Non Scheduled Air Taxi Operations



### Construction in Progress

**Belagavi Airport** - Expansion - 370 acres

**Hubballi Airport** - Expansion - 600 acres

**Mangaluru Airport** - New Terminal and Alternate road

**Kalaburagi Airport** - by PWD, GoK

### Mysuru Airport

Operational for small ATR aircrafts since 2010. Preparation for expansion initiated by GoK

### PPP in Airports – Opportunity for Development and Operations

1. Vijayapura Airport
2. Shivamogga Airport

### Airports under Development on PPP

1. Hassan
2. Ballari

### Air Taxi Operations and Regional Connectivity

Non scheduled Air Taxi services/Non scheduled operations (NSOPs) between different locations to aid tourism, medical emergency services, etc.

GoI intends to promote regional air connectivity as indicated in new National Draft Civil Aviation Policy

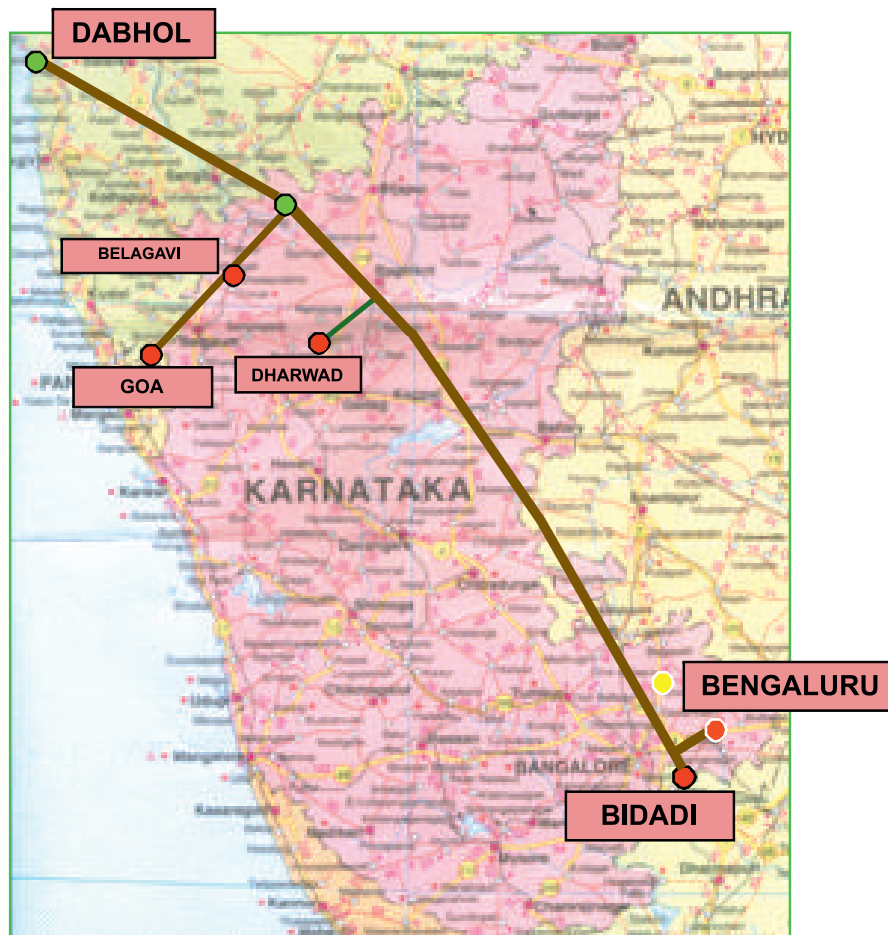
Source: Diagnostic Study Report-July 2015

Oil and Gas



2.5

## Signature Projects - Dabhol - Bengaluru Gas Pipeline



- GAIL (India) Limited, a GoI Undertaking, successfully implemented the trunk pipeline infrastructure
- KSIIDC's role : As nodal agency, played facilitator role & coordinated for obtaining clearances and approvals
- Design capacity : 16 MMSCMD; Length of about 1,000 kms
- Project cost : INR 5,000 Crore (Ph-I: INR 4,508 Crore, Ph-II: INR 486 Crore)
- Pipeline Commissioned on 18.02.2013
- GoK committed to encourage gas based industries along the route

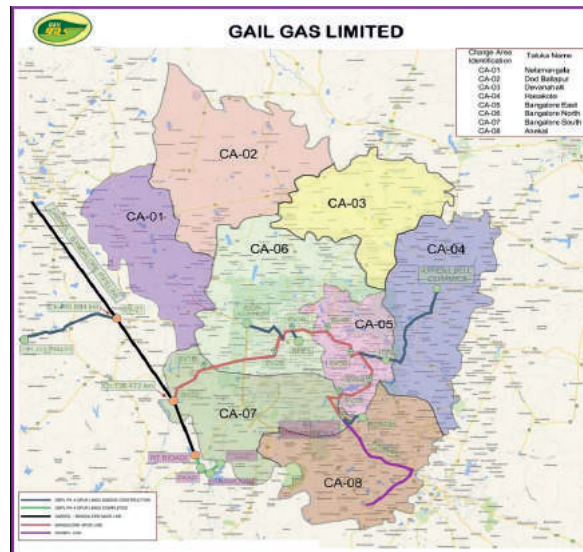


## Signature Projects – City Gas Distribution Projects

GoK's favourable outlook towards cooperation with PSUs created more opportunities out of an anchor project in Dabhol-Bengaluru gas pipeline

Karnataka Natural Gas Limited - JV between KSIIDC and GAIL GAS Ltd under formation for CGD projects

### Bengaluru City Distribution Project



To develop gas retailing infrastructure – through spur lines from GAIL's axial lines

1583 inch-km plan over 5 years to cover Bengaluru Urban and Rural districts at INR 749 Crore (USD 125 mn) (as per DPR)

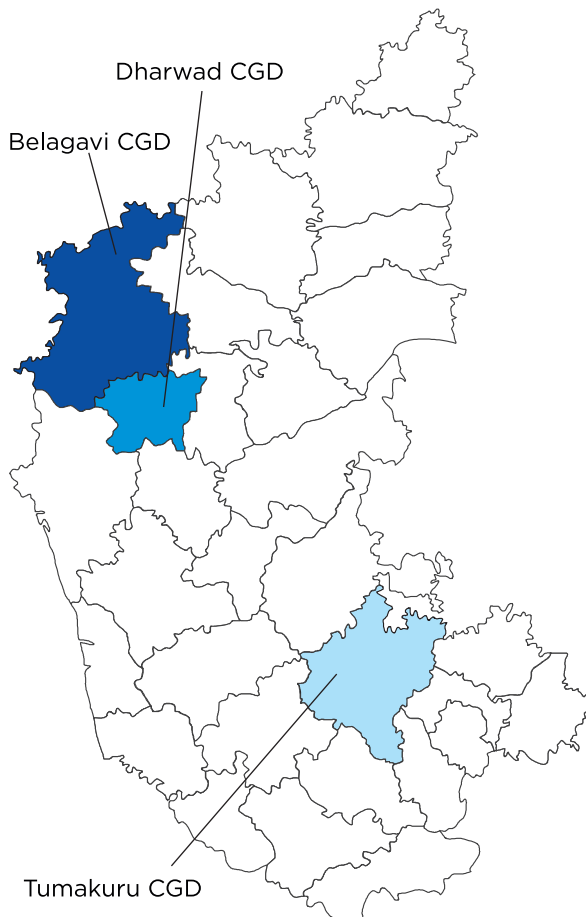
It is planned to extend this network in 25 years which is estimated to cost INR 6,283 Crore (USD 1,047 mn) (as per DPR)

About 1.3 lakh domestic customers, and public transport to benefit

GoK committed to encourage gas based industries along the route

Source: GAIL Gas Ltd

## Signature Projects – City Gas Distribution Projects in Belagavi, Dharwad and Tumakuru



### Belagavi District

- M/s Megha Engineering & Infrastructures Ltd (MEIL) has been authorized
- 1,800 inch-km plan over 5 years to cover Belagavi district

### Dharwad District

- M/s Indian Oil-Adani Gas Private Ltd has been authorized
- 1,520 inch-km plan over 5 years to cover Dharwad district

### Tumakuru District

- M/s Megha Engineering & Infrastructures Ltd (MEIL) has been authorized
- 1,800 inch-km plan over 5 years to cover Tumakuru district

Source: IDD

An aerial night photograph of a city, showing a complex multi-level highway interchange with glowing orange light trails from traffic. The surrounding urban area is densely packed with buildings, many of which are illuminated with warm yellow and white lights. The sky is a deep blue, suggesting twilight or early night. The image is partially obscured by a large, semi-transparent blue geometric shape that covers the right side and bottom of the frame.

