

Infrastructure Development Department
Govt. of Karnataka

WELCOMES

Dignitaries

to

Presentation

on

Sustainable Infrastructure

6/4/2010

Happiness be unto all ¹



Poverty can no longer be seen exclusively in statistical terms; what matters moreis access.....to entitlement & Opportunities- A.B .VAJPAYEE

Why invest in Karnataka?

- Presently 4.5% of GSDP
- Target 9 % of GSDP
- India Competitive Index- 49
- Huge deficit in Tax- GDP ratio 22 %(35 %)
- Investment requirements: Rs 92462 cr (11th plan)
- Present Investment : Rs 11000 cr
- Required Annual Investment : Rs20- 21,000 cr

Gnanam Nyeyam Parigyatha Thrivisha Karmachodana

6/4/2010



a few Infrastructure Indices - 2020

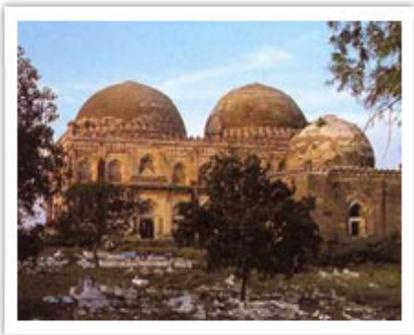


Sl No	Sector	Index	Target Index	Invest (Rs Cr)
1	Railways (railkm/ 1000sq km)	16.90	30	14000 (by 2020)
2	Roads- All Roads (km/ Sqkm)	1.09	1.50	125000 (by 2020)
	NH+SH km	21486	40000	
	2 lane & more	6696 (10%)	66456 (55%)	
3	Energy (units per capita-annum)	700 (9550MW)	1400 (18500MW)	85000 (by 2020)
	T&D loss	28%	15%	
4	Renewable Energy	2536MW (4%)	38686 MW (20% mix in Energy)	

6/4/2010

4

Lesson are not given, they are taken. - Pavese



a few Infrastructure Indices - 2020

o	Sector	Index	Target Index	Invest (Rs Cr)
5	a. Airports	4	11	1500 (by 2012)
	b. Air strips		13	
6	Rapid Mass Transportation (km)- Bangalore	0	693km (Metro-103+HSRL-34+Mono-60)	27000 (by 2017)
7	Ports (MMT)	44	142	7506
7	Logistics (Food Processing)	18% GDP	9% GDP	
8	Ecology (Parks)	16.7%	33%	

6/4/2010

What we see depends mainly on what we look for - H.A. Overstreet



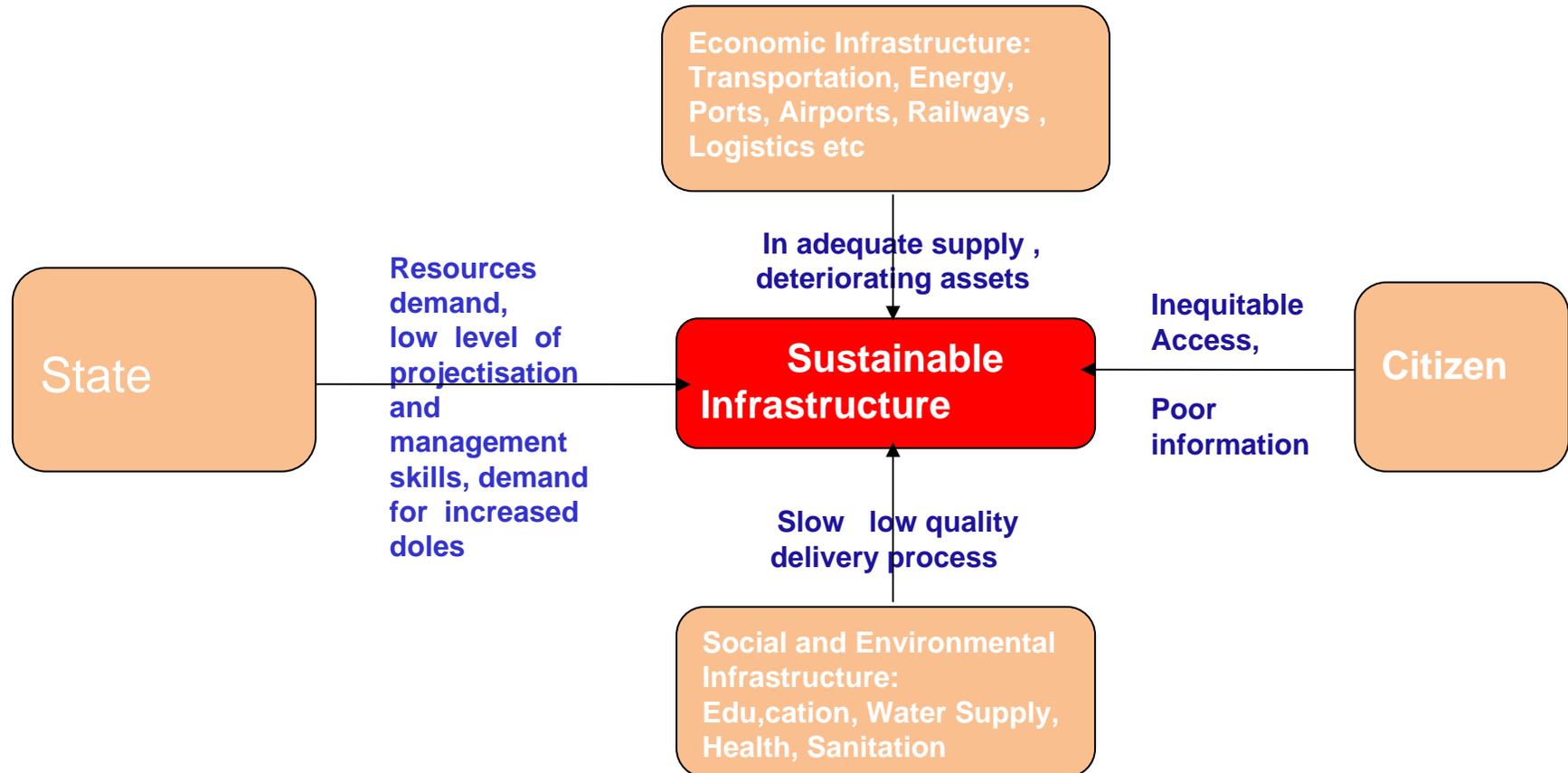
Other Indicators

SI No	Current year	Index	Target 2020
1	% Employment in Agriculture	61	35-40 2-3 Lakh shift to Ind/ Dervices
2	Literacy Rate(%)	67	100
3	Agri Growth Rate (%)	0.80	3-4
4	Skill Training (16-18)	8%	45%
5	Afforestation		

6/4/2010

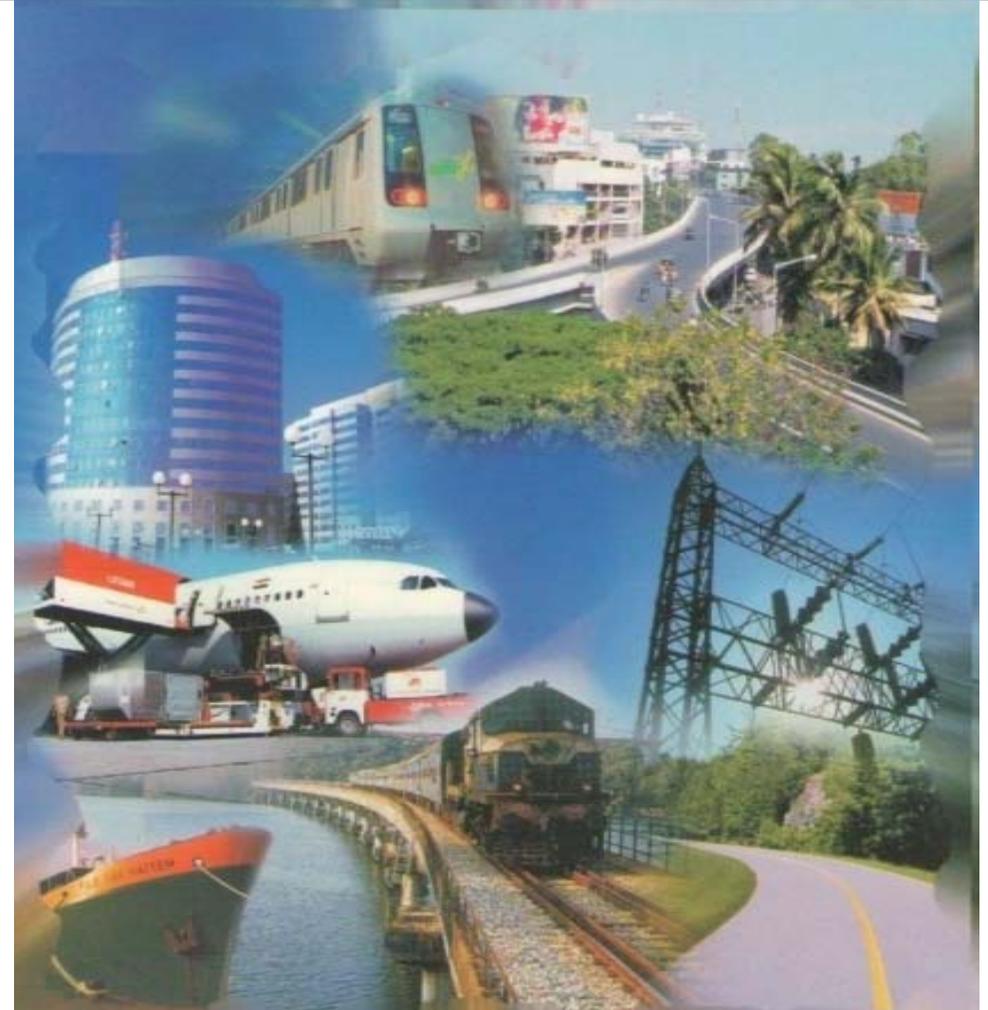
No one knows what he can do till he tries - Publius Syrus

