

Ongoing Cost Sharing Railway Projects in Karnataka

Sl.No.	Project Name	Length in KM	Project Cost (Rs. In crores)	Status
1	Solapur - Gadag (GC)	284	335.00	Completed
2	Shimoga - Talaguppa (GC)	97	225.00	Shimoga - Anandapuram GC Completed in 2009-10 Anandapuram - Talaguppa targeted for commissioning by March 2011
3	Bangalore- Ramanagaram - Mysore (DL)	143	487.00(ant)	Bangalore- Ramanagaram over; Ramanagaram to Shettihalli and Mysore to Naganahalli targeted by March 2011 and balance by 2013
4	Kottur - Harihara (NL)	67	330.00	All works completed and section is ready for goods services. Passengers services will be introduced in 2011
5	Munirabad (Giniger) - Mehaboobnagar (NL)	170	1050.00	Works are in progress from (Giniger) Munirabad end
6	Bidar - Gulbarga (NL)	107	369.00	Work in Progress in Bidar District. In Gulbarga District land acquisition progress under finalisation.
Total		868	2796.00	

GC Guage Conversion
DL Doubling
NL New Line

Priority Projects

(Rs. in crores)

No.	Name of the Project	Total Kms	Purpose	GOK Share
New Cost Sharing(earlier non- cost sharing, now cost- sharing)				
1	Hassan – Bangalore	166	Straight Connectivity from Mangalore	267.44
2	Kadur – Chickmagalur – Sakleshpur	93	Mangalore- North Karnatak	194.48
3	Arsikere – Birur	44	Doubling- choked line	71.11
4	Kolar-Chickballapur	90	Goods train from AP to Bangalore could be diverterted	96.12
New Works		393		
5	Shimoga – Harihara	84	Direct Link from Port to Hinterland	277.20
6	Whitefield – Kolar	52	For movement of Labour	184.34
7	Davangere – Tumkur	210	Straight movement from Hubli	502.17
8	Gadag – Haveri	84	For direct link from Bagalkote	192.50
		430		

Priority Projects

(Rs. in crores)

No.	Name of the Project	Total Kms	Purpose	GOK Share
PPP Works				
9	Hubli – Ankola	167	Port Connectivity	39.00
10	Talaguppa – Honnavara	83	Port Connectivity	38.883
11	Kudachi – Bagalkot	142	Connectivity to power Station	31.824
12	Bijapur – Shahabad	140	Port Connectivity for Cement Zone	32.76
13	Dharwad – Belgaum	97	To straighten	14.63
	Sub Total	629		
	GT	1452		

No great man complains of want of opportunities- R. W. Emerson

Priority Projects

(Rs. in crores)

Sl.No.	Type	Share of costs and its agencies						
		Gol		GoK			Total	
		Share Capital	Others	Land	Share Capital	Others	Gol	GoK
1	Cost Sharing works – Jan 2010		504.46			587.36	504.46	587.36
2	Cost Sharing of works (out of present non-sharing works underway)		629.14			629.14	629.14	629.13
3	New Cost Sharing		945.99	210.22		945.99	945.99	1156.20
4	Priority works (PPP)	157.09			157.09		157.09	157.09
	Total	157.09	2079.59	210.22	157.09	2162.49	2236.68	2529.78



*Happy are those who dream dreams and are ready to pay the price to make them come true
– Leon J Suenes*