# Urban Infrastructure

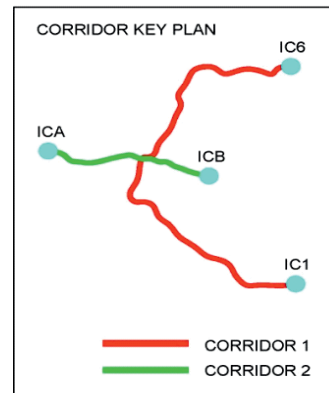
# 2.6

# Opportunity in Urban Transport - Light Rail Transit System in Bengaluru

## Approved Route



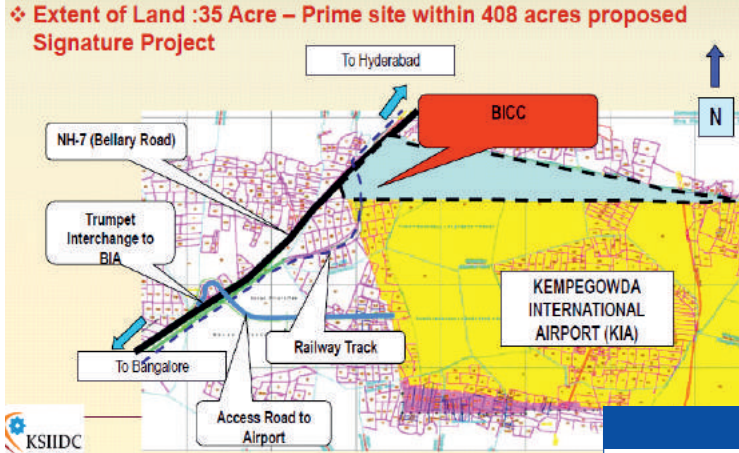
- DPR prepared for 41.3 km of Light Rail network
- Implementation is planned in two corridors of Bengaluru City
  - J.P Nagar to Hebbal - 31.3 km
  - Magadi Road Tollgate to Peripheral Ring Road - 10 km
- Fully elevated network
- 37 stations in the network with 1 depot
- Speed 80 km/hr
- Two Intra-modal interchanges with Namma Metro



KEY:	
NEW LRT/MONORAIL:-	
	COMMON TO OPTION A AND B
	OPTION A
	OPTION B
	ORIGINAL CORRIDOR NO LONGER CONSIDERED
	IC1 INTERCHANGE STATION IC1
	4.5 INTERMEDIATE STATION 4.5
	OTHER RAIL LINES
	PHASE 1 - METRO LINES (UNDER CONSTRUCTION)
	PHASE 2 METRO LINES (FUTURE PHASE)
	PROPOSED DEPOT LOCATION
	OB1 OBSTRUCTION 1

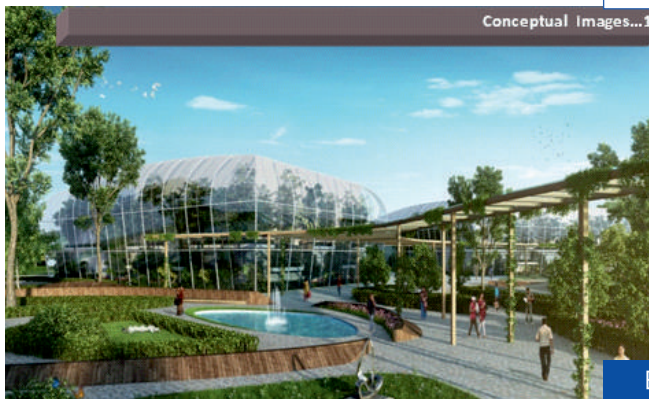
Source: IDD Annual report, KSIIDC

# Signature Projects in Urban Infrastructure



## Devanahalli Business Park

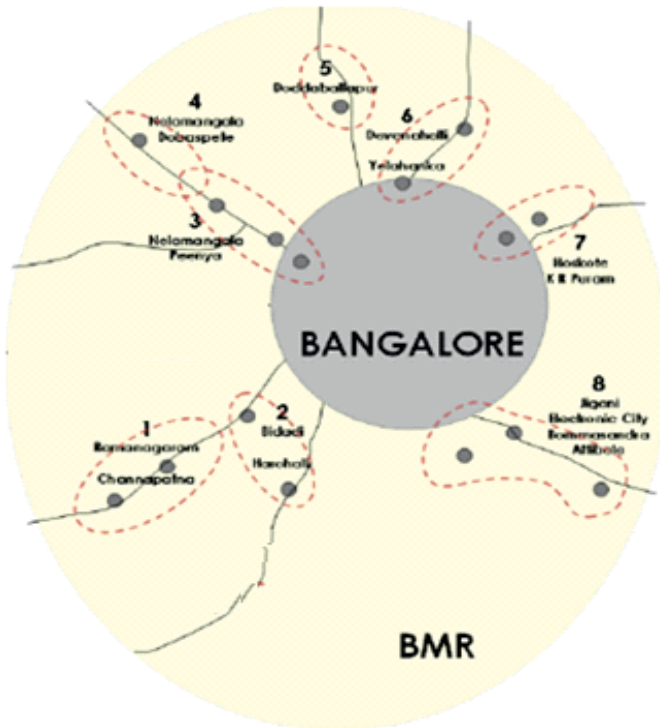
- Adjacent to Kempegowda International Airport on 408 acres of land
- Bangalore International Convention Center is planned to be part of Devanahalli Business Park
- Market study and master plan under preparation



## Bengaluru International Convention Centre

- Garden city theme and Greenhouse concept
- 6,000 seater Convention Centre with allied infrastructure
- 35 acres of land adjacent to KIA
- RFQ invited; Application Due Date: 31<sup>st</sup> March 2016
- visit: [www.ksiidc.com](http://www.ksiidc.com)

# Investment Opportunities in City Cluster Development



- 8 clusters around Bengaluru identified under the ADB supported programme
- Total area - 8,005 sq.km
- Objective is to ensure water, power, additional space, connectivity to these areas with thriving industries

Nelamangala - Peenya

Devanahalli - Yelahanka

Dobaspete - Nelamagala

Hoskote - KR Puram

Doddaballapur

Jigani - Electronic City  
Bommasandra Attibele

Bidadi - Harohalli

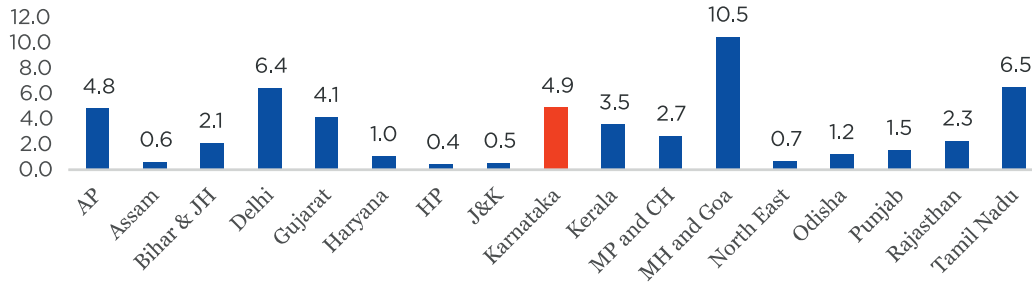
Ramanagara - Channapatna

Source: GoK(KUIDFC)

# Telecom - Communicating Value

Undoubtedly India's Technology Hub

Broadband Subscriber Base (March 2014)



4<sup>th</sup> largest broadband subscriber base 4.9 million

3<sup>rd</sup> Highest Tele density in Urban areas among all Indian States

Over 4,500 Km of Pipelines laid under National Optical Fibre Network scheme of Gol (2<sup>nd</sup> longest in India)

2<sup>nd</sup> in India; More than 2,000 Gram Panchayats connected under the National Optical Fibre Network (NOFN) scheme