The philosophy of one century is the common sense of the next
- *Henry Ward Beecher*



VISION 2020

- **Triple –bottom Concept**
 - **Financial Viability**
 - **Environmental sustainability**
 - **Social inclusiveness**
- **Infrastructure Policy**
 - **PPP route -**



The best preparation for tomorrow is to do today's work superbly well

- William Osler



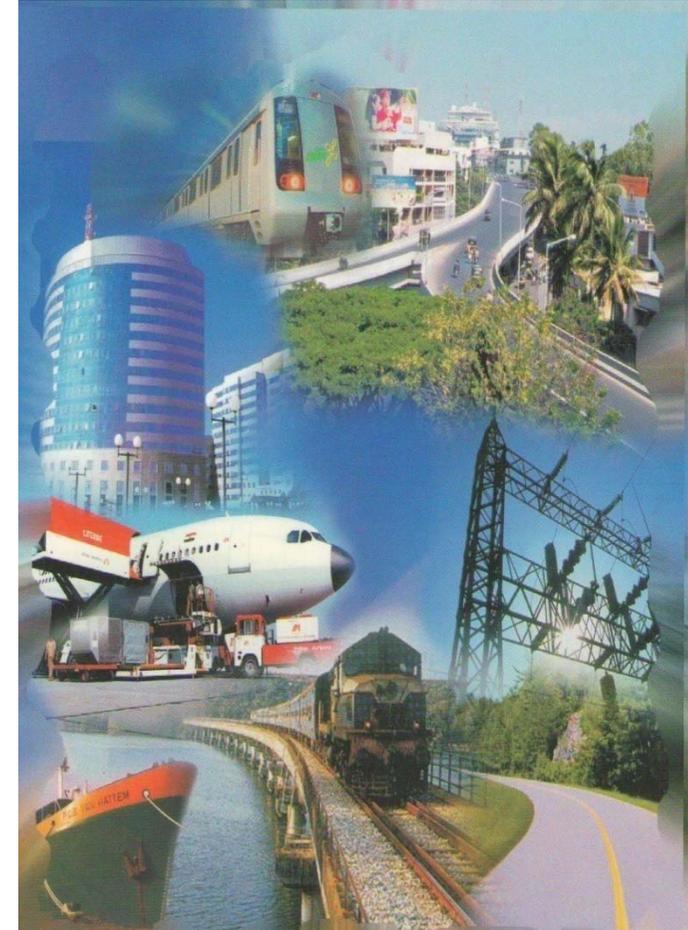
HOW to proceed in PPP?

Time	No of Studies	Projects
30/04/10	32	49
31/ 07/ 10	26	26
30/ 09/10	Dept Master Plans	100

* each studies has more than one project

Sector

- Agri-Infrastructure
- Education
- Energy
- Healthcare
- Industrial Infrastructure
- Irrigation
- Public Markets
- Tourism
- Transportation & Logistics
- Urban and Municipal Infrastructure



Focus Areas

- **Logistics**
 - (just in time)*
 - Railways
 - Airports
 - Ports
 - Roads
 - Urban transportation
- **Energy**
- **Industrial Infrastructure**
- **Tourism**



We think in generalities, but we live in detail - Alfred North Whitehead

Project Development

Sl.No.	Sector	Under Planning/Pipeline		Under Implementation		Completed		Total	
		Nos	Cost (in Cr.)	Nos	Cost (in Cr.)	Nos	Cost (in Cr.)	Nos	Cost (in Cr.)
1	Agri-Infrastructure	8	853.73	0	0.00	0	0.00	8	853.73
2	Education	0	0.00	0	0.00	0	0.00	0	0.00
3	Energy	4	8400.00	0	0.00	0	0.00	4	8400.00
4	Healthcare	0	0.00	0	0.00	0	0.00	0	0.00
5	Industrial Infrastructure	10	41231.00	0	0.00	0	0.00	10	41231.00
6	Tourism	7	1432.00	0	0.00	1	32.00	8	1464.00
7	Transport & Logistics	44	36148.79	5	1104.00	3	3006.29	52	40259.08
8	Urban and Municipal Infrastructure	2	144.32	0	0.00	4	108.64	6	252.96
Total		75	88209.84	5	1104.00	8	3146.93	88	92460.77

Silence is deep as eternity; speech is shallow as time - Thomas Carlyle

Airport Projects (1/2)

N o.	Airports	Name of District served	Mode	Date of Commencement	Present Status
1	Bangalore	Bangalore City, Bangalore Rural, Kolar, Tumkur, Chikkaballapura	PPP	24.05.2008	Commissioned
2	Hassan	Hassan	PPP	May 2012	Work Started
3	Shimoga	Shimoga	PPP	Feb 2012	Work Started
4	Bidar*	Bidar	AAI	July 2012	New terminal building constructed. Awaiting MoCA clearances.
5	Bijapura	Bijapur	PPP	17.01.2012	PDA signed on 18.01.2010. Master plan under preparation
6	Mangalore	Mangalore	AAI	Operation commenced	New terminal building commissioned
7	Mysore	Mysore, Mandya	AAI	Commissioned	Commissioned. Operation to start.
8	Hubli	Dharwad	AAI	Operational Airport. The date for II phase operations will finalized after acquisition of additional land	Required additional land is under acquisition

The only difference between stumbling blocks and stepping stones is how you use them - Anon

Airport Projects (2/2)

N o.	Airports	Name of District served	Mode	Date of Commencement	Present Status
9	Belgaum	Belgaum	AAI	Operational Airport. The date for II phase operations will finalized after acquisition of additional land.	Required land has been acquired.
10	Bellary	Bellary	PPP	September 2011	Concessionaire is to be selected. PDA is to be signed.
11	Gulbarga	Gulbarga	PPP	Feb 2012	Work Started

We have a choice: to plough new ground or let the weeds grow - Jonathan Westover

Airstrips Projects

Sl. No.	Category	District	Required land (acres)	Type	Present Status
1	I	Bagalkot, Davangere, Udupi	250	For landing ATR 72	Bagalkot – Master plan ready; Davangere , Udupi – site yet to be selected by DC
2	II	Haveri, Gadag, Karwar, Kollegal	250	Initially the airstrip will be developed for a capacity of 25 seaters aircraft and to expand it later	Gadag – Master Plan ready; Haveri, Karwar, Kollegal : land to be selected by DC's
3	III	Chikmagalur, Kushalanagar, Chitradurga	60	Airstrip will be developed for a capacity of 25 seaters aircraft	Chikmagalur – Master Plan ready. Kushalanagar and Chitradurga – Land to be selected by DC