PORTS



Goals are the fuel in the furnace of achievement – Brian Tracey

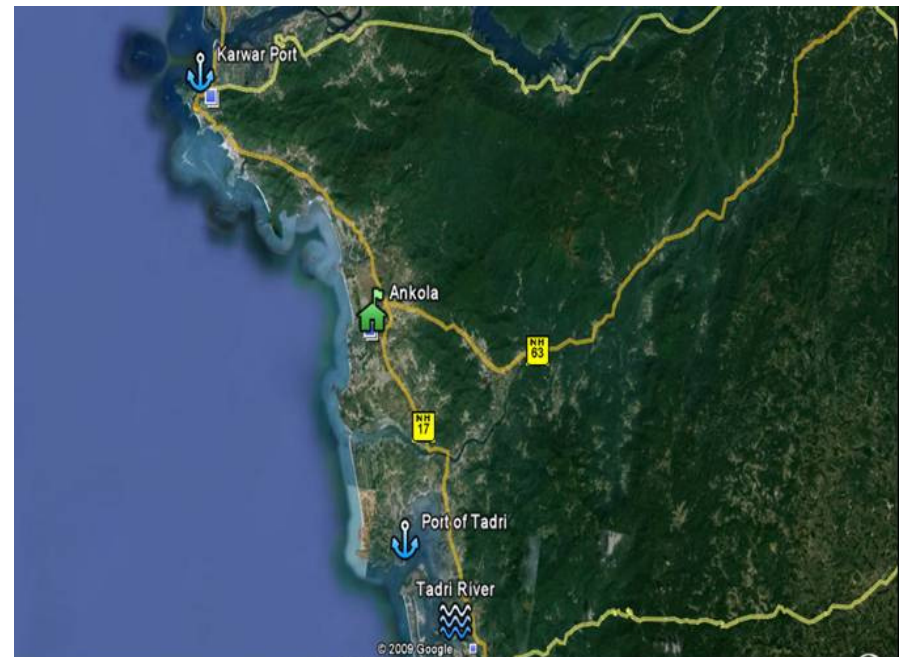
Tadadi Port

IDD

Nodal Agency: KSIIDC

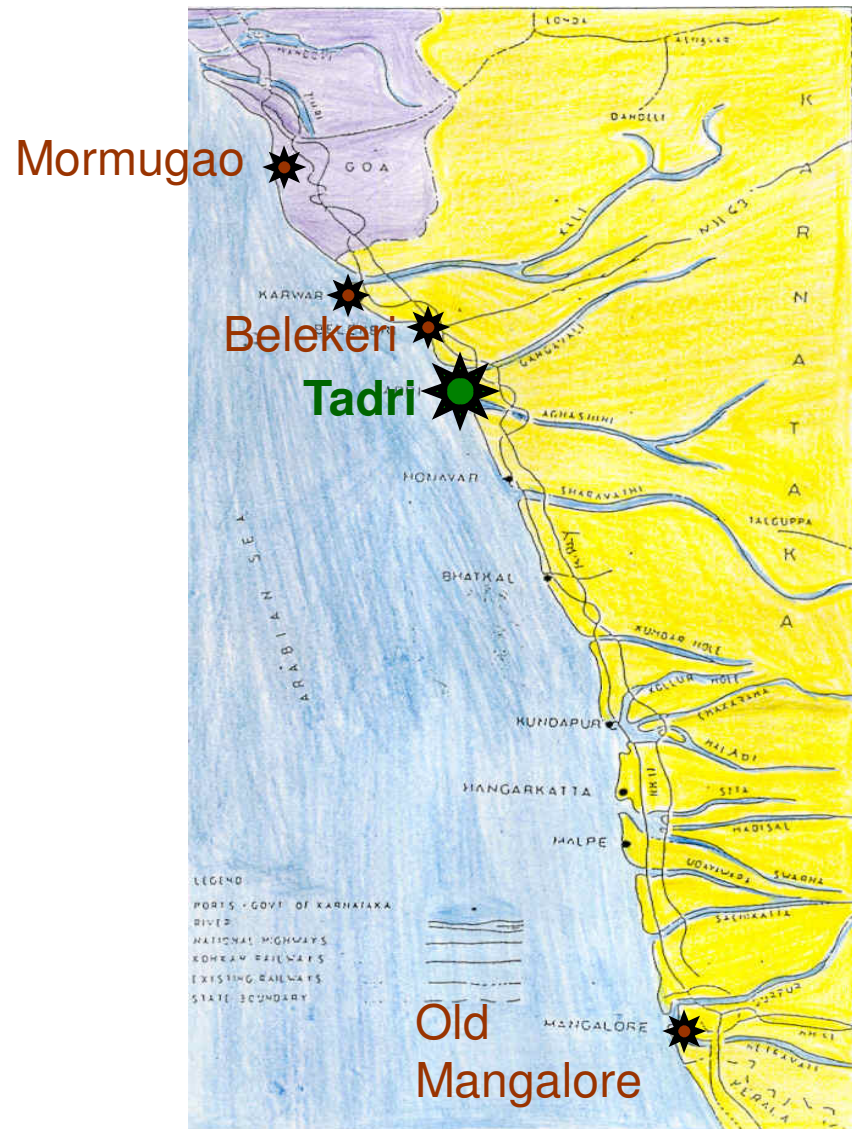
Project Background

- **Development of a multi user, multi cargo all weather port at Tadri by the private sector**
- **Overall economic development of the north coastal belt**
- **Tadri forming a logistics hub in terms of bulk cargo movement catering to central and northern Karnataka**



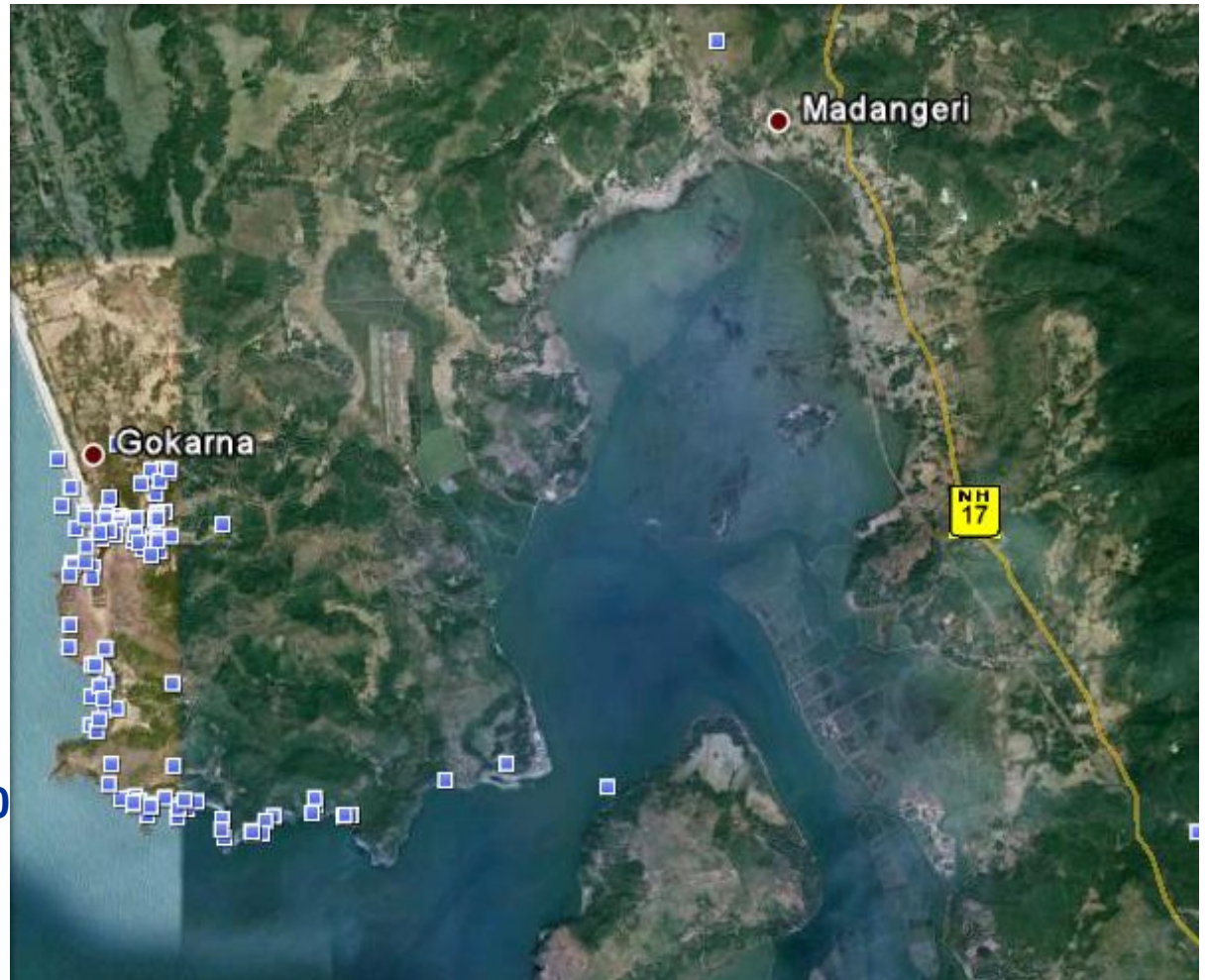
Minor ports in Karnataka

- Karwar
- Belekeri
- **Tadri**
- Honnavar
- Bhatkal
- Kundapur
- Hangarakatta
- Malpe
- Padubidri
- Old Mangalore