Source: Indiatat



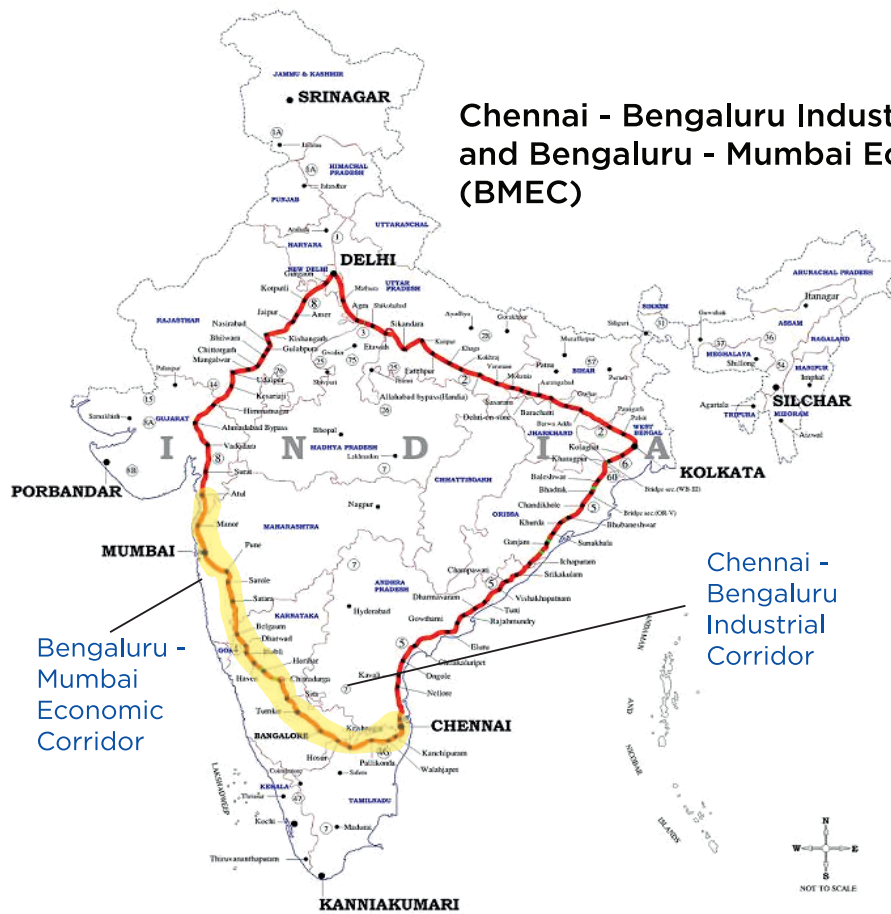


The image shows an industrial facility with a complex network of pipes, walkways, and structural steel. A large, semi-transparent orange shape is overlaid on the right side of the image, partially obscuring the background. The text 'Industrial Corridors' is positioned in the upper right area of this orange overlay. The number '2.7' is located in the bottom right corner of the orange overlay.

# Industrial Corridors

**2.7**

# Two main Industrial Corridors pass through Karnataka empowering Karnataka as an Economic Powerhouse

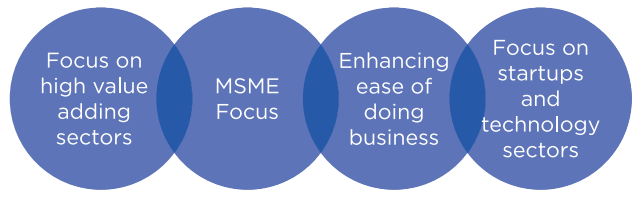


Chennai - Bengaluru Industrial Corridor (CBIC) and Bengaluru - Mumbai Economic Corridor (BMEC)

Bengaluru - Mumbai Economic Corridor

Chennai - Bengaluru Industrial Corridor

GoK strategy for economic development and employment generation



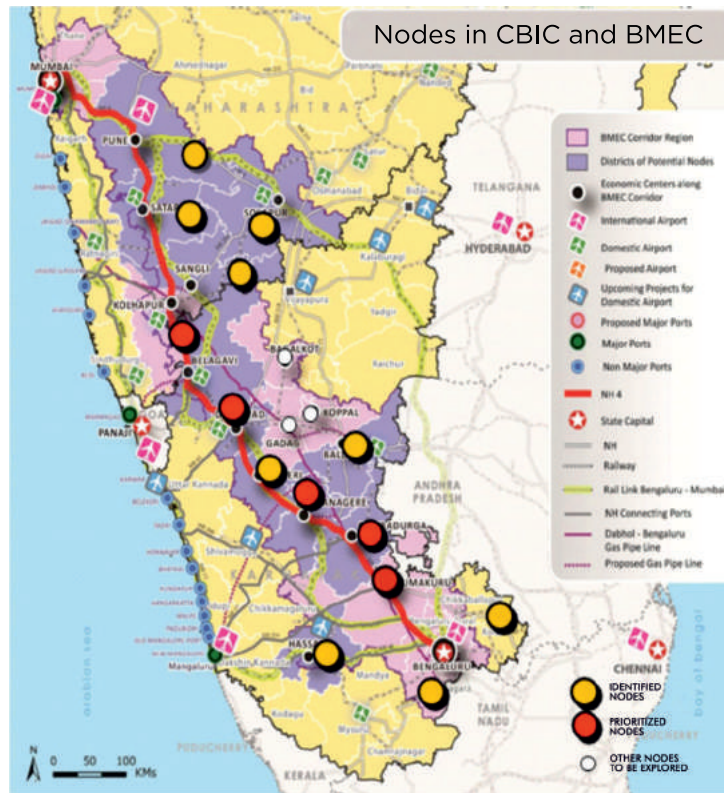
**CBIC and BMEC in Karnataka**

- Total Area -1,42,000 sq.km
- 17 districts of Karnataka to benefit
- 45% of the State's area to benefit
- More than 55% of the State's population to be part of development
- 15 focus sectors with high intensive manufacturing

Source: JICA Study team analysis for CBIC

# Greenfield Industrial Townships being Planned at 9 locations

Kickstarting corridor strategy with Industrial Node based development



**BMEC** • 3 Priority Nodes (35,000 acres) Dharwad, Belagavi, Chitradurga  
 • 3 Other nodes indentified Haveri, Ballari, Hassan / Davengere

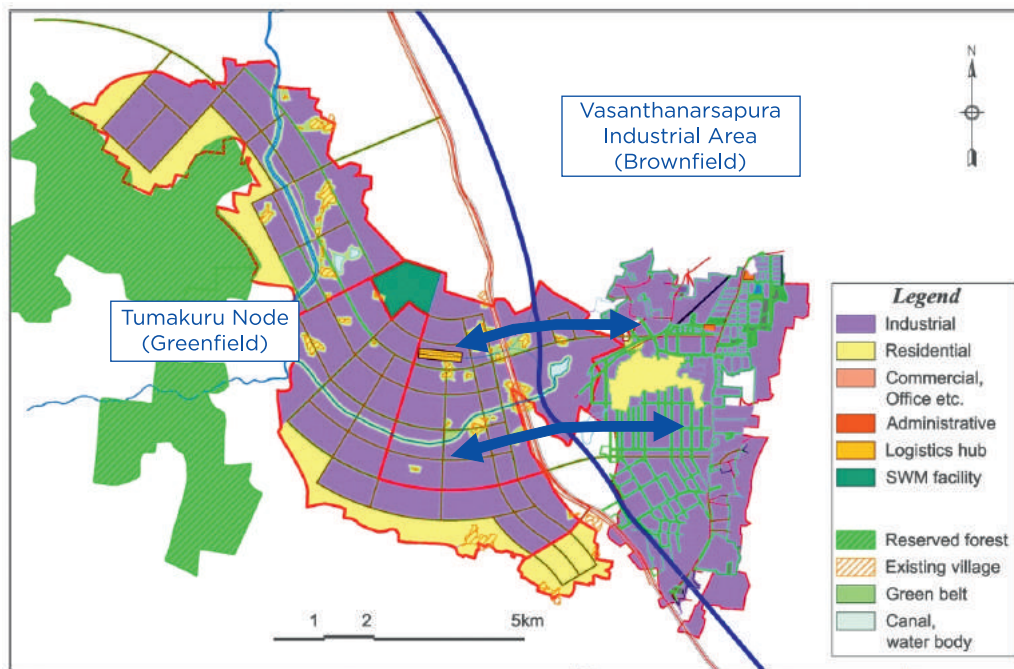
**CBIC** • 3 nodes have been identified(40,000 acres)  
 • -Tumakuru, Bidadi and Mulbagal.  
 • Tumakuru to be developed as part of CBIC