RAILWAY NETWORK



6/4/2010

All the darkness in the world can't put out the light of one candle - Confucius

16

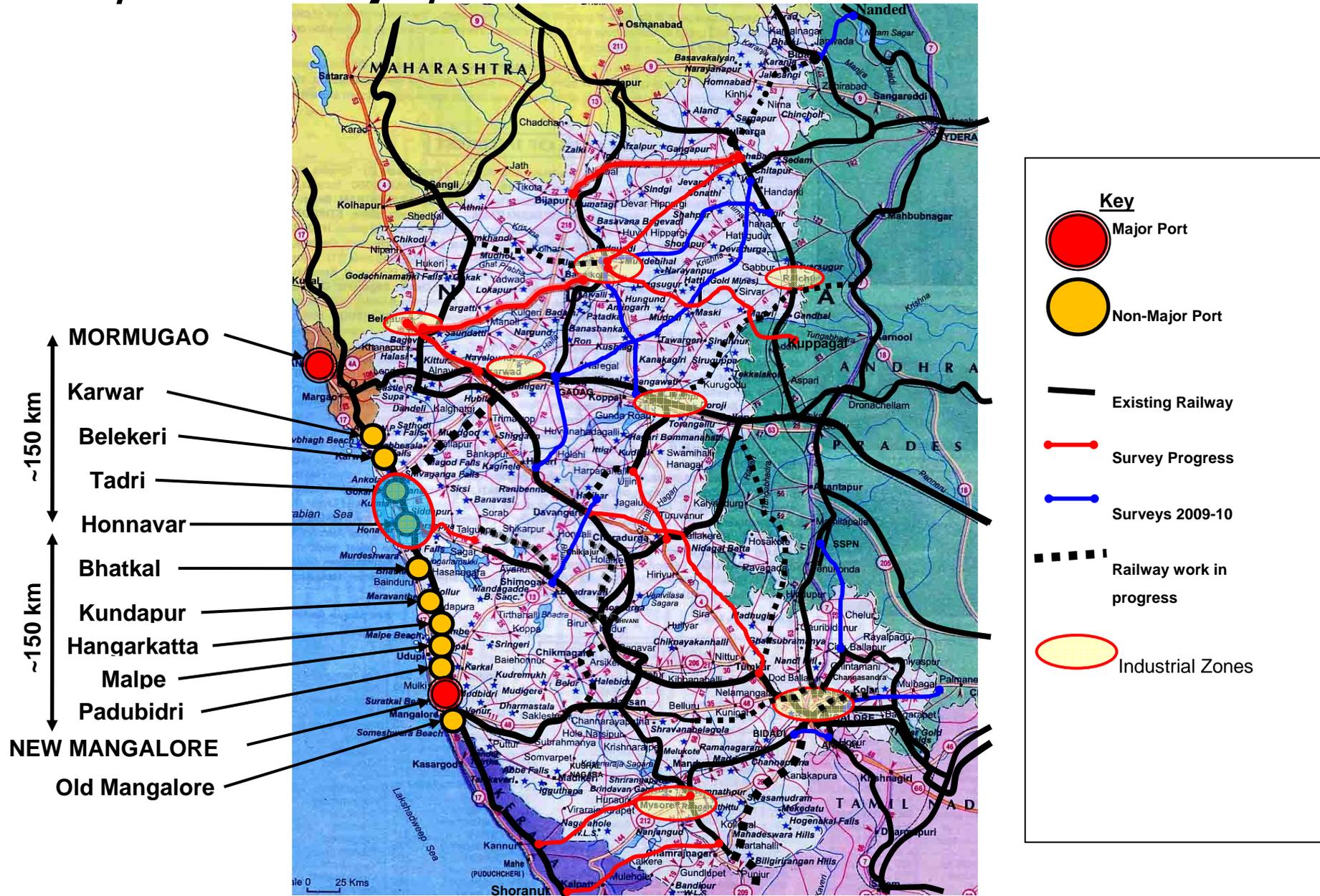
Railway projects in progress



Existing: 3200 km
New: 2421 km

NL: 17 cs:15
GC: 4 cs: 3
DL: 11 cs: 3

Port / Railways/ Industrial Zones



All our dreams come true, if we have the courage to pursue them - Walt Disney

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 diverterred	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.N o.	Type	Share of costs and its agencies						
		GoI		GoK			Total	
		Share Capital	Others	Land	Share Capital	Others	GoI	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

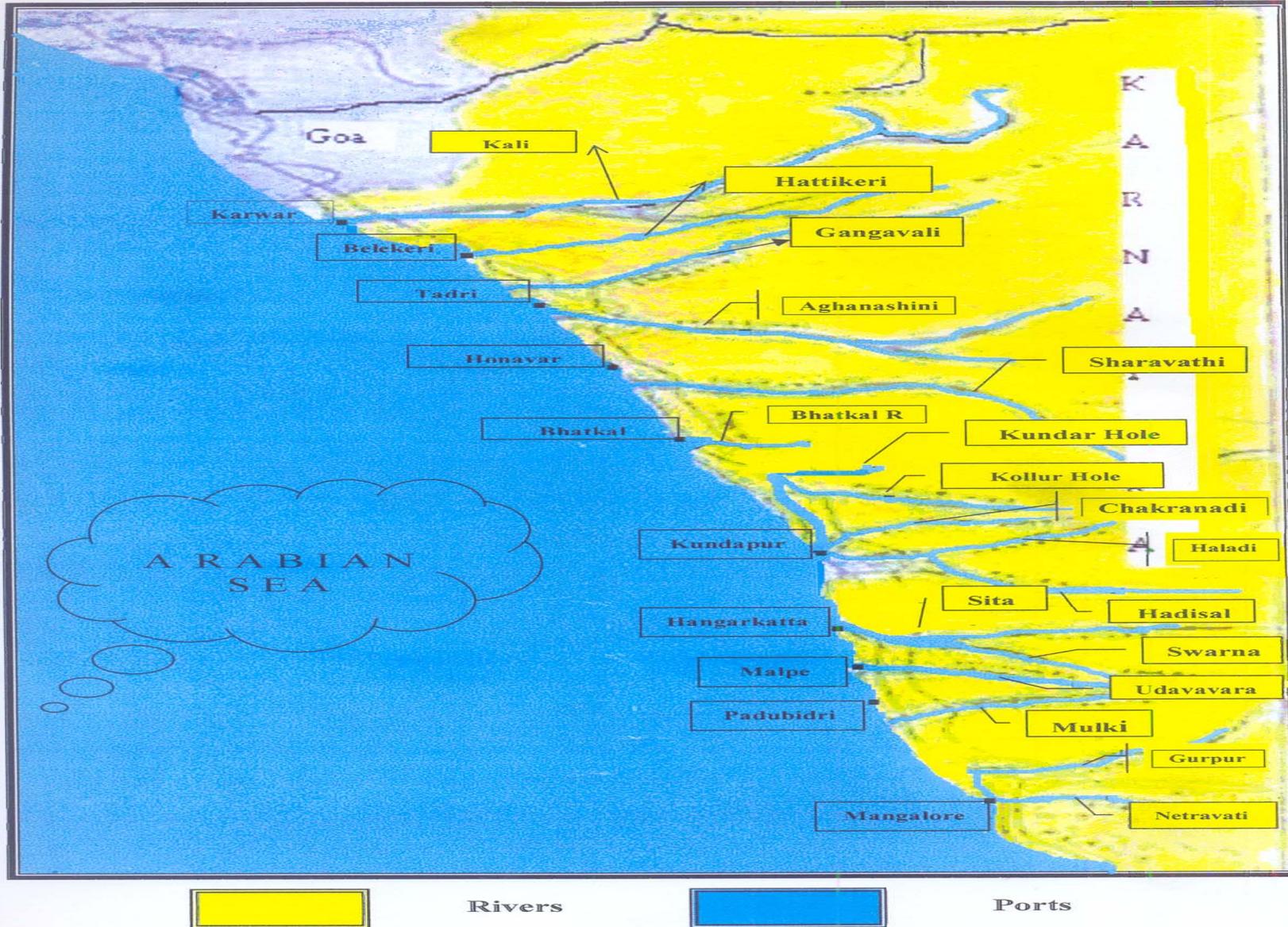
Happy are those who dream dreams and are ready to pay the price to make them come true – Leon J Suenes

PORTS



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

KARNATAKA STATE PORTS



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

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

GAIL (India) Limited

Dabhol – Bangalore Pipeline Project

0



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

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 - let's see something happen now. You can break that big plan into small steps and take the first step right away.- Indira Gandhi