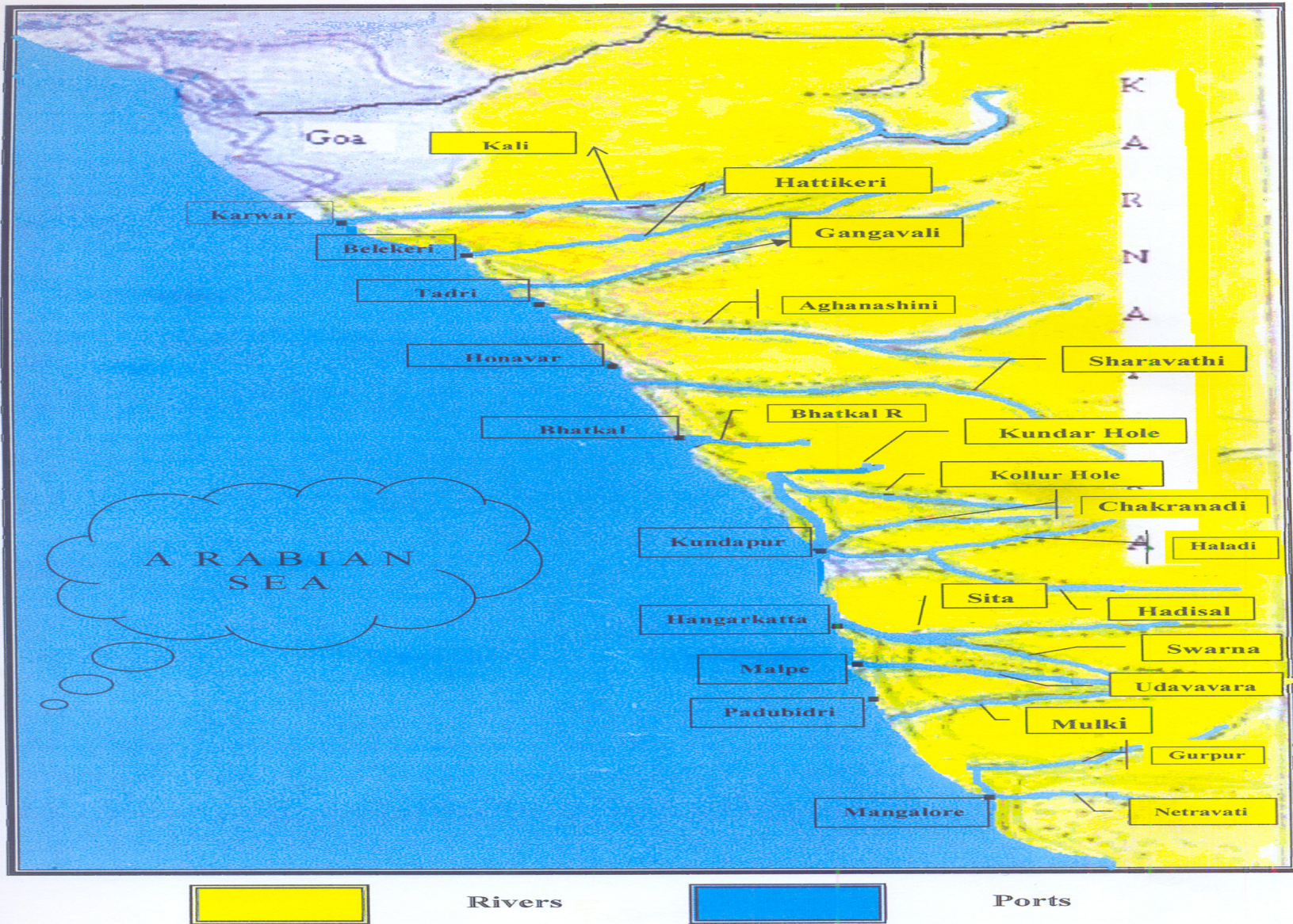


Tadadi Port

- Located at - Latitude 14° 13.50' N and Longitude 74° 21.50' E
- Situated on the estuary of the Aghanashini River
- Distance from:
 - Karwar – 50 km
 - Belekeri – 24 km
 - Honnavar – 35 km
- Near to Konkan Railway Line, NH 17 & NH 63
- Land available – around 1800 acres – Including about 400 acres with KPCL

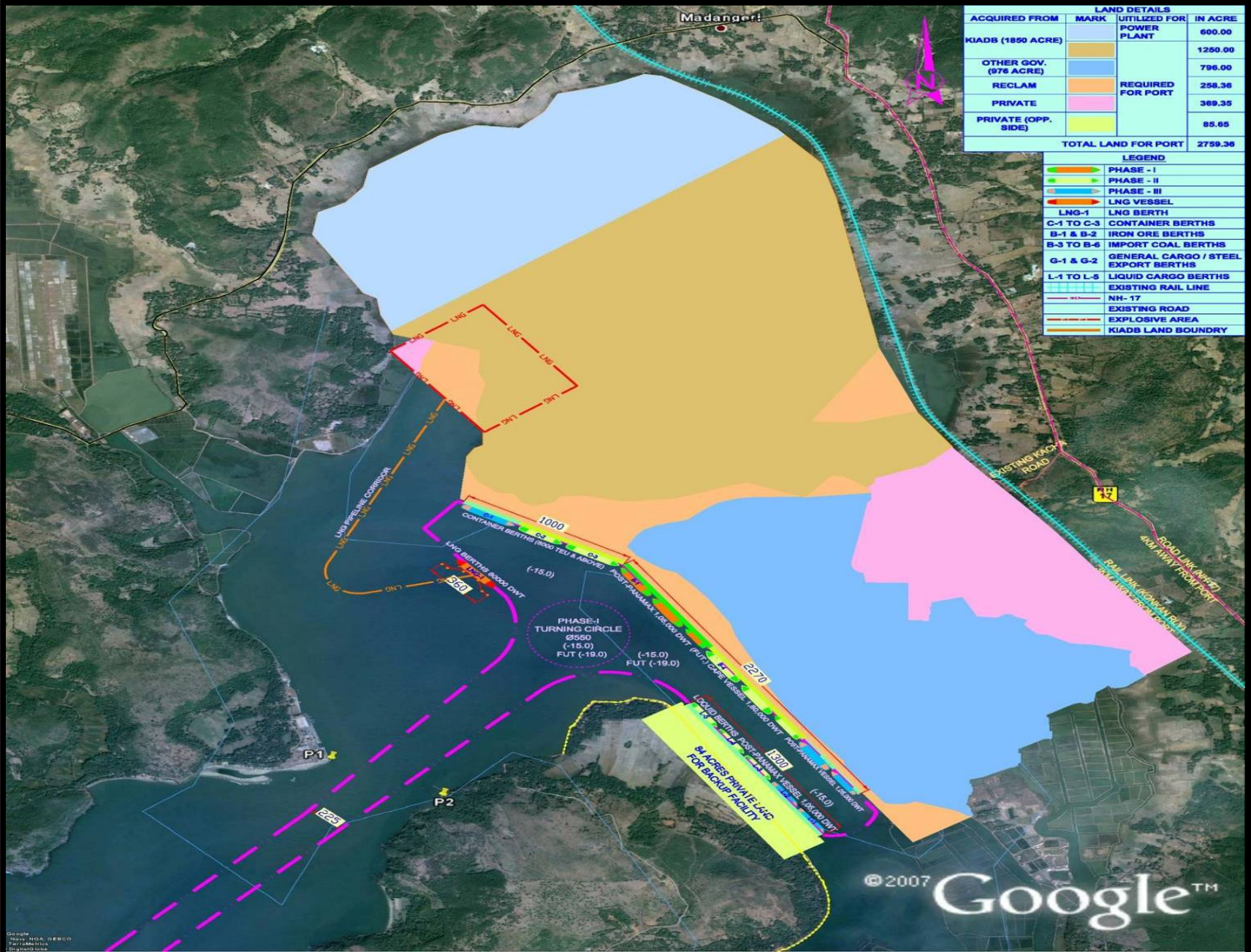


KARNATAKA STATE PORTS



The secret of success, is the consistency of purpose - Disraeli

Land Requirement



© 2007 Google™

TADAI Port Development

Development Plan	- Proposed in three Phases
Total cargo capacity	> 114 MTPA
Total No Of Berth	> 16
Total Berthing length	> 4570 Meters
Total Project Cost	- 7127 Cr (approx.)