9 Nodes identified in Karnataka

Source: KSIIDC

# Nodal Infrastructure Components – Focus on Work & Life

## Tumakuru NIMZ Master Plan



### Site

Direct access to NH-4, elevated land with minimum flood risk

### Land Use

Residential Areas included with green buffer

### Roads

New road to directly access NH4-i.e. the corridor spine

### Power Generation

outside node with grid connectivity to all points within

### Solid Waste Management

Regional treatment facility planned

### Water Supply

Combination of reservoir source and recycling

Source: JICA Study Team analysis for CBIC

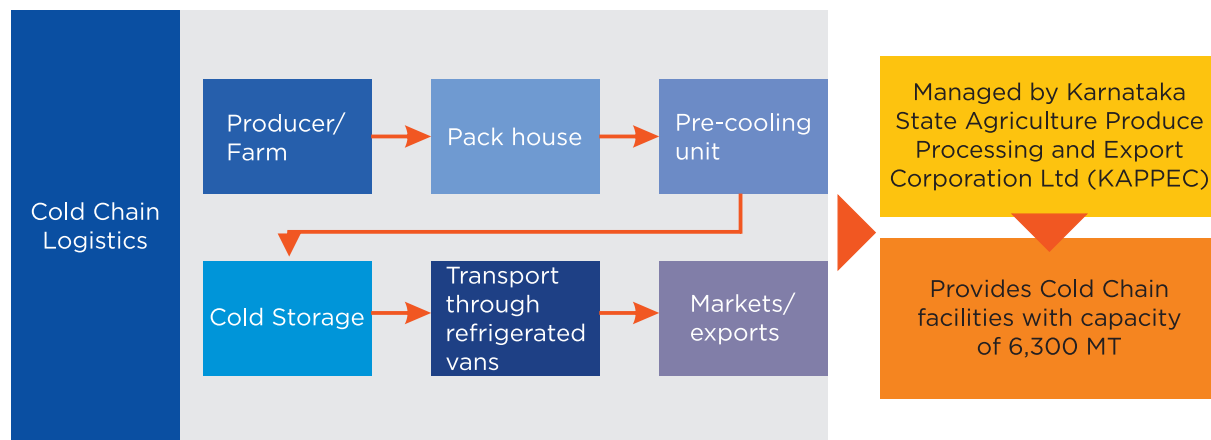
Logistics



2.8

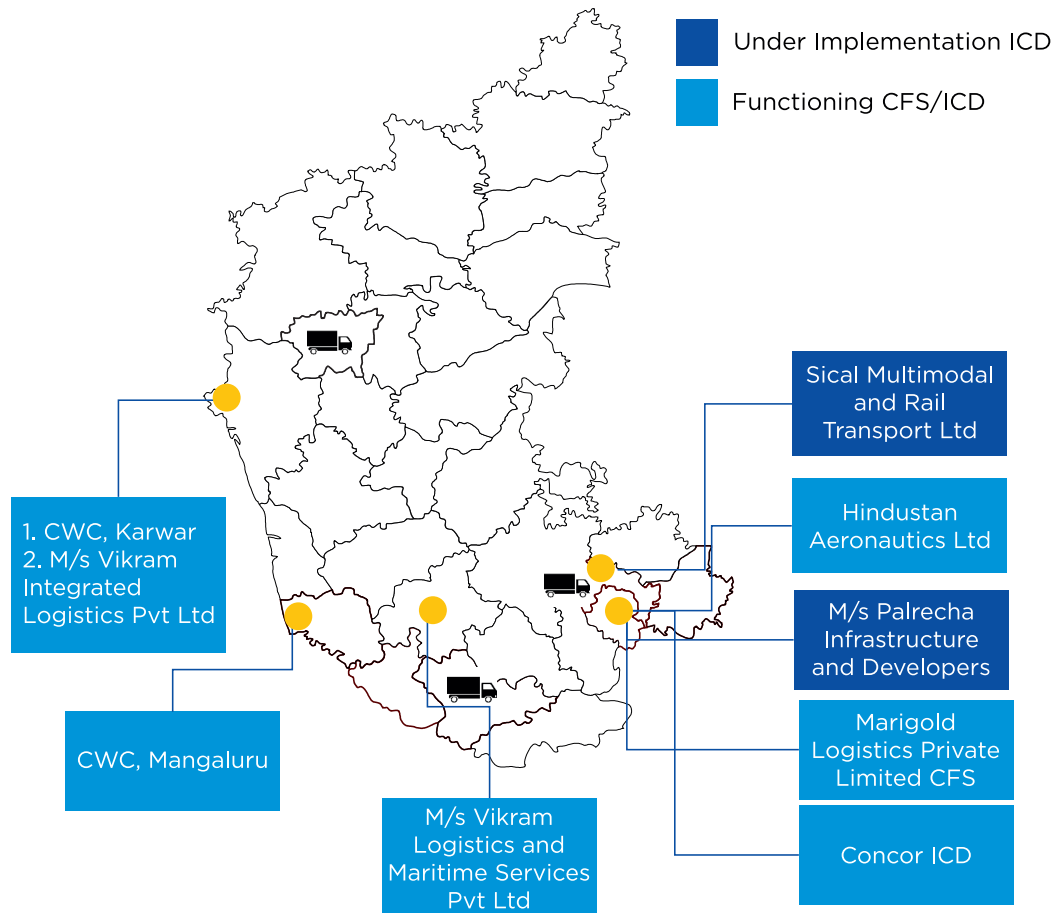
## Visionary State in Developing Logistics Infrastructure

Central Warehousing Corporation	Food Corporation of India	Karnataka State Warehousing Corporation (KSWC)
<ul style="list-style-type: none"> <li>• <b>16 warehouses with 67,748 MT</b> of warehousing capacity, supporting agriculture</li> <li>• Includes food grains warehouses, custom bonded ware houses, container freight stations, Inland Container Depots and air cargo complex</li> </ul>	<ul style="list-style-type: none"> <li>• <b>3,50,000 sqft</b> of warehousing to maintain satisfactory levels of buffer stock of food stock</li> <li>• Karnataka to add warehousing capacity of 3.5 Lakh Tonnes under Private Entrepreneur Guarantee Scheme</li> </ul>	<ul style="list-style-type: none"> <li>• <b>137 warehouses</b> - 10,91,704 MT (Own Storage Capacity) 1,42,392 MT (Hired Storage Capacity)</li> <li>• Most of them under captive use and remaining are leased out to private parties</li> </ul>



Source: Diagnostics Report – July 2015, KAPPEC

# 40% of Chennai Port Container Traffic is from Bengaluru Region



**7 functional ICD/CFS**  
and 2 under implementation  
for Container cargo handling

3 Truck Terminals Developed by D.Devaraj Urs  
Truck Terminal Ltd (DDUTTL)  
1 Terminal under Development in Dasanapura,  
Bengaluru

Logistic parks are being developed in major Industrial Areas (NIMZ) as well as in the Nodes along Industrial Corridors

Source: Diagnostics Report - July 2015

## Investment Opportunities in Logistics

### Area development projects across subsectors to fuel broad based development

Animal Biotech park  
in Bidar - INR 54 Crore  
(USD 9 mn)

Agri and Biotech park at  
Dharwad - INR 60 Crore  
(USD 10 mn)

Marine Biotech Park  
at Mangaluru -  
INR 54 Crore (USD 9 mn)

Rice Technology  
Park at Koppal

Markets development/  
redevelopment in  
Bengaluru at INR 15 Crore  
(USD 2.5 mn)

Redevelopment of  
2<sup>nd</sup> level of KR Puram  
market - INR 5 Crore  
(USD 0.83mn)



A photograph of an industrial facility, likely a refinery or chemical plant, at night. The scene is illuminated by bright yellow lights, highlighting the complex network of pipes, metal structures, and cylindrical tanks. The sky is a deep blue, suggesting dusk or dawn. The image is partially obscured by a large, semi-transparent blue overlay that covers the right side of the page.