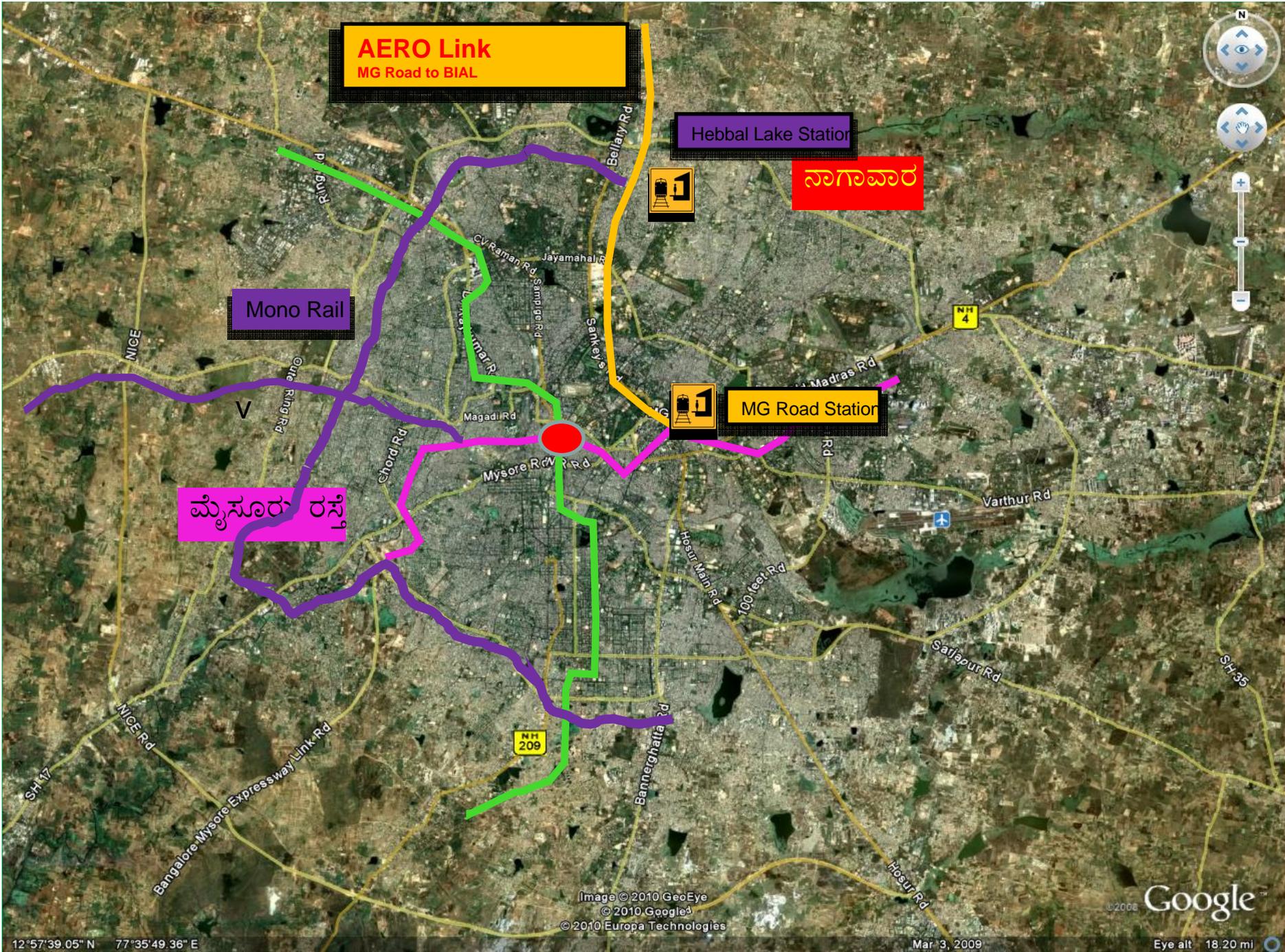
HIGH SPEED RAIL LINK (HSRL) TO BANGALORE INTERNATIONAL AIRPORT

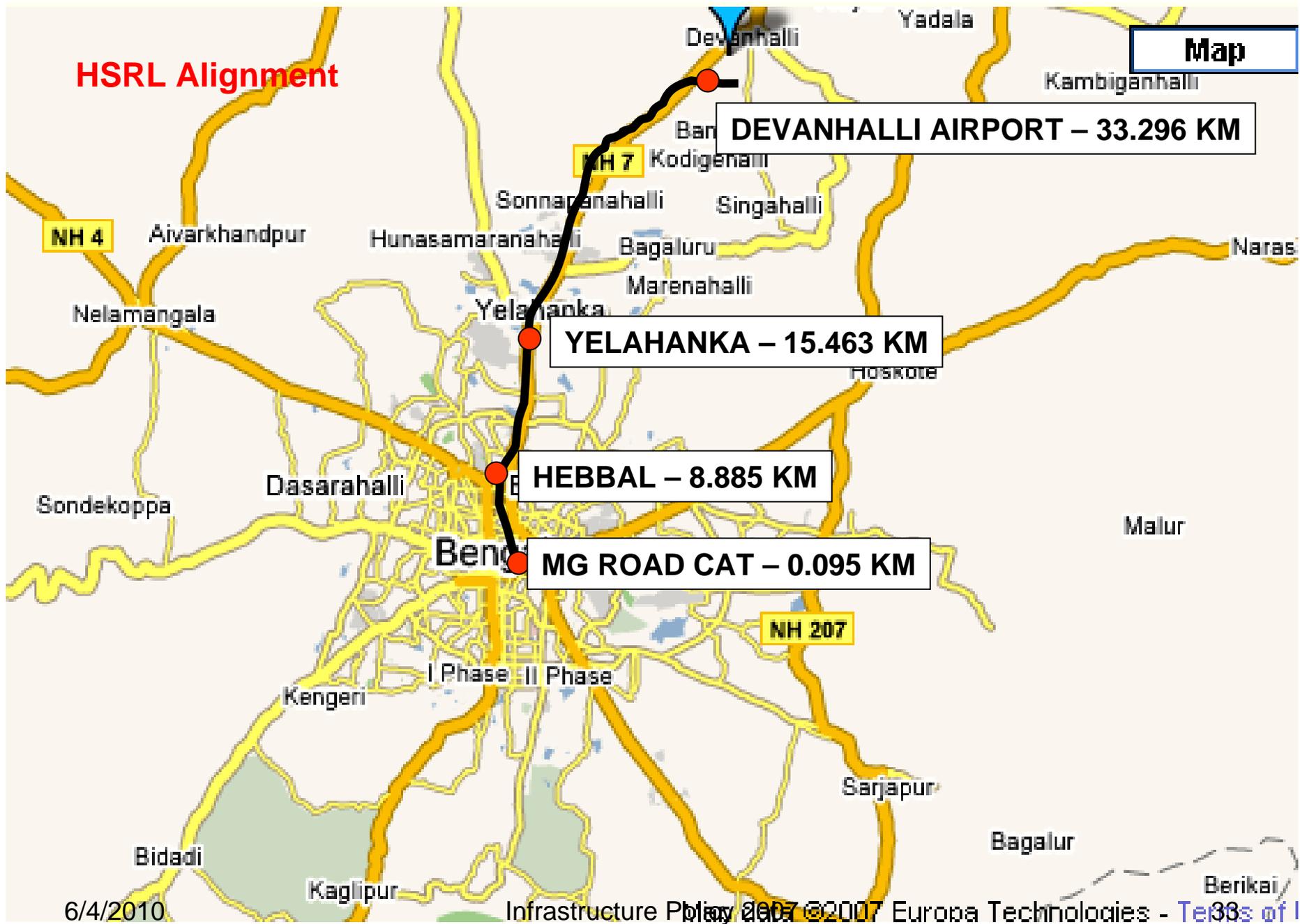


6/4/2010

Infrastructure Policy 2007

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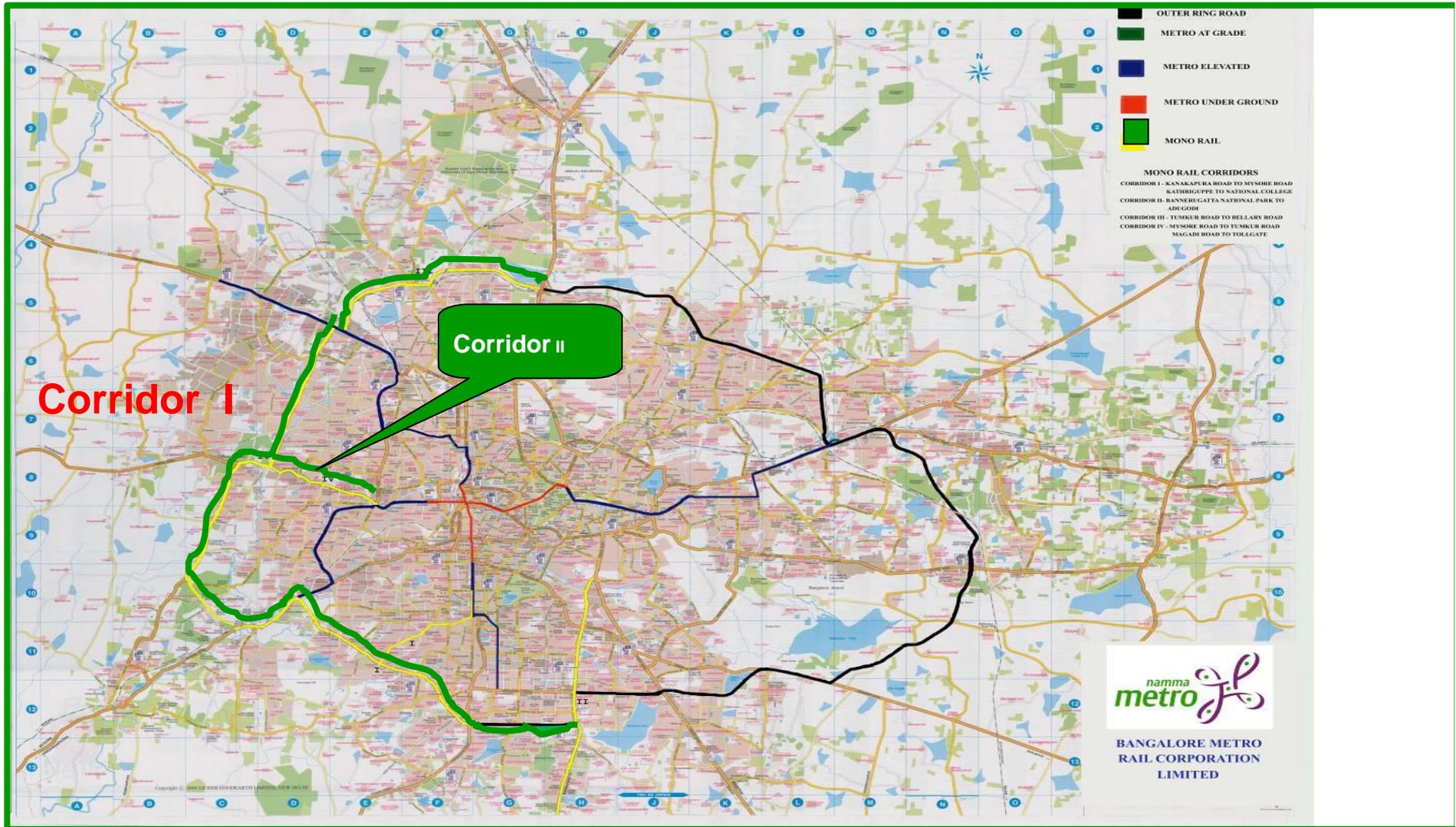