Phase - 1

Berths:-	3 nos. for bulk Cargo (825 m long)
Draft:-	– 15 m
	Dredging envisaged for Panamax vessel ountered
Capacity:-	34MTPA
Vessel Size:-	Upto Post-Panamax of 105,000 DWT class
Completion Schedule:-	2010 - 2014

Do the thing you are afraid to do and the death of fear is certain – R. W. Emerson

Traffic Projections & Cost

(Cargo in Mil MT – Cost in Rs. Crore)

Phase / Year Commodity	Phase 1 (2014)	Phase 2 (2022)	Phase 3 (2027)	Total (2014-27)
No. of Berths	3	8	5	16
Coal	12	12	16	40
Iron ore	19	15	-	30
General cargo	3	3	3	9
Container	-	12	18	30
Liquid Cargo	-	3	2	5
Total	34	45	39	114
Total Project Cost (Rs. Cr)	3000	2606	1521	7127 

Commitment leads to action. Action brings your dream closer. – Marcia Wieder

Sustainable Mobility

1. Accessibility
2. Fare
3. Travel Time
4. Reliability
5. Safety
6. Security
7. GH Summary
8. Resource use – Energy/ /materials
9. Equity
10. Inspection – public losses
11. Rate of Return for private businesses
12. Inspection environment (habitat, water, noise)



*Ah, but a man's reach should exceed his grasp, or what's a heaven for? –
R. Browning*

Bangalore

Proposed Integrated Mass Transport System

<u>System</u>		<u>Length</u>
• Metro System	-	137 km
• Mono Rail / LRT	-	60 km
• Bus Rapid Transit System	-	291.5 km
• Commuter Rail Services	-	204 km
Total		692.5 km

Have a bias toward action....you can break that big plan into small steps and take the first step right away.- Indira Gandhi