# Karnataka's Unique Advantage

# 3

## Karnataka has been a PPP friendly State with many Flagship Projects

### Airport

- Kempegowda International Airport is a PPP with GoI, GoK and Private sector investment
- Aggressive traffic growth - over 15 million passengers per annum
- 3<sup>rd</sup> largest airport in India
- Awarded “Best Regional Airport in Central Asia”

### Roads and Highways

- Hubballi-Dharwad bypass project promoted by Nandi Infrastructure Corridor Enterprises (NICE)
- NICE is also the promoter of the 110 km Bengaluru-Mysuru Infrastructure corridor
- Bengaluru Maddur Highway-Earliest State Highway PPPs on annuity in India
- Hubballi-Laxmishwara SH on PPP- annuity model
- Wagdhari-Ribbanpally and Dharwad-Ramnagara roads on DBFOT-VGF-Toll model
- Two DBFOMT Annuity Projects-Malavalli to Pavagada and Mudhol to Maharashtra Border

## Karnataka has been a PPP friendly State with many Flagship Projects

### Railway

- Infrastructure Development Department joined hands with Indian Railways to develop rail infrastructure under cost sharing model
- Currently 11 projects are being implemented on cost sharing basis

### Urban Water Supply

- First structured initiative in India - World bank funded water supply project has been undertaken by KUIDFC
- Pilot initiatives in Hubballi-Dharwad, Belagavi and Kalaburagi during the year 2006-07
- The projects being expanded to serve 24X7 water supply to the cities of Hubballi-Dharwad, Belagavi and Gulbarga as well as other cities with an overlay of INR 230 Crore (USD 38 mn)

### Solid Waste Management

- Development of composting facilities has been undertaken by KUIDFC
- Composting plant in Mysuru with 200 MT capacity has been initiated in the year 2000



# Government Initiatives and Policy Support

# 4



# Strategic Infrastructure Development Programme

## Key features of Infrastructure Policy 2015

- Enabling Legal Framework
- Contracting Method Clarity
- Single Nodal Agency
- District Committees for speedy implementation

- PPP focus
- 14 Infrastructure sectors and facilities would be governed by this policy

Agri	Irrigation	Sports & Youth Services
Education	Public Markets	Industrial Infrastructure
Energy	Tourism	Rural Development
Healthcare	Transportation & Logistics	Tele-communications
Housing		Urban & Municipal Infrastructure

 New Sector Added

- Equitable contract structures
- Focus on User fee based remuneration
- Enabling legal framework - Karnataka Transparency Act 2000
- Provision for Swiss Challenge covers all the 14 sectors
- PPP Cell within IDD, GoK as nodal agency enabling speedy implementation
- Special focus on Kalaburgi, Raichur, Koppal, Yadgir, Bidar and Ballari part of Hyderabad-Karnataka region

# Incentives and Concessions

## Facilitation

- Karnataka Infrastructure Project Development Fund (KIPDF) based on India Infrastructure Project Development Fund (IIPDF) issued by GoI, has been established to assist project development activities
- State level Single Window Agency and State High Level Clearance Committee are the nodal agencies supporting clearances and approvals

## Exemption from Entry Tax

- Exemption for a period of three years or till date of completion of the project whichever is earlier upto INR 25,00,000 (USD 0.0416 mn) machinery and equipment, and INR 1,00,000 (USD 0.0016 mn) per invoice for construction material

## Concession on Stamp Duty, and Conversion Fine on land

- Concession based on zonal classification, and regional classification

### Zonal Classification and HK Region

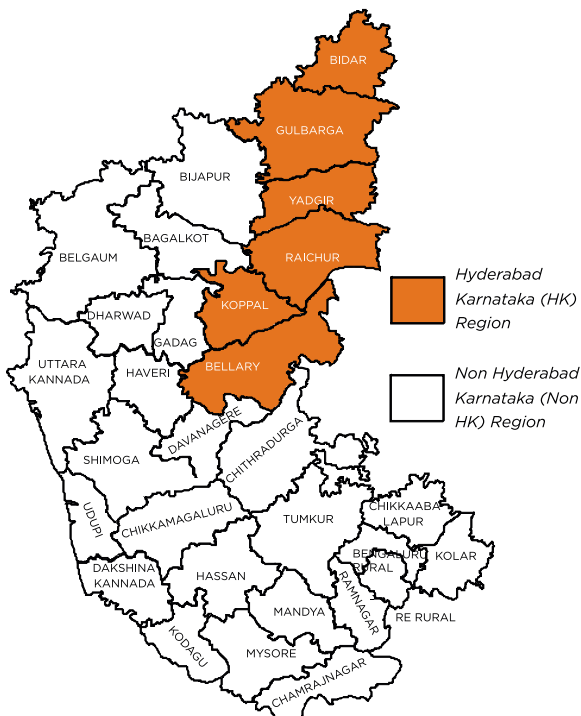
Zonal	Classification
Zone 1	Most backward
Zone 2	More backward
Zone 3	Backward
Zone 4	Industrially developed

#### Concession on Stamp Duty

Other than Hyderabad Karnataka Area	Hyderabad Karnataka Area
Zone1 : 100 %	HK Zone1 : 100%
Zone2 : 100 %	HK Zone2 : 100%
Zone3 : 75 %	
Zone4 : nil	

#### Concession on conversion fine on land

Other than Hyderabad Karnataka Area	Hyderabad Karnataka Area
Zone 1 : 100 %	HK Zone 1 : 100%
Zone 2 : 100 %	HK Zone 2 : 100%
Zone 3 : 75 %	
Zone 4 : nil	



## Other Policy Initiatives by Government of India

### Roads and Highways

- 100% FDI permitted
- Capital Grant upto 40% of Project Cost in NHAI projects
- Modified Annuity scheme with Grant and Annuity
- 100% exemption under 80 IA Income Tax Act 1961
- Duty free import of construction machinery permitted
- 100% exit after 2 years from COD

### Ports and Shipping

- 100% FDI permitted
- Part sharing of traffic risk by Govt. in some cases
- Exemptions under 80 IA Income Tax Act 1961
- Sagar Mala project for Port connectivity

### Airports / Aviation

- 100% FDI in Greenfield Airports
- 74% FDI in brownfield airports and 100% on approval route
- 100% exemptions under 80 IA of Income tax Act 1961
- New Airports in Tier I and Tier II cities
- 100% FDI in non-scheduled air taxi services

### Railways

- 100% FDI permitted in suburban corridors, high speed rail, dedicated freight lines, electrification signalling and mass transit
- 100% exemption under 80 IA Income Tax Act 1961
- License route for freight train operation

### Industrial Corridors

- Govt of India to invest in external connectivity projects
- Creation of National Industrial Corridor Development Authority on the anvil

### Logistics

- 100% FDI permitted in Freight Terminals
- Indirect tax deferment benefit for FTWZ

### Telecom

- 49% FDI – Automatic route and approval route beyond 49%
- Manufacturing investments to be governed by respective Industrial Policies



# Investment Opportunities

# 5



## Investment Opportunities – Projects under 'DPR / Feasibility Report prepared & Bidding stage'

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
1	Development of Transport and Transit Management Center at Hebbal	Bengaluru Urban	250	42	Transportation	BMTC
2	Development of Traffic and Transit Management Center at Jayanagar 4th T Block	Bengaluru Urban	240	40	Transportation	BMTC
3	Development of Traffic and Transit Management Center at Kathriguppe, Bengaluru	Bengaluru Urban	155	26	Transportation	BMTC
4	Development of road from Gotur to Kagewadi	Belagavi-Kolar	174	29	Transportation	KRDCL
5	Development of road from Devanahalli to Kolar (SH 9) Via Vijayapura & Vemagal	Bengaluru Rural-Kolar	148	25	Transportation	KRDCL
6	Development of road from Nelamangala to Chikkaballapuraa	Bengaluru Rural-Chikkaballapuraa	168	28	Transportation	KRDCL
7	Development of road from Shivamogga - Honnali to Harihara	Shivamogga, Davagere	148	25	Transportation	KRDCL
8	Development of Tourism related Infrastructure near Hidkal Dam	Belagavi	42	7	Tourism	Karnataka Neeravari Nigam Limited
9	Development of Tourism related infrastructure near Malaprabha Dam	Belagavi	13	2	Tourism	Karnataka Neeravari Nigam Limited
10	Development of Tourism related infrastructure near Gorur Dam, Hassan	Hassan	97	16	Tourism	Tourism Department

## Investment Opportunities – Projects under 'DPR / Feasibility Report prepared & Bidding stage'

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
11	Construction of 8 lane Peripheral Ring road (PRR) to Bengaluru City	Bengaluru Urban	11,950	1,992	Transportation	BDA
12	Redevelopment of BDA Shopping Complex at Domlur	Bengaluru Urban	21	4	Urban Infrastructure	BDA
13	Development of Tourism Infrastructure near Bhadra Dam	Chikkamagaluru	85	14	Tourism	Tourism Department
14	Redevelopment of BDA Complex at Indira Nagar	Bengaluru Urban	335	59	Urban Infrastructure	BDA
15	Establishment of Modern Abattoirs in ULB's	Haveri	7	1	Urban Infrastructure	DMA
16	Traffic and Transit Management Centre at Yelahanka	Bengaluru Urban	375	63	Transportation	BMTC
17	Development of TTMC at Electronic City	Bengaluru Urban	83	14	Transportation	BMTC
	Total		14,291	2,382		