Short Listed Firms

- **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, your work need not be lost; that is where they should be. Now put foundations under them. – Henry David Thoreau



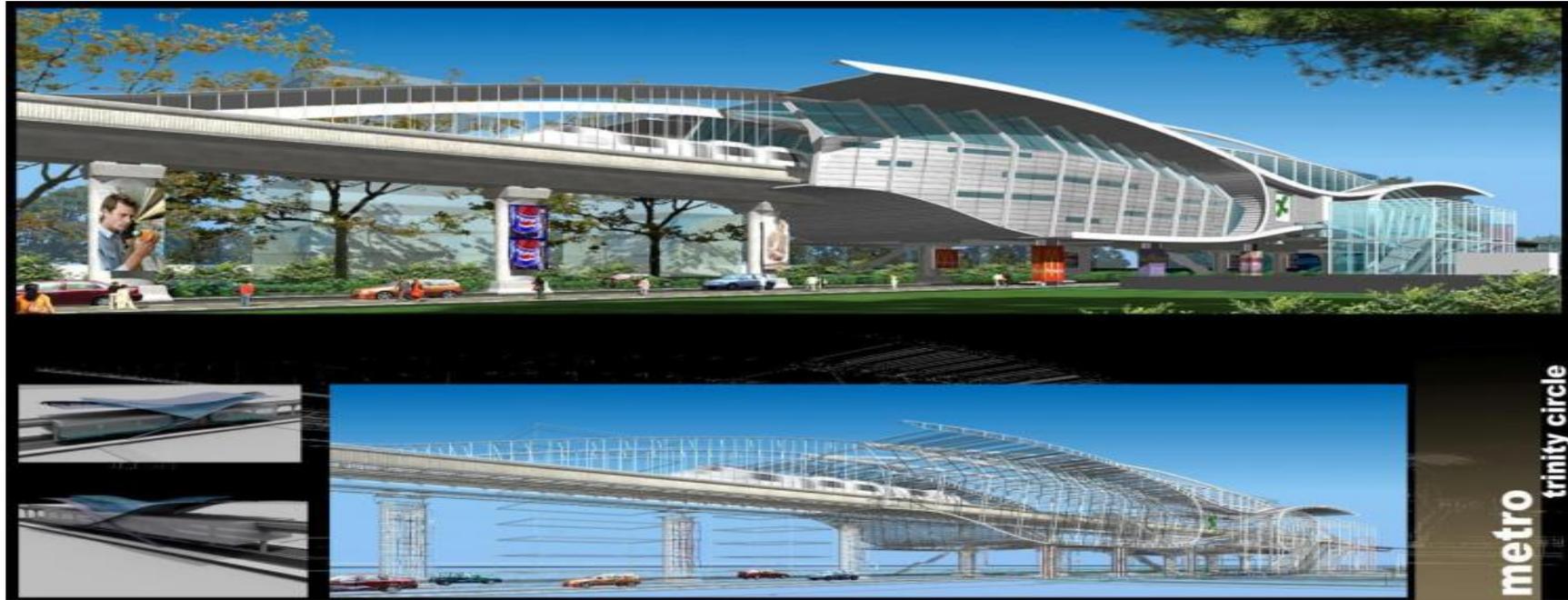


Commuter Rail

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

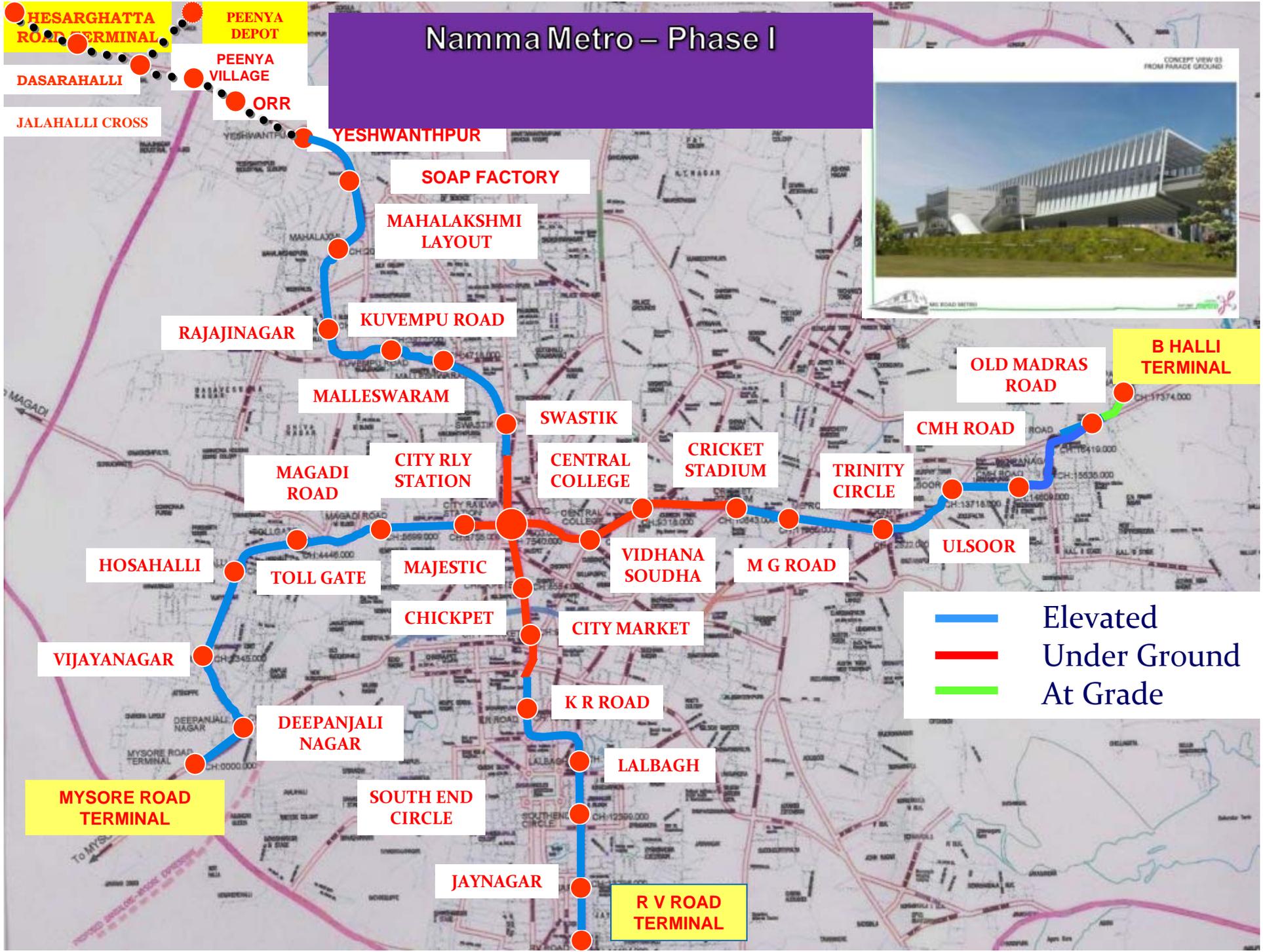
Action to be effective must be directed to clearly conceived ends. – Jawaharlal Nehru