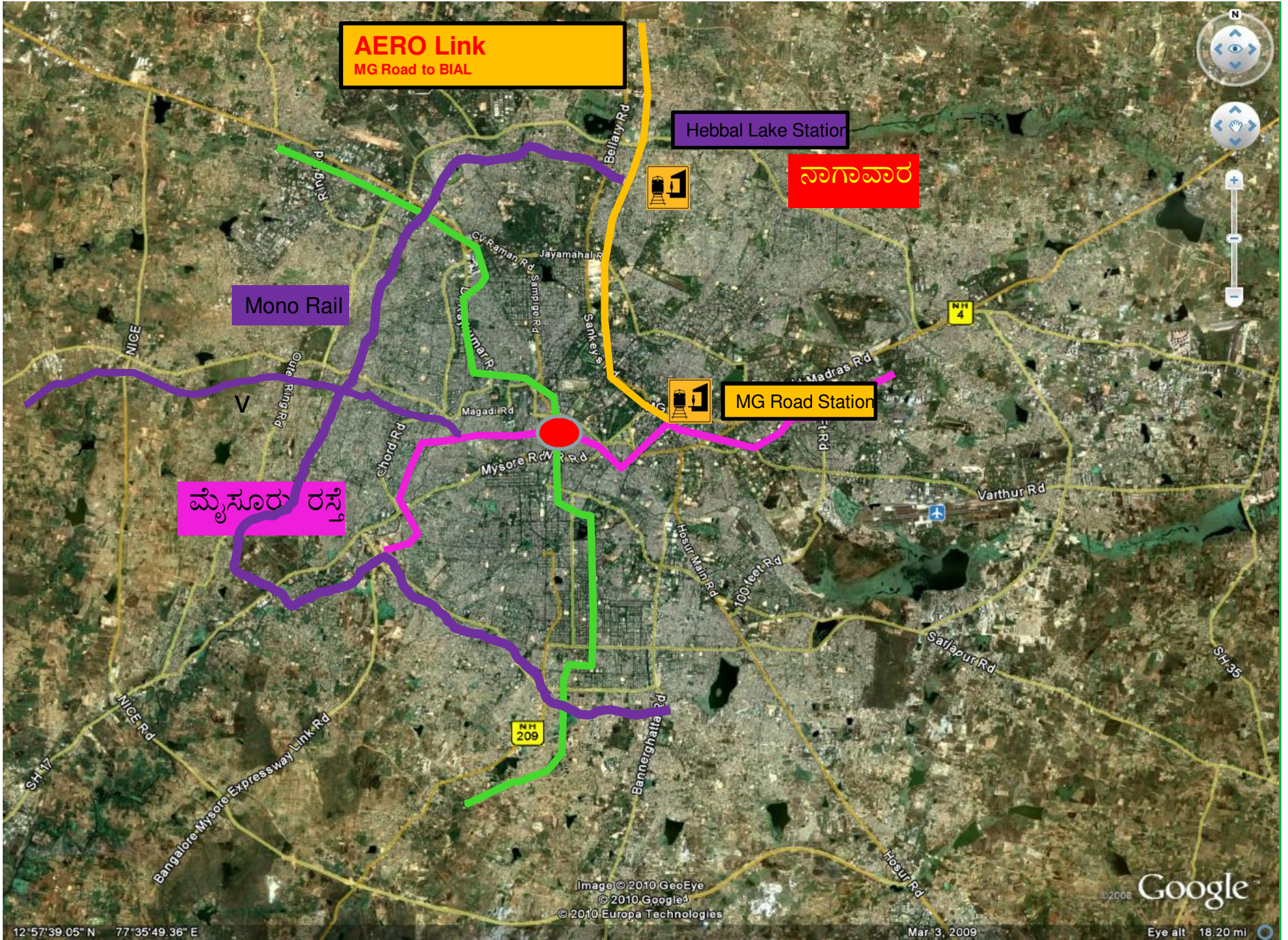
HIGH SPEED RAIL LINK (HSRL) TO BANGALORE INTERNATIONAL AIRPORT



12/3/2010

Infrastructure Policy 2007

66



AERO Link
MG Road to BIAL

Hebbal Lake Station

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Mono Rail

MG Road Station

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HSRL Alignment

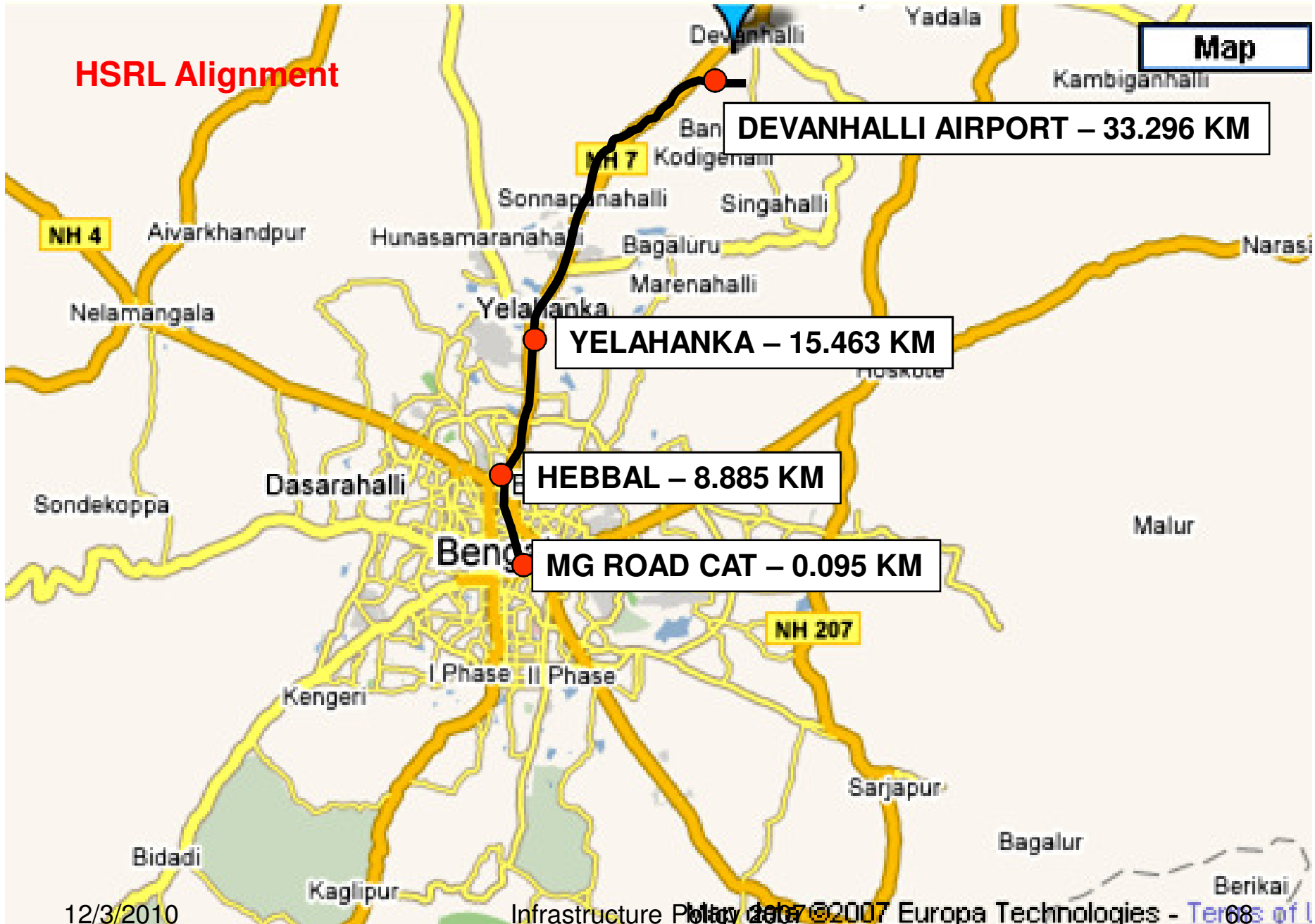
Map

DEVANHALLI AIRPORT – 33.296 KM

YELAHANKA – 15.463 KM

HEBBAL – 8.885 KM

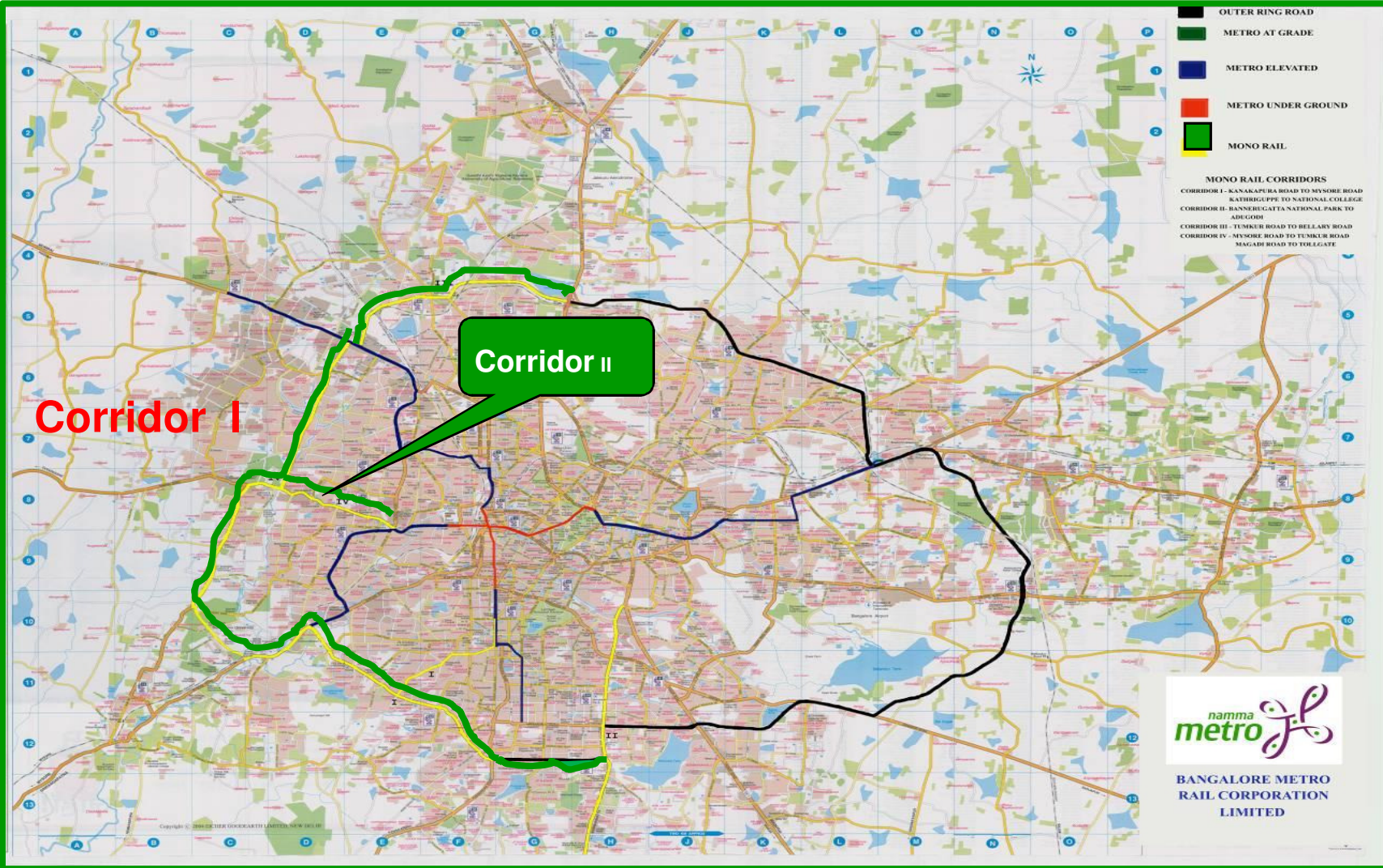
MG ROAD CAT – 0.095 KM



Short Listed Firms

- **M/s Pioneer Infratech Pvt. Ltd. & Siemens Project Ventures**
- **M/s Lanco Infrastech Ltd. & OHL Concesiones S.L.**
- **M/s L&T Transco Ltd.**
- **M/s Reliance Infrastructure Ltd. & CSR Nanjing Puzhen Rolling Stock Co. Ltd.**
- **M/s ITD-ITD Cem – SOMA Enterprises Joint Venture** 