## Investment Opportunities – Projects under ‘DPR / Feasibility Report under preparation

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
1	Development of Modern Abattoir for Sheep & Goat	Tumakuru	26	4	Agri-Infrastructure	Karnataka Sheep and Wool Development Limited
2	Development of Rice Technology Park at Navali-Somnal Village, near Karatagi, Koppal District	Koppal	122	20	Agri-Infrastructure	Department of Agriculture Marketing
3	Development of Maize Technology Park at Ranebennur, Haveri District	Haveri	111	19	Agri-Infrastructure	Department of Agriculture Marketing
4	Development of Belekeri Port	Uttara Kannada	1,720	287	Transportation	Ports & inland Water Transport Development
5	Development of Pavinakurve Port	Uttara Kannada	1,700	283	Transportation	Ports & inland Water Transport Development
6	Citizen driven integrated waste management in Tumakuru city	Tumakuru	6	1	Urban Infrastructure	Backward Classes Welfare Department,
7	Development of Multilevel Parking and Commercial Complex at Zoo	Mysuru	29	5	Urban Infrastructure	Sri Chamarajendra Zoological Gardens ( Mysuru Zoo)
8	Development of Residential Accommodation / Hotel for Legislators Next to Suvarna Soudha at Belagavi on PPP Framework	Belagavi	200	33	Urban Infrastructure	Public Works, Ports & inland Water Transport Department, Dharwad
9	Upgradation of Government Hospitals to Multi –Speciality Hospitals	Tumakuru	158	26	Urban Infrastructure (Health)	Backward Classes Welfare Department

## Investment Opportunities – Projects under ‘DPR / Feasibility Report under preparation

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
10	Development of road from Uppin Betageri – Dharwad Kalaghati Tadas	Koppal, Dharwad	7,000	1,167	Transportation	KSHIP
11	Development of road from Chitradurga – Chellakere Pavagada AP Border	Chitradurga			Transportation	KSHIP
12	Development of road from Jannapura – Sakleshpura, Sakaleshpura– Shanivarasanthe	Chikkamagaluru, Kodagu			Transportation	KSHIP
13	Development of road from Sringeri – Handi, Handi - Mudigere	Chikkamagaluru			Transportation	KSHIP
14	Development of road from Shanivarasanthe – Madikeri – Virajpet, Virajpet –Gonikoppal, Gonikoppal – Kutta (Kerala Border)	Chikkamagaluru			Transportation	KSHIP
15	Development of road from Kumta – Sirsiyekkumbi	Uttara Kannada			Transportation	KSHIP
16	Development of road from T Narsipura to Tamil Nadu Border	Mysuru			Transportation	KSHIP
17	Development of road from Kanakpura to Hanur Via D.Halli, Sangama, Om Shanthi Dhama, Mekedatu, Shagya, Bandalli, Second Segment Connecting Br Hills Via Yalndur	Ramnagara, Chamarajana gar			Transportation	KSHIP
18	Development of road from Bagalkote to Gadag	Bagalkote, Gadag			Transportation	KSHIP
19	Development of road from Chintamani to AP Border	Kolar			Transportation	KSHIP
20	Development of road from Magadi to Somwarpeth	Ramnagara, Kodagu			Transportation	KSHIP
21	Development of road from Gadag To Honnali	Gadag, Davangere			Transportation	KSHIP
22	Development of road from Seegehalli To Magadi	Bengaluru Urban, Ramnagara	Transportation	KSHIP		

## Investment Opportunities – Projects under ‘DPR / Feasibility Report under preparation

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
23	Development Of Smart Governance And Quality Service Delivery	Tumakuru	181	30	Urban Infrastructure	Backward Classes Welfare Department
24	Establishment Of Modern Abattoirs In ULB's	Davanagere	4	1	Urban Infrastructure	DMA
25	Establishment Of Modern Abattoirs In ULB's	Madikeri	9	2	Urban Infrastructure	DMA
26	Establishment Of Modern Abattoirs In ULB's	Udupi	3	1	Urban Infrastructure	DMA
27	Decentralization of Facilities for Mixed Use Development	Tumakuru	20	3	Urban Infrastructure (Health)	Backward Classes Welfare Department
28	Integrated Water and Waste Water Management, Smart Metering	Tumakuru	153	26	Urban Infrastructure	Backward Classes Welfare Department
29	Development of an Animation, Visual Effects, Gaming and Comics (AVGC ab)	Bengaluru Urban	26	4	Industrial Infrastructure-IT Parks	Karnataka Biotechnology & information Technology Services
30	Development of Digital Media City	Bengaluru Urban	782	130	Industrial Infrastructure-IT Parks	Karnataka Biotechnology & information Technology Services
31	Integration of Educational institutions as Partners in Development	Tumakuru	96	16	Urban Infrastructure (education)	Backward Classes Welfare Department
32	Development of Energy Efficiency in Street Lighting through use of Escos	Hubballi-Dharwad	20	3	Energy	Hubli-Dharwad City Corporation

## Investment Opportunities – Projects under ‘DPR / Feasibility Report under preparation

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
33	Providing Solar Energy Facility to Morarji Desai / Kitur Rani Channamma / Ekalavya Residential Schools / Colleges	Various Locations	105	18	Urban Infrastructure	Backward Classes Welfare Department
34	Establishment of 18.77ha of Rooftop Solar PV Energy Harvesting & integration with Smart Grid	Tumakuru	94	16	Urban Infrastructure	Backward Classes Welfare Department
35	Devanahalli Business Park, Bengaluru	Bengaluru	NA	NA	Urban Infrastructure	KSIIDC
36	Shivamogga Airport	Shivamogga	NA	NA	Transportation	IDD
37	National Investment and Manufacturing Zone (NIMZ) in Bidar	Bidar	12,000	2,000	Industrial Infrastructure	KSIIDC
38	National Investment and Manufacturing Zone (NIMZ) in Kalaburgi	Kalaburgi	15,000	2,500	Industrial Infrastructure	KSIIDC
39	National Investment and Manufacturing Zone (NIMZ) in Kolar, in Karnataka	Kolar	20,000	3,333	Industrial Infrastructure	KSIIDC
40	Redevelopment of Existing Market at Austin town	Bengaluru Urban	123	21	Urban Infrastructure	BDA
41	Redevelopment of Mavalli Market, R.V. road, Bengaluru	Bengaluru Urban	3	1	Urban Infrastructure	BBMP
42	Construction of Market Complex at Akkipete, Bengaluru	Bengaluru Urban	NA	NA	Urban Infrastructure	BBMP

## Investment Opportunities – Projects under ‘DPR / Feasibility Report under preparation

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
43	Establishment of Modern Abattoirs in ULB's	Gadag	6	1	Urban Infrastructure	DMA
44	Establishment of Modern Abattoirs in ULB's	Ranebennur, Haveri	5	1	Urban Infrastructure	DMA
45	Establishment of Modern Abattoirs in ULB's	Hubballi-Dharwad	5	1	Urban Infrastructure	DMA
46	Establishment of Modern Abattoirs in ULB's	Ballari	10	2	Urban Infrastructure	DMA
47	Waste to Energy Projects	Bengaluru Urban	NA	NA	Urban Infrastructure	BWSSB
48	Development of Agri Logistics Hub in Various Regions of Karnataka	Vijayapura and Bagalokote, Dharwad & Gadag.	680	113	Agri-Infrastructure	KAPPEC
49	Setting up of captive / merchant gas based power plant in Belagavi district	Belagavi	3,500	583	Energy	Power Company of Karnataka Ltd
50	Setting up of captive / merchant gas based power plant in Gadag district	Gadag	3,500	583	Energy	Power Company of Karnataka Ltd
51	Setting up of captive / merchant gas based power plant in Davanagere district	Davanagere	3,500	583	Energy	Power Company of Karnataka Ltd
52	Establishment of Modern Abattoirs in ULB's	Koppal	6	1	Urban Infrastructure	DMA