Namma Metro



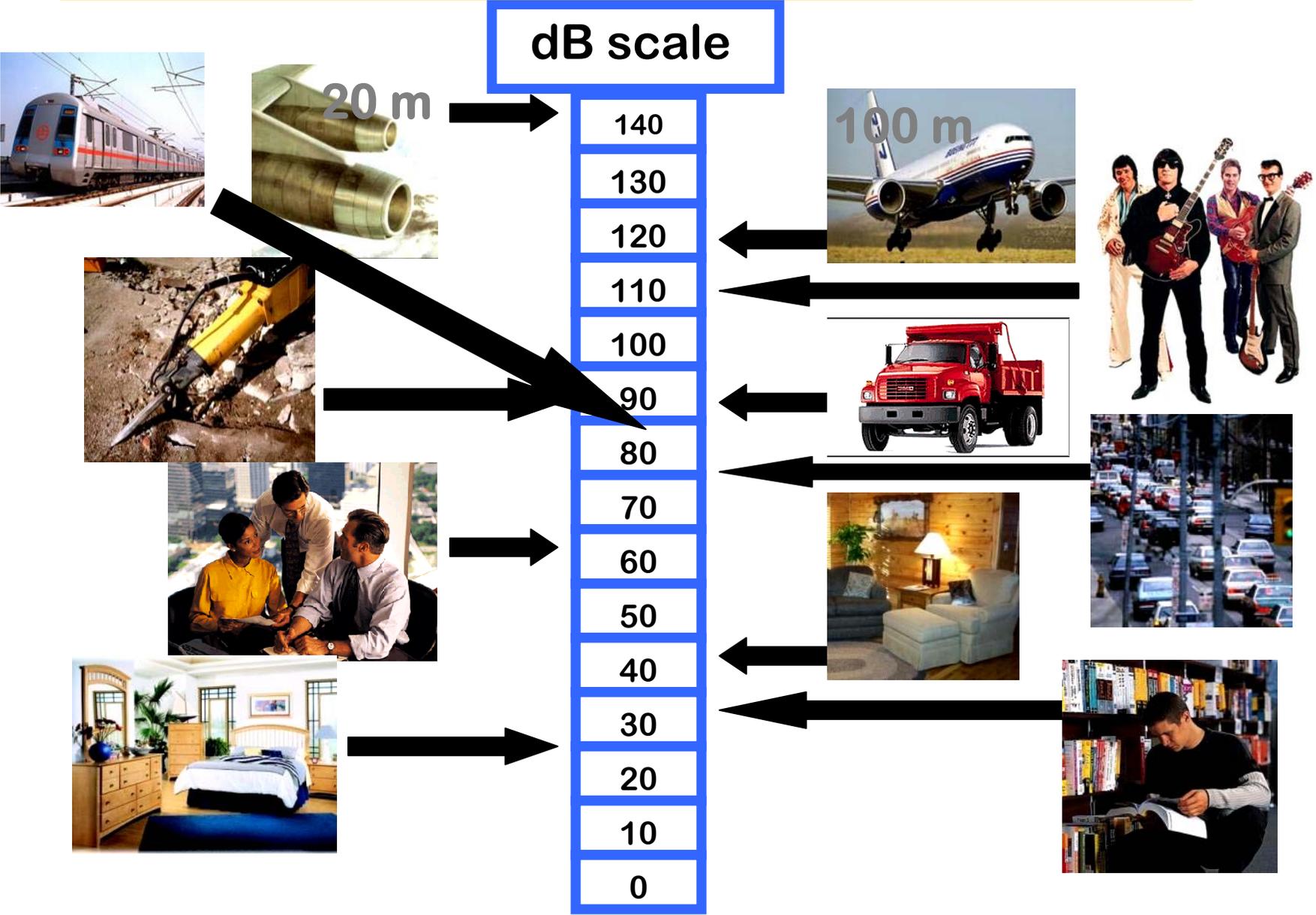
EAST – WEST CORRIDOR	18.10 KMS
NORTH-SOUTH CORRIDOR	14.90 KMS
TOTAL	33.00 KMS
ELEVATED	25.65 KMS
AT GRADE (At Ground Level)	00.65 KMS
UNDERGROUND	6.70 KMS
GAUGE	Standard Gauge
TRACTION	750V dc Third Rail
SPEED	Max 80Kmph ; Avg. 32Kmph
NO. OF STATIONS	32 (24 elevated, 8 UG)
TRAVEL TIME	33 / 28 Mins. (end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

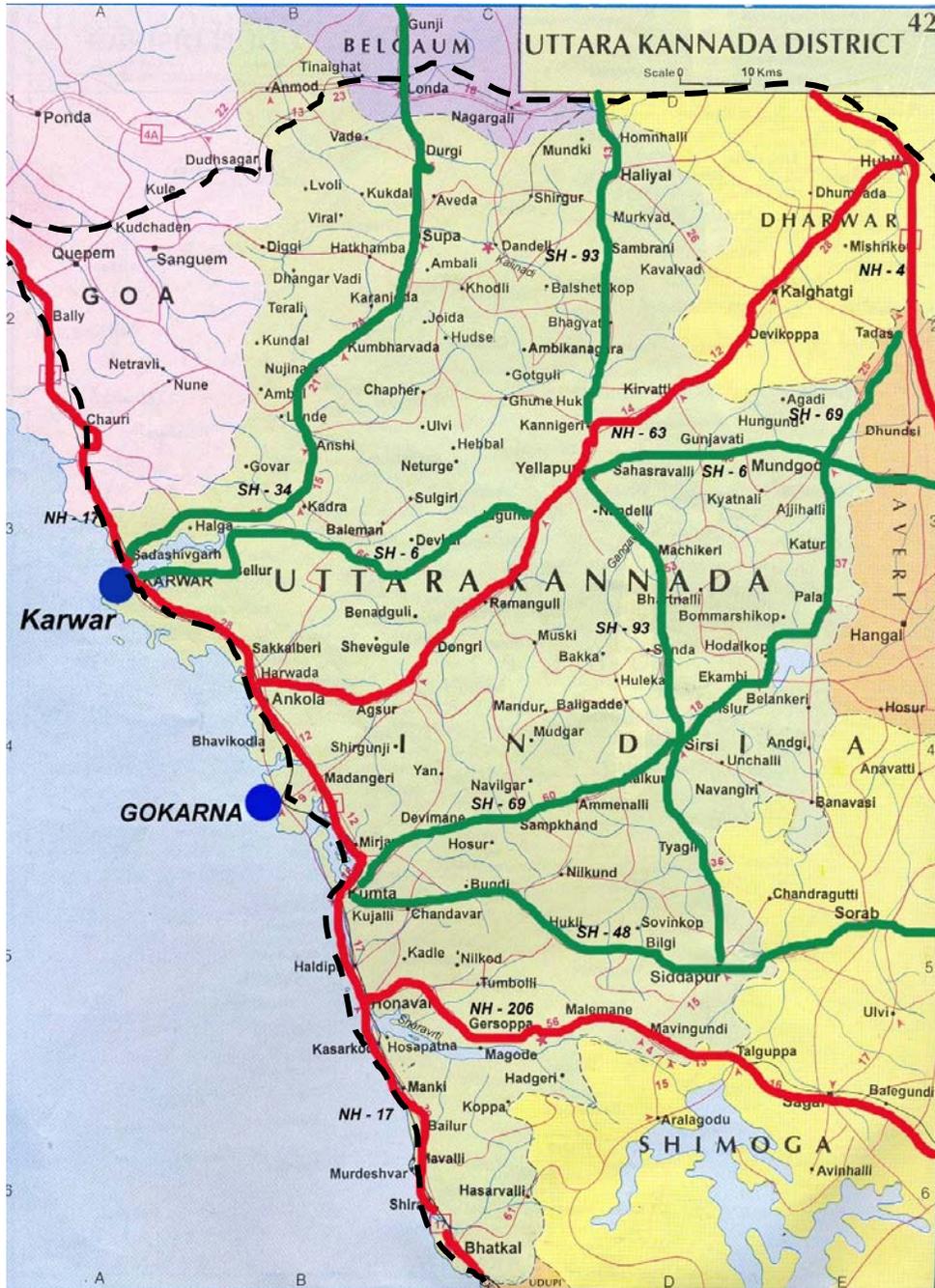
Namma Metro – Phase I



— Elevated
— Under Ground
— At Grade

Levels of Common Sounds





- National Highway
- State Highway
- Railway Line

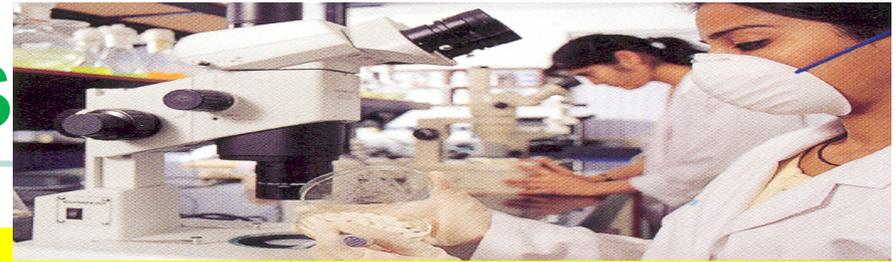
Suvarna Karnataka Development Corridor (SKDC)



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.	



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

Industry zones



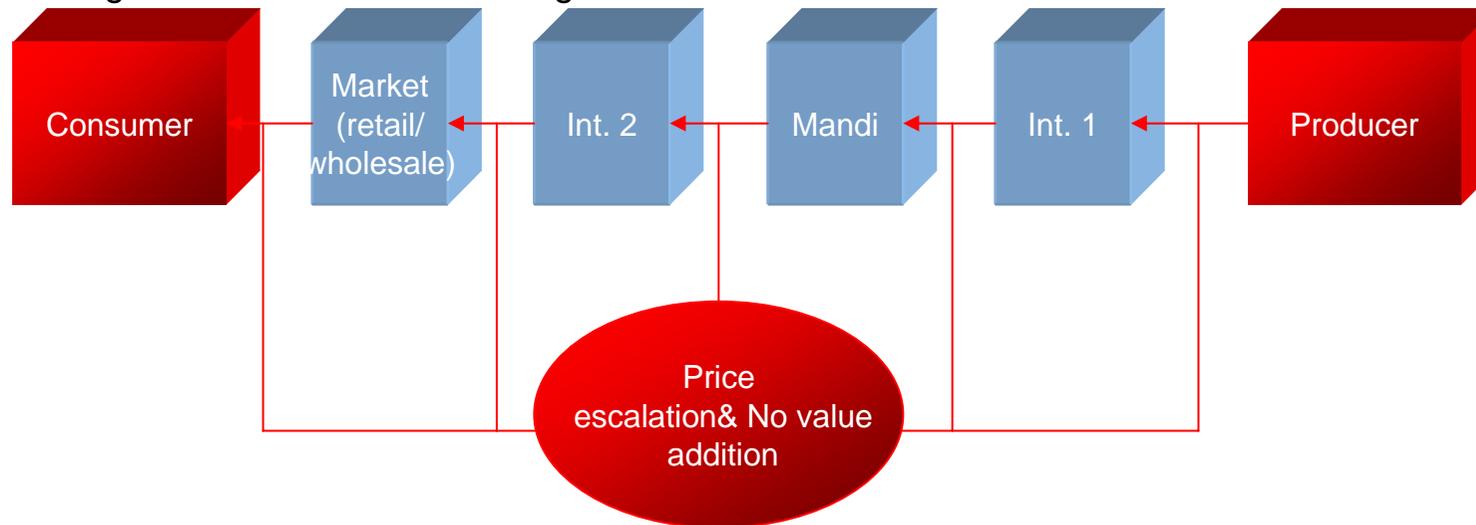
Food Parks

- Food Parks under implementation
 - Malur, Hiriyr, Bagalkot, Jewargi and Chickmagalur
- New Food Parks
 - Shimoga,
 - Bangalore Rural,
 - Tumkur,
 - Davanagere,
 - Belgaum,
 - Bijapur
 - Haveri