Monorail Corridors (CTTP)



Metro – Monorail : Integrated Systems

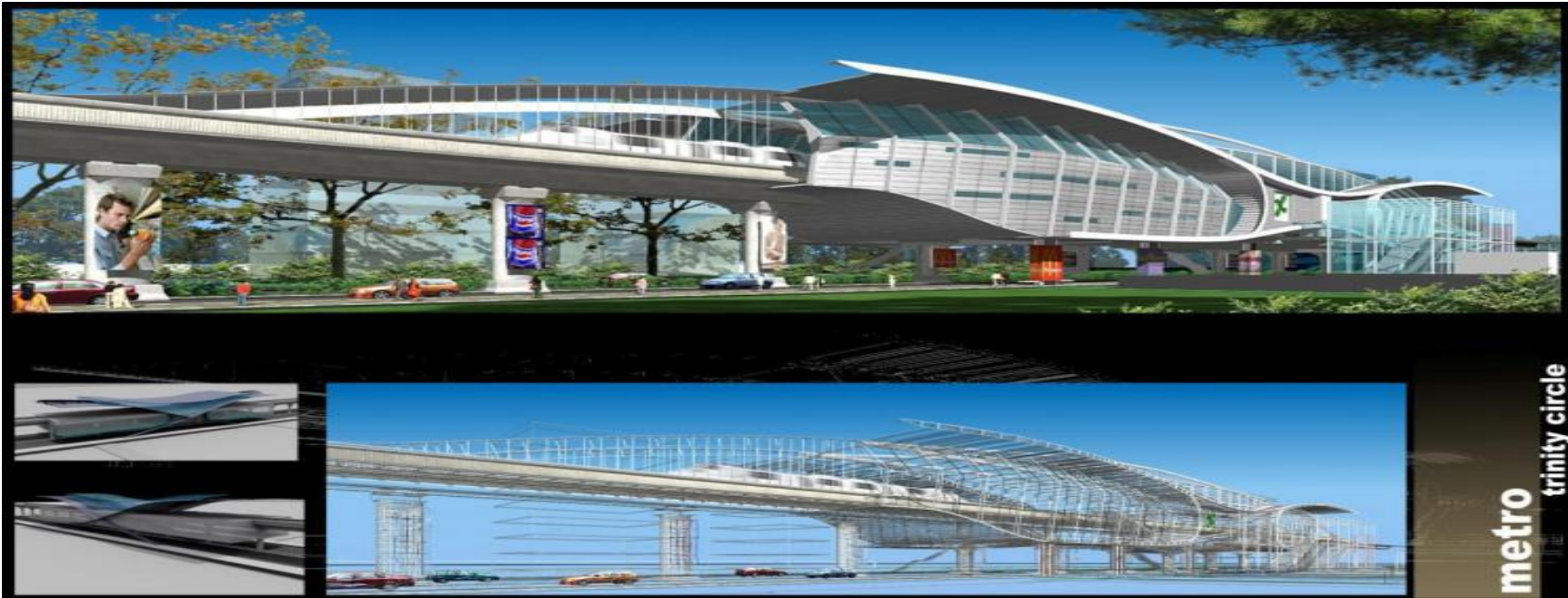
Sl. No.	Name of the city	Metro Rail in kms.	Mono Rail in kms.
I	Implemented		
1	Kuala Lumpur	35	8.6
2	Tokyo	121.2	17.8+16
3	Osaka, Japan	85.6	28
4	China (Chongqing Metro)	5.58	19.5
5	Tehran	75	18
II	Under Implementation		
1	Mumbai	146.5	19.54
2	Kolkata	22.3	72

If you have put castles in the air,....put foundations under them. – Henry David Thoreau