## Investment Opportunities – Projects under ‘DPR / Feasibility Report under preparation

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
53	Light Rail Transit System in Bengaluru City	Bengaluru	10,875	1,813	Transportation	BARL
54	Development of Modern Sea Port at Tadadi	Uttara Kannada	3,800	633	Transportation	KSIIDC
55	Development of 2nd Stage of Karwar Port.	Uttara Kannada	2,500	417	Transportation	Ports & Inland Water Transport Development
56	integrated Machine tool industry Park (IMTP) at National Investment & Manufacturing Zone (NIMZ), Tumakuru	Tumakuru	410	68	Industrial Infrastructure	KSIIDC
57	National Investment and Manufacturing Zone (NIMZ) in Vasanthanarsapura, Tumakuru District in Karnataka	Tumakuru	13,543	2,257	Industrial Infrastructure	KSIIDC
58	Industrial Corridors CBIC and BMEC	Tumakuru, Ramnagara, Kolar, Dharwad, Davangere/ Hassan, Chitrdurga, Belagavi, Haveri, Ballari	NA	NA	Industrial Infrastructure	KSIIDC
59	Commercial Complex at Moodabidri Municipal town, Dakshina Kannada district	Dakshina Kannada	25	4	Urban Infrastructure	KUIDFC
60	Construction of 204 km Satellite Town Ring Road(STRR)	Bengaluru Urban	30,000	5,000	Transportation	BMRDA
61	Aerospace Common finishing facility at Aerospace park, Devanahalli	Bengaluru Rural	91	15	Industrial Infrastructure	KIADB
	<b>Total</b>	<b>1,32,147</b>	<b>22,024</b>			

## Investment Opportunities – Projects under ‘Conceptualization stage’

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
1	Development of Automated Milk Conversion Plants	Dharwad	650	108	Agri-Infrastructure	KMF
2	Development of Mega Cattle Feed Manufacturing Plants	Bijapur, Davangere and Chikkaballapura/Mandya	600	100	Agri-Infrastructure	KMF
3	Development of Blown Film Plants	Bidadi, Ramnagara	120	20	Agri-Infrastructure	KMF
4	Plants Development of Corrugated Boxes Manufacturing Plant	Bidadi, Ramnagara	50	8.3	Agri-Infrastructure	KMF
5	Development of 2000 Mt Cold Chain Storage Facility	Bengaluru, Mandya/Chikkaballapura	300	50	Agri-Infrastructure	KMF
6	Development of Health Drinks, Functional & Ready to Eat Foods, Flavoured Milk, Milk Shakes Etc. Manufacturing Plant	Bengaluru, Mandya/Chikkaballapura	160	27	Agri-Infrastructure	KMF
7	Operation and Management of KSWC Warehouses	Various Locations	2,500	417	Agri-Infrastructure	Karnataka State Warehousing Corporation
8	Solar rooftop installation on the warehouses of Karnataka State Warehouses Corporation	Various Locations	1,300	217	Agri-Infrastructure	Karnataka State Warehousing Corporation
9	Development of TTMC at Chikkabettahalli (M S Palya), Bengaluru	Bengaluru Urban	NA	NA	Transportation	BMTC
10	Development of Six lanes, 10.6 km North-South Corridor Connecting Central Silk Board to Hebbal. (I.E., Nh-7 towards Hosur to Nh-7 towards Ballari)	Bengaluru Urban	NA	NA	Transportation	KRDCL

## Investment Opportunities – Projects under ‘Conceptualization stage’

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
11	Development of Six lanes, 19.7 km East-West Corridor-1 Connecting K.R.Puram to Gorguntepalya. (I.E., NH-4 towards Old Madras road and NH-4 Bengaluru – Pune road)	Bengaluru Urban	NA	NA	Transportation	KRDCL
12	Development of Six lanes, 27.7 km elevated corridor connecting Jnanabharathi to Varthur Kodi	Bengaluru Urban	NA	NA	Transportation	KRDCL
13	Development of four lanes, 9.2 km Connecting Corridor-1; Connecting North-South Corridor & East – West Corridor-2 from Agra to Kalasipalya	Bengaluru Urban	NA	NA	Transportation	KRDCL
14	Development of four lanes, 2.3 km Connecting Corridor-2; Connecting East -West Corridor-1 & East – West Corridor-2 from Richmond road to Ulsoor	Bengaluru Urban	NA	NA	Transportation	KRDCL
15	Development of for lane, 5.7 km Connecting Corridor-3; Connecting Corridor from Kalyan Nagar Junction at Outer Ring road to St. Johns Church road and Wheelers road Junction	Bengaluru Urban	NA	NA	Transportation	KRDCL
16	Development of M.G. Market in Hubballi	Hubballi	66	11	Urban Infrastructure	Hubli Dharwad City Corporation
17	Construction of 221 Public toilets in Bengaluru City	Bengaluru Urban	NA	NA	Urban Infrastructure	BBMP
18	Construction of Skywalks in Bengaluru City	Bengaluru Urban	NA	NA	Urban Infrastructure	BBMP
19	Redevelopment of Existing Markets in Bengaluru City	Bengaluru Urban	NA	NA	Urban Infrastructure	BBMP
20	Multi Level Car Parking in Shivamogga City Limits	Shivamogga	25	4.2	Urban Infrastructure	Shivamogga City Corporation,

## Investment Opportunities – Projects under ‘Conceptualization stage’

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
21	Redevelopment of Commercial Complex at Vijayanagar, Bengaluru	Bengaluru Urban	40	7	Urban Infrastructure	BDA
22	Smart City Mission in Karnataka	Belagavi, Davangere, Hubballi-Dharwad, Mangaluru, Shivamogga & Tumakuru.	NA	NA	Urban Infrastructure	KUIDFC
23	Development of Multilevel Car Parking in Hubballi	Hubballi	70	12	Urban Infrastructure	Hubli-Dharwad City Corporation
24	Development of Shopping Mall at Super Market Site in Dharwad	Dharwad	120	20	Urban Infrastructure	Hubli-Dharwad City Corporation
25	Development of Dialysis Centers in Karnataka	Various Locations	NA	NA	Urban Infrastructure (Health)	Health & Family Welfare Services
26	Development of Commercial Property	Shivamogga	12	2	Urban Infrastructure	Shivamogga City Corporation
27	Development of Cruise Tourism	Dakshina Kannada	105	18	Tourism	Tourism Department
28	Development of LEGO theme Park at Bengaluru.	Bengaluru Urban	62	10	Tourism	Tourism Department
29	Development of Disney Land theme Park at Bengaluru	Bengaluru Urban	100	17	Tourism	Tourism Department
30	Development of Cruise Dinner Project at Halasuru Lake, Bengaluru	Bengaluru Urban	40	7	Tourism	Tourism Department

## Investment Opportunities – Projects under ‘Conceptualization stage’

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
31	Development of Snow Park in Bengaluru	Bengaluru Urban	43	7	Tourism	Tourism Department
32	Development of Cable Car at four locations in Karnataka	Chamundi hills, Nandi hills, Kemmannugundi hills and Madhugiri.	80	13	Tourism	Tourism Department
33	Area Development near Almatti Dam	Bijapur	120	20	Tourism	Tourism Department
34	Development of Helitourism in Karnataka	Various Locations	NA	NA	Tourism	Tourism Department
35	Development of Arts & Crafts Village in Bengaluru	Bengaluru Urban	4	1	Tourism	Tourism Department
36	Development of River Cruise	Mysuru, Ballari, Shivamogga	128	21	Tourism	Tourism Department
37	Development of Caravan Park	Various Locations	NA	NA	Tourism	Tourism Department
38	Air Charter Services in Karnataka	Various Locations	NA	NA	Tourism	Tourism Department
39	Joint Venture Development of Vijayapura and Ooty.	Vijayapura	28	5	Tourism	Tourism Department
40	Development of Bengaluru Eye	Bengaluru Urban	NA	NA	Tourism	Tourism Department

## Investment Opportunities – Projects under ‘Conceptualization stage’

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
41	Development of international Aerospace Museum at Jakkur in Bengaluru	Bengaluru Urban	NA	NA	Tourism	KSIIDC
42	Setting up of Conduit for OFC (Optical Fibre Cables) for Broad Band and Cable TV Operators using BESCO Electric Poles	Bengaluru Urban & Rural, Kolar, Chikkaballapura, Chitradurga, Davangere, Tumakuru, Ramanagar	NA	NA	Urban Infrastructure (telecommunication)	BESCOM
43	Development of Airstrips in Karnataka	Chikkamagaluru, Bagalakote, Udupi, Davanagere, Raichur & Gadag	NA	NA	Transportation	KSIIDC
44	Development of 3 PL Logistic Park	Benagluru Rural	NA	NA	Transportation	KSIIDC
45	Integrated Bus Terminal with Smart Infrastructure for Tumakuru city	Tumakuru	165	28	Urban Infrastructure	KUIDFC
46	Construction of 2000 Bus Shelters	Bengaluru Urban	NA	NA	Urban Infrastructure	BBMP
47	Energy Efficient Street Lights	Bengaluru Urban	NA	NA	Urban Infrastructure	BBMP
48	Bio-Mining at Mandur North and South	Mandoor North & South	NA	NA	Urban Infrastructure	BBMP