Agri-market Value chain

- Agri marketing supply chain prevailing in the state lacks a systematic approach.
- 75 % of the farmers in the state sell their produce at the farm level
 - Inability to go to distant mandis on account of lack of facilities
 - Expensive and inefficient transportation system
 - Malpractices at each level of value chain
- Long and detrimental marketing channel

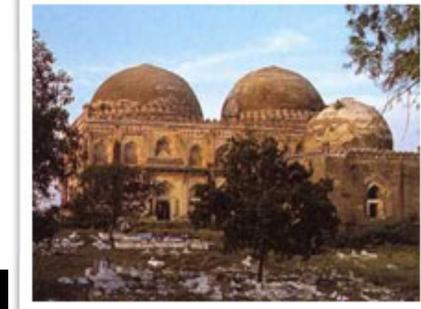
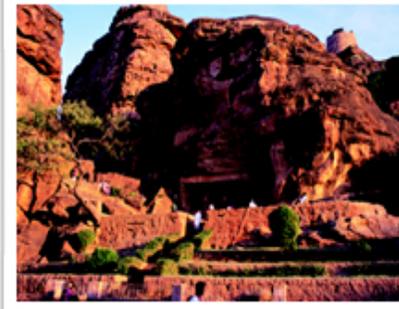


Need for Integrated operations

- To minimize the involvement of intermediaries in the supply chain
- To avoid wastage of primary agricultural-horticultural produce in all stages namely pre-harvest and post-harvest
- To tap the full potential of the rich bio-diversity of the state
- To encourage technology up-gradation in all stages of food production
- To reduce marketing risks faced by farmers
- To provide high quality front end infrastructure facilities: warehouses, cold storages, storage facilities, food processing facilities and other value added services



Tourism Projects in Karnataka on PPP Format



KARNATAKA

PPP Projects in Tourism

- **PPP Projects - Tourism**

- No of Projects – 16 Nos
- Value Rs 1621 Crs

Theme park,
Cultural centre,
Entertainment
Golf Course
Aquamarine Park
Tourist Train Facilities

- **PPP Projects - Heritage Projects**

- No of Projects – 39 Nos Identified
- Project preparation



Location details : 18 – hole Golf Course at Mangalore



Imagination and fiction make up more than three quarters of our real life

- Simone Weil

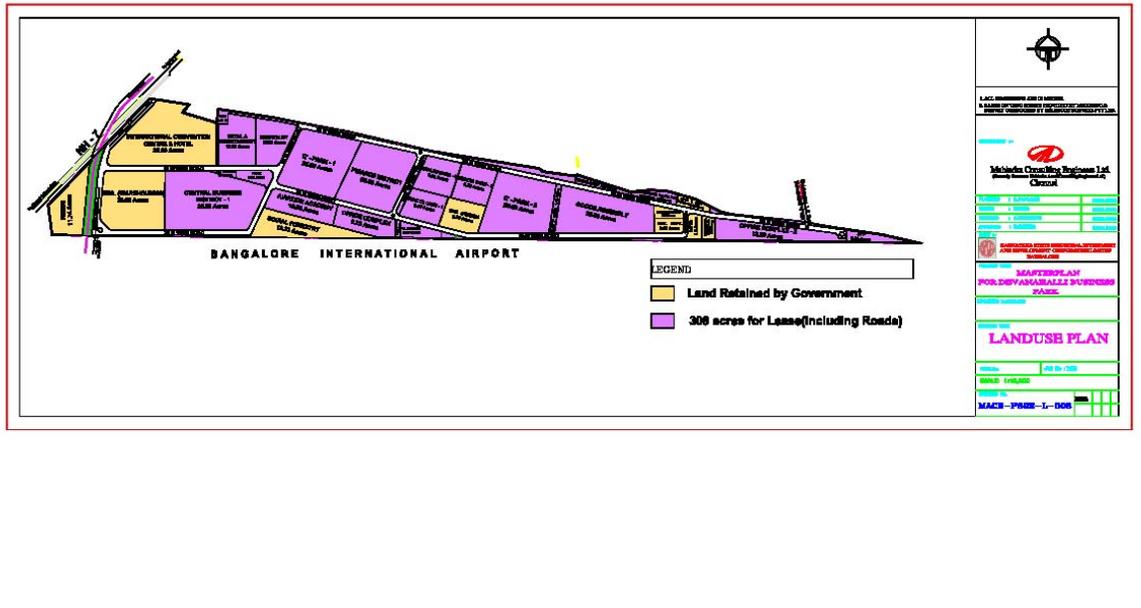
Tourism Circuit Development - Project Packages

Package	location
Package I	Jog Falls
	Agumbe
	Banavasi
Package II	Badami
	Pattadakal
	Aihole
Package III	Belur
Package IV	Bijapur
Package V	Gokarna

Devanahalli Business Park (DBP): 413.65 Acres

- Land for BIA, surplus due re-alignment of runway and hence retained by KSIIDC
- Market Study & Business plan by Jones Lang LaSalle Meghraj (JLLM), Utility Master Plan by Mahindra Consulting Engineers (MACE)
- Suggested Land Use Plan approved by GoK on 14.05.2008
- Retained for Govt. Agencies: 83.24 Acres
- Power Sub-Station & Social Forest: 21.34 Acres
- For Development on PPP basis: 309.07 Acres
(Commercial Devpt: 217 Acres, Roads & Utilities: 92.07 Acres)
- Total 413.65 Acres
- KSIIDC shall lease 309 acres to private sector developer for 30 yrs with automatic renewal for another 30 yrs.
- Developer can sub-lease certain portion of 309 acres to other developers and shall develop roads & utilities for DBP as a whole
- EoI advert. approved by GoK, is published in leading newspapers on 15.09.08

Devanahalli Business Park



KEY PROJECTS

SI No	Name of the Project	Project cost (Rs Crore)	Relevance	Status
1	Bellary Airport	140	Connectivity Steel City- Fast growing region	Project Development Agreement to be signed
2	High Speed Rail Link	6689 (completion cost)	Connects City to Airport - BIAL	RFP Stage; Bid by 12/08/2010
3	Sea Port at Tadri (35 MT expandable to 114 MT)	3000 Phase - I	To serve the Cement, Steel & auto Region	RFQ issued on 15th Apr; Response by – 30 June 2010 (Pre-bid on 05/06/2010)
4	Sea Port at Haldipur (19MT- Swiss Challenge Project- MEL)	1900	To serve the Cement, Steel & auto Region	DPR under Progress; Bid by Dec 2010
5	Monorail Project in Bangalore- Corridor- 31 Km	5600	To serve as feeder to Metro	DPR under process

KEY PROJECTS

SI No	Name of the Project	Project cost (Rs Crore)	Relevance	Status
6	Monorail Project in (Swiss Challenge-15KM- SCOMI-GEODESIC)	2100	To serve as feeder to Metro	DPR Stage Bid likely by end June or July 2010
7	Mega Power Projects (Three projects of 700MW each)	10500	To meet the Karnataka's Power needs	Gas based: PCKL-2100 MW (Feasibility study done) Belgaum, Gadag, Davangere; Bid by June 2010 KPCL-1400 MW;
8	Gas Pipeline Project	7000 by GAIL	From Dhabhol-Bangalore	Under implementation; COD by Mar 2012.
9	City Gas distribution		Green Field Development	Feasibility Underway; Likely to be taken up in 12 towns/ cities along the Gas pipeline.