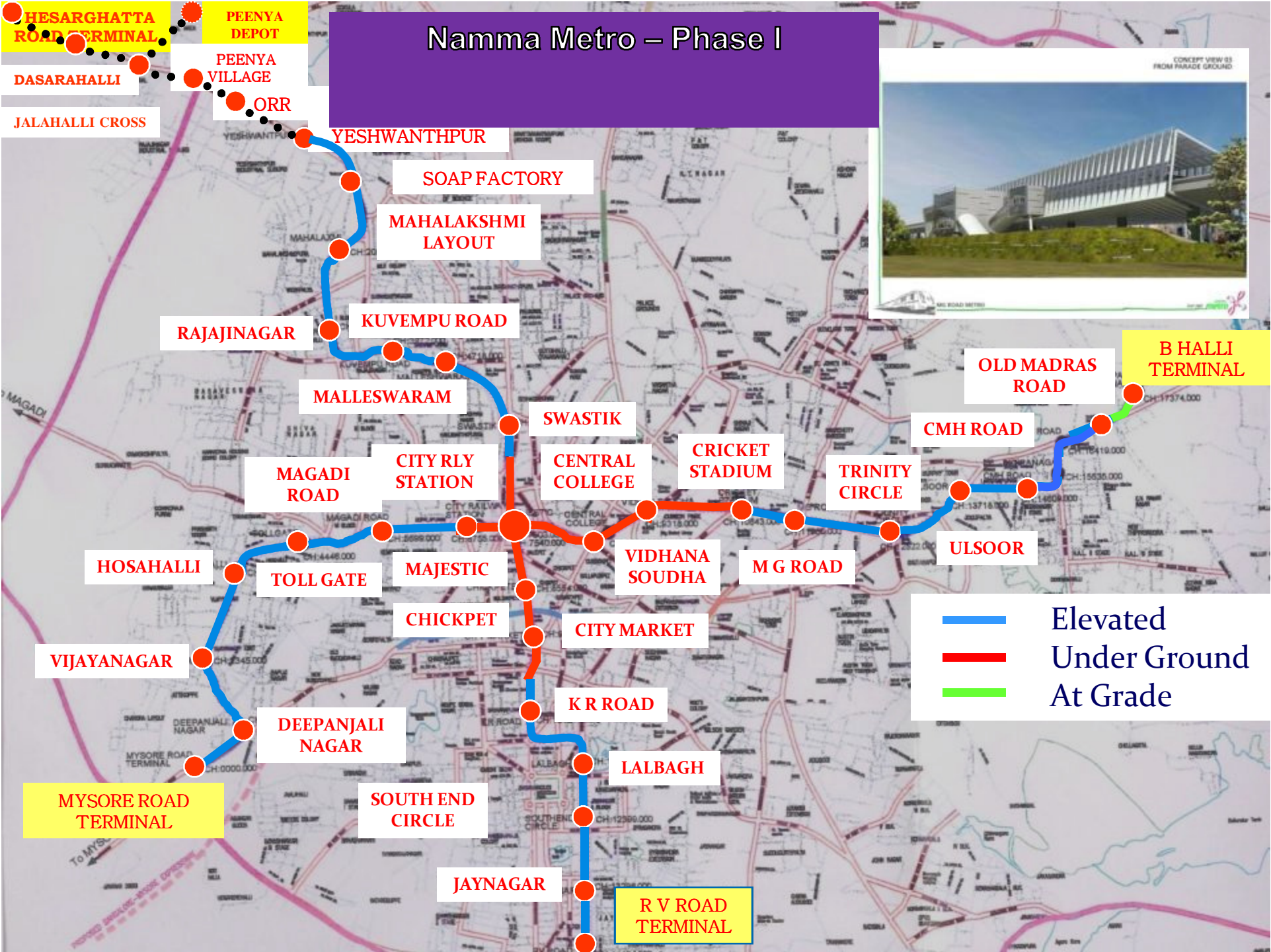


Namma Metro

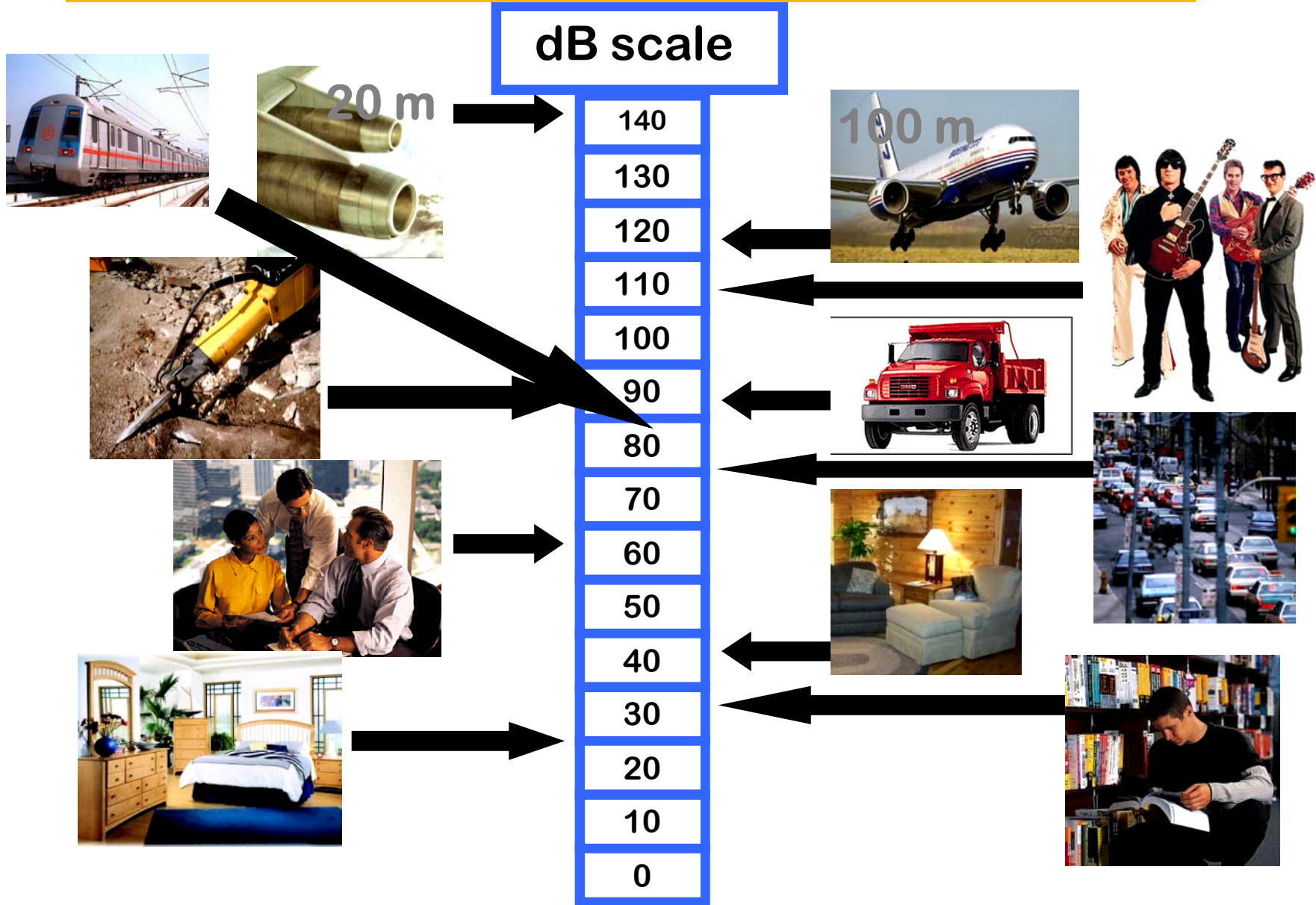


EAST – WEST CORRIDOR	18.10 KMS
NORTH-SOUTH CORRIDOR	14.90 KMS
TOTAL	33.00 KMS
ELEVATED	25.65 KMS
AT GRADE (At Ground Level)	00.65 KMS
UNDERGROUND	6.70 KMS
GAUGE	Standard Gauge
TRACTION	750V dc Third Rail
SPEED	Max 80Kmph ; Avg. 32Kmph
NO. OF STATIONS	32 (24 elevated, 8 UG)
TRAVEL TIME	33 / 28 Mins. (end to end)
HEAD WAY	4 Mins at start ;later 3 Mins

Namma Metro – Phase I



Levels of Common Sounds



Commuter Rail

- **Yeshwantpur- Electronic City- 2 pair of services**
- **Yeshwantpur- Devanahally- 1** 

Action to be effective must be directed to clearly conceived ends. – Jawaharlal Nehru

Present Power Situation in State

- ❑ Severe Power Shortage with demand - supply Gap of 22% ;
- ❑ As per 17th EPS peak demand is 7877 MW;
- ❑ Availability is about 6100MW;
- ❑ Average annual growth of 8-10%;
- ❑ Daily energy generation is 120MU;
- ❑ Daily energy demand is 150 MU (Restricted);
- ❑ Daily energy shortage is about 30MU;
- ❑ The State is constrained to impose load shedding.
- ❑ State Government has initiated all necessary action for Short term load management initiates to distribute power among urban and rural consumers.
- ❑ Crisis Management: 1000MW of high cost power being purchased daily from PTC/NTPCVVNL etc