## Investment Opportunities – Projects under ‘Conceptualization stage’

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
49	Waste to Energy Plants	Bengaluru Urban	NA	NA	Urban Infrastructure	BBMP
50	24x7 Water Supply to the entire Corporation areas of Belagavi, Kalburgi and Hubballi-Dharwad Area.	Belagavi, Kalaburagi and Hubballi-Dharwad Corporation Areas	1,809	302	Urban Infrastructure	KUIDFC
51	Replacement of borewells with energy efficient Motors	Bengaluru Urban	45	8	Urban Infrastructure	BWSSB
52	Opportunities in the Properties of North, South, West and East Part of the Bengaluru (1) Setting Up of Destination Malls (2) Setting Up of Speciality Malls (3) Setting Up of Value Retail format	Bengaluru Urban	NA	NA	Urban Infrastructure	BMRCL
53	Opportunities in Metro Properties at Jalahalli (1) Budget Hotels with Conference Hall (2) Malls with theaters (3) Hotels	Bengaluru Urban	NA	NA	Urban Infrastructure	BMRCL
54	Opportunities in Metro Properties at Peenya (1) Micro Market	Bengaluru Urban	NA	NA	Urban Infrastructure	BMRCL
55	Opportunities in Metro Properties at Mysuru road (1) Setting Up of Multiplex with Retails and Foodcourt	Bengaluru Urban	NA	NA	Urban Infrastructure	BMRCL

## Investment Opportunities – Projects under ‘Conceptualization stage’

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
56	Opportunities in Metro Properties at Banashankari (1) Establishment of IT/ITES Companies (2) Micro Markets (3) Parking Facilities	Bengaluru Urban	NA	NA	Urban Infrastructure	BMRCL
57	Properties in S P road (1) Commercial Activity (2) IT related industry (3) Hospital	Bengaluru Urban	NA	NA	Urban Infrastructure	BMRCL
58	Construction of 185 km internal Ring road (IRR)- Bengaluru	Bengaluru Urban	NA	NA	Transportation	BMRDA
59	Construction of 197 km intermediate Ring roads (IRR)- Bengaluru	Bengaluru Urban	NA	NA	Transportation	BMRDA
60	Construction of 164 km Radial Ring road (RR)- Bengaluru	Bengaluru Urban	NA	NA	Transportation	BMRDA
61	Intergrated township at Bidadi	Ramanagara	30000	5000	Urban Infrastructure	BMRDA
62	Sea Food park between Mangaluru and Udupi towns	Mangaluru, Udupi	120	20	Agri-Infrastructure	Fisheries Department
63	Development of Parking Management System in Bengaluru	Bengaluru Urban	55	9	Transportation	DULT
64	Bengaluru international Convention Centre	Bengaluru Urban	1035	173	Tourism	KSIIDC
65	Redevelopment of Existing Market at RT Nagar	Bengaluru Urban	49	8	Urban Infrastructure	BDA



## Investment Opportunities – Projects under ‘Conceptualization stage’

Sl. No.	Name of the Project	District	Total Cost (Crore)	Total Cost (USD mn)	Sector	Agency
66	Development of City Bus Terminal at Udupi	Udupi	NA	NA	Transportation	KSRTC
67	Development of second phase of Bus Terminal and Commercial Space at Kanakapura	Ramnagara	NA	NA	Transportation	KSRTC
68	Development of Construction Multi Level Car Parking [MLCP] lots in Bengaluru Limits.	Bengaluru Urban	NA	NA	Transportation	BBMP
69	Development of Mayur Commercial Complex	Mysuru	30	5	Urban Infrastructure	Mysore City Corporation
70	Development of Commercial Complex in front of KSRTC Bus Stand	Mysuru	24	4	Urban Infrastructure	Mysore City Corporation
71	Processing of Solid Waste to Energy for Mysore City Corporation	Mysuru	40	7	Urban Infrastructure	Mysore City Corporation
	Total		40,095	6,682		

## Investment Facilitation

- IDD (nodal Department for PPP)-shall assist the State Level Single Window Agency for PPP and SHLCC in evaluating and deciding upon the specific proposals.
- Single Window Agency (SWA): Chaired by Chief Secretary to approve projects with investments upto USD 8.33 mn (INR 50 Cr.)
- State High Level Clearance Committee (SHLCC): Chaired by Hon'ble Chief Minister of State of Karnataka to approve projects with investments above USD 8.33 mn (INR 50 Cr.)











Government of Karnataka

## Contact Details

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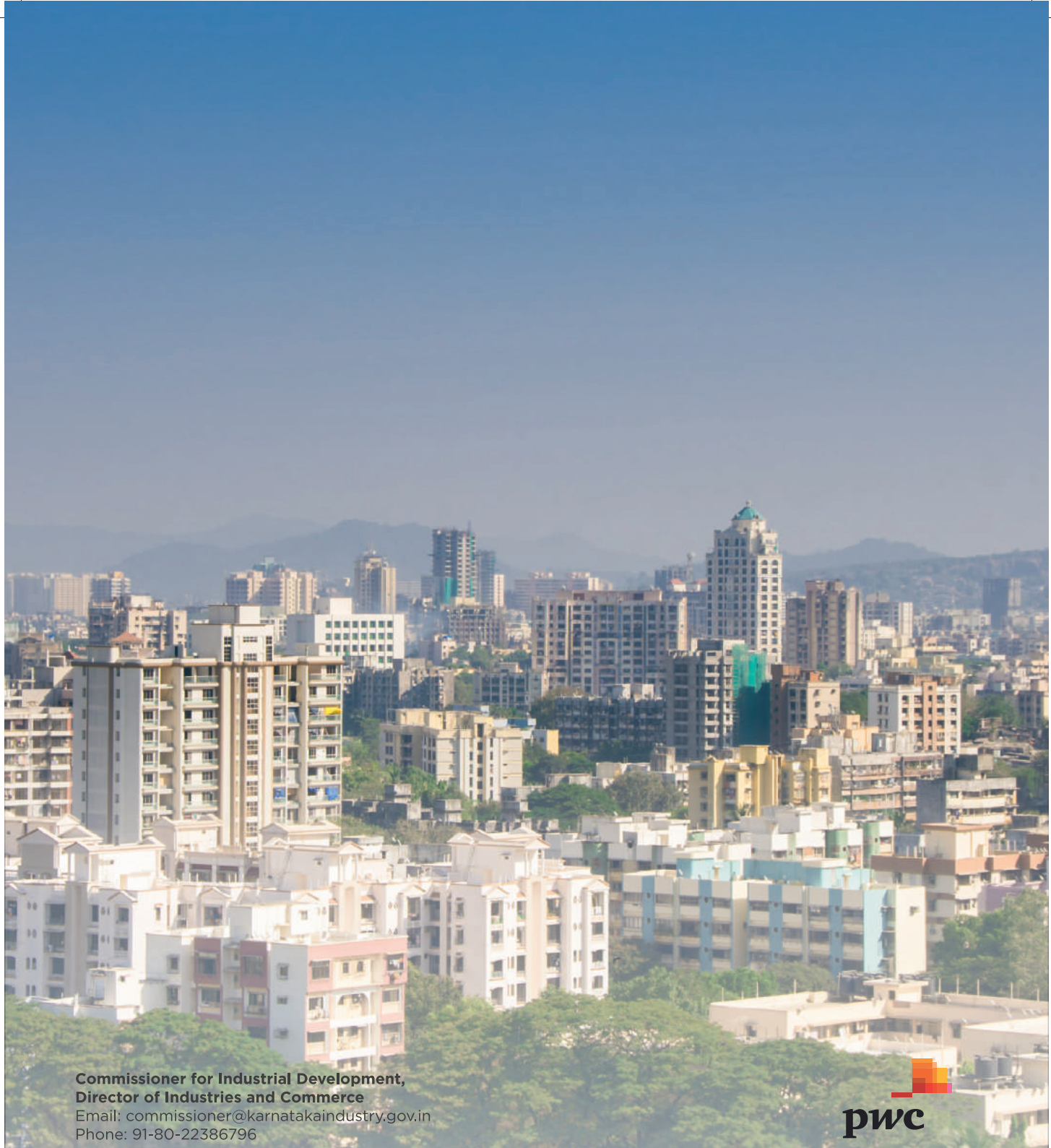
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