KEY PROJECTS

SI No	Name of the Project	Project cost (Rs Crore)	Relevance	Status
10	Railway projects (2421 KM) (1362 km - under progress +1059 km - newly sanctioned)	14000	To improve connectivity to ports, Industrial Zones.	1362 kms of Rail works under implementation. In 2010-11, 9 projects have been approved . Out of this for 5 projects GoK has approached Railways for sanction on PPP: <ol style="list-style-type: none"> 1. Hubli- Ankola, 2. Talaguppa- Honnavar, 3.Kudchini- Bagalkot, 4.Bijapur- Shahbad, 5.Dharwad- Belgaum. DPR ready for first three.
11	Roads (general)	3500	1600 km	NIT by Jun/July 2010 (partly issued)

KEY PROJECTS

SI No	Name of the Project	Project cost (Rs Crore)	Relevance	Status
12	SH-69 & NH 63 – Roads to Ports	1600	Connectivity to ports	SH-69: Feasibility under examination; NH-63: NHAI- preparing feasibility report
13	SH- 132 Road	160	26 Km	Under Procurement
14	Logistics Architecture in Karnataka for fruits and Vegetables	680	To serve Karnataka's horticulture and provide both backward and forward linkages	Feasibility Study done in respect of Belgaum, Bijapur, Gadag, Dharwad and Bagalkot
15	Food Parks	100		Mid Tender stage in respect of Bangalore Rural, Tumkur, Shimoga, Davanagere, Bijapur, Haveri and Belgaum Districts

KEY PROJECTS

SI No	Name of the Project	Project cost (Rs Crore)	Relevance	Status
16	VADA- Industrial Infrastructure	30345	State - of - the Art Industrial Park over 500 Sq Km in Bellary	Feasibility done; RFQ by June / July 2010
17	Convention Centre at Devanahally (Tourism)	1050	Will be the largest in	Bid Process completed
18	Other Tourism Projects	1621	Tourism circuits, Golf Course, Aquamarine, etc.,	Partly under bid
19	Logistic Park at	154 (Phase - I)	Transportation, storage and Logistics in	Feasibility & DPR Stage
20	Business	9500	Business Hub by the side of the fastest growing Airport- Bangalore	RFQ by end June 2010

KEY PROJECTS

SI No	Name of the Project	Project cost (Rs Crore)	Relevance	Status
21	Intermodal Terminal HUBs in		(6 in 1 in Mangalore); To provide seamless interchange	Feasibility Study done for Peenya, Yeshvantpur, Yelahanka, Mysore Road, Majestic & Bayappanahalli
22	Airstrips at Raichur, Gadag, Bagalkot and Chikkmangalur	145	Air connectivity to Districts	PPP Annuity – Bid in June 2010

Change will not come if we wait for some other person or some other time. We are the one's we've been waiting for. We are the change that we seek. – Barack Obama

Initiatives

- **Standardised**
 - **Bidding Documents**
 - RFQ
 - RFP
 - **Model Concession Agreements**
- **Approval Mechanism**
 - **SWA established**
 - **SLHCC**

What we need is more people who specialise in the impossible – Theodore Roethke

Infrastructure- *Requirements*

- **Enabling Policy and Regulatory Framework**
- **Long-term equity and debt**
- **Capacity to manage the PPP Process- VFM, Public Sector Comparator**
- **Shelf of credible, bankable Projects**
- **Private Sector capacity to invest in projects**
- **Acceptance among the stakeholders**

Issues in PPP

- **Size of Infrastructure investment- 20.5 Lakh Cr in 11th plan**
- **(GOI-40:SG-30:Private-30)**
- **Perceptions & Attitudes of Governance- the three arms**
- **Regulatory Framework**
- **Risk Sharing- Political & Commercial risks**
- **Monopoly in PPP- Art 12/ RTI/ CAG**
- **Fourth Estate**
- **Gap in funding- IRR for private sector**
- **Micro- management Vs Macro- management**
- **Dynamic Concession period**
- **Sustainable Infrastructure**

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Every ceiling, when reached, becomes a floor, upon which one walks as a matter of course and prescriptive right. – Aldous Huxley

SWISS CHALLENGE

- Clause 29 of the Infra '07 policy
 - Innovative/ *suo moto* Proposals
- Procedure
 - Proponent Submits proposal for Prelim examination
 - Provide 'approval to proceed' with studies
 - Submits a DPR with output based specification
 - Project Bid out
 - Original proponent has first right of refusal if Bid Value within 15%

Central Assistance- VGF

- **PPP project should be from-**
 - Roads, Sea ports, airports, inland waterways, Power, Urban transport, water supply & sewerage, solid waste and other physical infrastructure
 - Infrastructure in SEZ
- **Government Support**
 - VGF not to exceed 20% of the total project cost- Land cost
 - Government or statutory entity can top up with another 20%

Incentives & Concessions

- A. Facilitation:
 - Land to be acquired if required
 - Clearances
 - Provision of water & power
- B Asset based Support
 - Land would be acquired
 - Allowing Commercial development
 - Develop critical linkage Infra

Incentives & Concessions

- C. Tax Concessions:
 - Entry & Spl Entry Tax on Machinery, Equipments & Construction materials- Limited to 25 Lakhs & 3 years
 - Stamp duty on land transfer in Zone I(100%0, II(50%)
 - Conversion fine- same pattern as above
- D. Take or pay Guarantee
- E. VGF

Deliverables by Government

- Clearances
- Land Acquisition
 - Compensation payment
 - Market value of land
 - Replacement value of building
- Resettlement & Rehabilitation
 - Dislocation allowance
 - Allocation of proportional as
 - ***Share in the new project ?***



Support Systems to Line Depts

- **PPP Cell**
 - Sector gap Study
 - Project Identification
 - Project Development
 - Transaction Management
 - Project Implementation
 - Monitoring
 - Capacity Building-
 - **Projectisation**
- **iDeck, KIPDC, KESOL, Transaction Advisers**



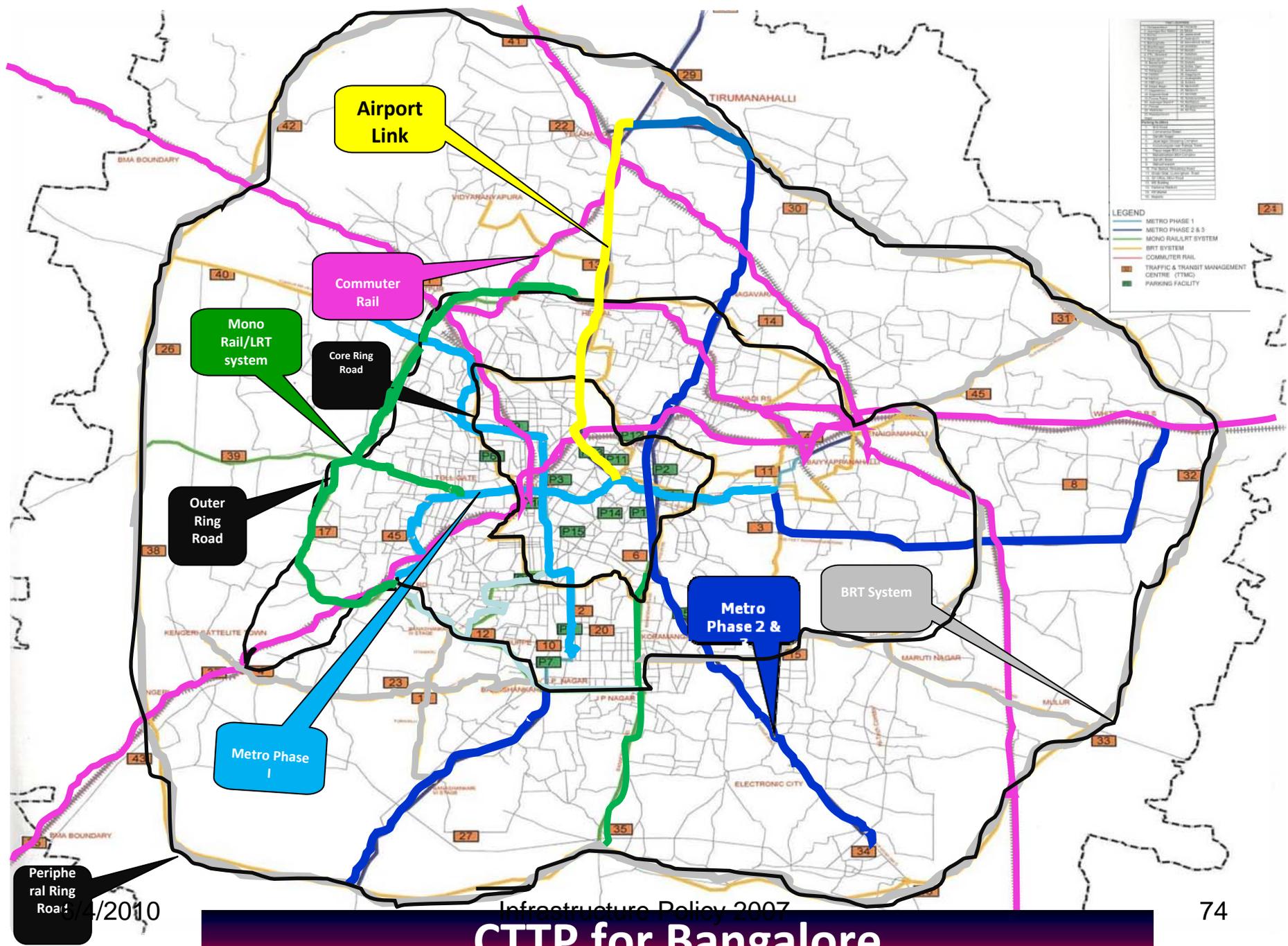
PPP approach supplements scarce public resources, creates a more competitive environment and..improve efficiencies and costs – Dr. Manmohan Singh





Infrastructure Policy 2007

*Make no judgements where you have no compassion -
Anne Mccaffrey*



Infrastructure Policy 2007

CTTP for Bangalore



NAMASKARAGALU