New Projects

- ❑ Long term action plan initiated for capacity addition.
- ❑ Major projects Established by 2014.
- ✓ 4000 MW UMPP at Kudgi in Bijapur dist through NTPC
- ✓ 1600 MW Coal based power project at Yermarus by KPCL JV with BHEL
- ✓ 800 MW Coal based power project at Yedlapura by KPCL JV with BHEL.
- ✓ 1600 MW pit head coal based power project at Godhana by KPCL & Govt of Chhattisgarh.
- ✓ Bellary, BTPS 2nd and 3rd unit by KPCL.
- ✓ Kaiga Nuclear power project Expansion of 2X700 MW

New Projects (Contd)

- ✓ 400 MW Hydro power station at Gundia by KPCL.
- ✓ 1400 MW Gas based power plant at Bidadi by KPCL.
- ✓ 4000 MW capacity Addition through Renewable Energy sources; Renewable Energy Policy' announced to encourage Green energy.
- ❑ Establishing power projects through competitive bidding route private participation.
- ✓ 700MW Gas based power plants each at Belgaum, Gadag, Davanagere by PCKL
- ✓ 1320 MW Coal based power plants each at Gulbarga and Ghataprabha by PCKL.

Fuel & Ecology Constraints

- ❑ State is devoid of fossil fuel resource such as Coal, Lignite or Natural gas.
- ❑ Hydro generation already saturated
- ❑ Eco-sensitivity of Western Ghats prevents coal based Coastal power plants, unlike AP & TN coast line.
- ❑ Shivana Samudra down-stream project on Cauvery being prevented.

GAIL (India) Limited



Dabhol – Bangalore Pipeline Project

○

8th Feb 2010

ROUTE MAP OF DABHOL - BANGALORE PIPELINE



LEGEND	
PHASE-I PIPELINE	
PHASE-II PIPELINE	
EWPL	
CUSTOMER LOCATION	
PROPOSED POWER PLANTS	

Phase –I	: 2011-12
Capacity	: 14.31 MMSCMD
Trunk line	: 36" x 246.5 Kms. 30" x 497Km
Spurlines	: 24" x176Km 18" x 75Km
C.APEX	: 4058 Crs.
Phase –II	: 2012- 13
Capacity	: 1.69 MMSCMD
Spurlines	: 8"/10"/18" x 417 kms
CAPEX	: Rs. 486 Crs

Demand of proposed power plants:	
1.Ghataprabha	9.5
2.Mundargi	6.5
3.Jagalur / Challekere	6.5
4. Deveranayanadurga / Gubbi	6.5
5. Yelahanka	4.62
6.Bidadi	11.96
TOTAL	45.58





- National Highway
- State Highway
- Railway Line

Industrial Zones



Sl. No.	Industrial Zones	Districts
1	Steel	Bellary, Koppal, Bagalkot, Haveri, Gadag & Raichur
2	Cement	Gulbarga, Bagalkot, Chitradurga, Belgaum and Others
3	Food Processing	Bangalore (R), Kolar, Belgaum, Gadag, Koppal, Shimoga, Bagalkot, Bijapur, Davangere, Mandya and Dharwad
4	Information Technology/Bio-Technology	Mysore, Mangalore, Hubli-Dharwad, Belgaum, Shimoga, Gulbarga, Kolar and Mandya
5	Automobile	Ramanagara, Shimoga, Dharwad and Kolar
6	Readymade garments	Bangalore (R), Tumkur, Kolar, Mandya, Belgaum, Bidar, Dharwad & Others
7	Sugar and co-gen, power	Bidar, Belgaum, Bagalkot, Shimoga, and Mandya
8	Pharmaceutical/Bio-Technology	Bangalore, Mysore and Hassan
9	Power Generation	Raichur, Bellary, Bijapur and Chitradurga
10	Media & Entertainment	Bangalore (R)and Ramanagar

Suvarna Karnataka Development Corridor (SKDC)

Sl. No.	Corridor
1	Bidar – Bangalore via Chitradurga
2	Tumkur – Honnavar via Shimoga
3	Chitradurga – Mangalore via Shimoga, Udupi
4	Bangalore – Belgaum via Davangere, Hubli

Additional corridor will also be developed to cover Bidar, Bijapur and Other potential locations. →



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Project Timelines

- Preparation of Detailed Project Report (DPR) - Consultants being appointed
- EIA & CRZ studies in progress – NEERI & NIO
- Bid Process for selection of Private Developer - RFQ in progress
 - Advertisement released in April, Pre-application Conference held; Responses to Queries hosted on website – www.ksiidc.com;
 - Application Due date : 8 weeks from the date of hosting responses to balance queries
- Construction Period - 3 years
- Commercial Operations Date (COD) - 2014
- Concession Period - 30 years

FOOD KARNATAKA LIMITED

Food Park Projects In Karnataka



- **Projects under implementation on PPP model under the 10th five year plan**
 - **Malur In Kolar District**
 - **Hiriyur In Chitradurga District**
 - **Navanagar In Bagalkot District**
 - **Jewargi In Gulbarga District**

- **Seven more locations identified by GOK**
- **Bids in process**
 - Shimoga
 - Tumkur,
 - Belgaum
- **Projects in offer**
 - Davanagere,
 - Bijapur
 - Haveri (spice park)
- **Bangalore rural to be developed by FKL**

Project structure

- **Investment envisaged around Rs.20 cr**
- **VGF to the extent of 20%**
- **PPP structure- to develop, design,finance,construct & operate**
- **Create common facilities & allot plots for atleast 20 food processing industries**
- **land on lease cum sale basis**



Tourism Projects

Department of Tourism

Nodal Agency:KSIIDC

18 – Hole Link Golf Course, Mangalore

Along the coastline with a shorefront of approximately 2,600 m

Estimated Project Cost : Rs. 108 Crores



Land Utilization Plan includes

- 18 - Hole Golf Course
- Golf Club & Resort
- Other Hospitality services

Project Development Advisor for the Development of 18 Hole Golf Course & allied facilities spread over 135 acres situated south of New Mangalore Port in Bengre Village, Mangalore on PPP.

Advertisement for REQUEST FOR PROPOSAL

Refer Newspaper Advertisement :
The Times of India, Economic Times & Udayavani
Dated 02/06/2010



18 Hole Golf Course at Mangalore

- ▶ PPP Structure
 - Design-Finance-Build-Operate-Transfer (DFBOT)
 - Concession Period – 30 + 30 Years

- ▶ Investment Details
 - Estimated Project Cost : Rs. 108 Crores
 - IRR : 17% +

- ▶ Current Status
 - Project Recommended by KSCZMA to MoEF
 - Land being transferred to Dept of Tourism

18 Hole Golf Course at Mangalore

▶ Tender Process

- Process- Single Stage (3- Envelope System)
- Last date for Bid Submission: 30/09/2010

▶ Project Details Available at

- Website: www.ksiidc.com, www.iidcindia.co.in, www.ilfsindia.com

▶ Contact Details

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- Senior Manager,
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- Ph: +91-80-40343326
- Fax: +91-80-40343310