



STATE OF JHARKHAND

Presentation

on

ANNUAL
STATE PLAN

2011-12

FEATURES

- **SINCE CREATION (Nov 2000) STATE WITNESSED 9 COALITION GOVERNMENTS Incl. 2 SPELL OF PRESIDENT RULE**
- **VERY HIGH INCIDENCE OF LEFT WING EXTREMISTS ACTIVITIES (18 District under SRE & 14 under IAP)**
- **HIGH FOREST COVER & TERRAIN NOT CONDUCTIVE TO AGRICULTURE**
- **TRADITIONALLY NEGLECTED AREA – REASON FOR CREATION**
- **NO PRI DURING LAST 32 YEARS – NOW IN PLACE**
- **PRESENCE OF INDUSTRY & MINING AREA – NEGATIVE EXTERNALITIES**
- **LARGE NUMBER OF INCOMPLETE IRRIGATION SCHEMES IN LEGACY FROM BIHAR**
- **POWER GENERATING UNITS TRANSFERRED TO STATE ON RE-ORGANIZATION- MOSTLY OF 1960's - RUSSIAN ORIGIN**

Jharkhand is a mineral rich state but

- ❑ Mining contributes only 14.29 % to GSDP and employs 2.25 % of workers.
- ❑ Manufacturing contributes 27.3% to GSDP and employs 9.80 % of the workers
- ❑ Agriculture contributes 13% to GSDP and employs 60 % of the workers.

The state has a high incidence of rural poverty 46.2% second only to Orissa. (National 28.3)



OUTLAY /EXPENDITURE (2007-11) (Rs. in crore)

Year	Outlay	Exp	%
2007-08	6676	5706.34	85.48%
2008-09	8015	6866.17	85.67%
2009-10	8200	6513.28	79.43%
2010-11	9590	8378.49	87.37%
TOTAL OF Ist 4 Yrs	32481	27464.28	84.55 %

ISSUES RAISED BY HON'BLE DY. CHAIRMAN

AGRICULTURE

Indicator	Jharkhand	National
Forest Cover	29.61%	23.57%
% Share of Agriculture to GSDP at Constant (1999-2000) prices	13.16%	17.8%
Fertilizer Consumption of Plant Nutrient per unit of Gross Cropped Area (Kg/ha)	67.0	113.42
Cropping Intensity (%)	116.90	135.1

Low productive agriculture leading to low income in rural areas

AGRICULTURE

- **Cultivable land available 47.6% & Net Sown Area 29.63 %**
- **Consecutive droughts in 09-10 & 10-11 resulting in gross reduction in crop coverage & production**
- **Against Normal coverage of 28.46 L Ha, Actual Coverage in 09-10, 18.44 L Ha & 10-11, 17.57 L Ha respectively**
- **Contributing to low growth rate of 1.84%**

STRATEGY FOR AGRICULTURE SECTOR

- **RKVY, NHM, EXTENSION OF SECOND GREEN REVOLUTION IN EASTERN INDIA,ETC**
- **INTEGRATED WATERSHED DEVELOPMENT PROGRAMME**
- **HYV SEEDS DISTRIBUTION**
- **SRR INCREASED FROM 14% to 26% (TO GO TO 33%)**
- **SRI FOR RICE CULTIVATION INTRODUCED**

STRATEGY FOR AGRICULTURE SECTOR

- **DRYLAND FARMING OF PULSES, MILLETS, MAIZE & OILSEED PROMOTED.**
- **WASTE LAND - RECLAMATION UNDER MNREGA**
(CASHEW NUT PRODUCTION GOING ON OVER 7000 HA OF WASTE LAND)
- **ADDITIONAL LAND UNDER ASSURED IRRIGATION THROUGH CONVERGENCE OF MNREGA, MLA SCHEMES, IAP, MINOR IRRIGATION, RKVY etc.**
- **MICRO-IRRIGATION - UNDER MISSION MODE.**
- **SOIL AMENDMENT PROGRAMME**
- **MANIFOLD EXPANSION OF AIBP & SUBSTANTIAL INCREASE IN IRRIGATION OUTLAY – FROM 430 Cr TO 1550 Cr IN 2011-12**

EDUCATION

- **93 % OUTLAY SPENT (OUTLAY-1067 Cr) DURING 2010-11**
- **SAAKSHAR BHARAT PROGRAMME – TO REDUCE GENDER LITERACY GAP**
- **100 % COVERAGE WITH 4.1 MILLION CHILDREN UNDER MDM**
- **FREE BICYCLE TO ALL GIRL STUDENTS OF GRADE- 8**

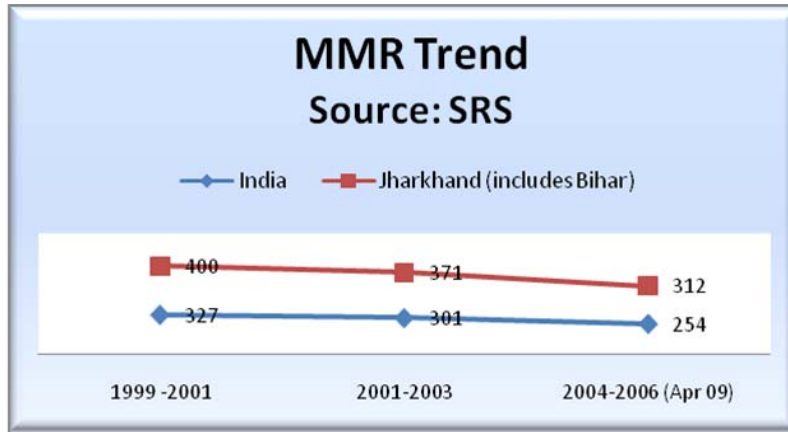
EDUCATION (Cont..)

- **SPECIAL PROGRAMME FOR QUALITY EDUCATION IN MADARSA**
- **HIGH DROP-OUT RATE IN CLASS 1— FOCUS ON PRE-SCHOOL EDUCATION – CONVERGENCE WITH ICDS, SPECIAL 3 MONTHS PROGRAMME FOR CLASS 1 STUDENTS**
- **RECRUITMENT OF 18000 TEACHERS ON**
- **INTENSIVE TEACHERS TRAINING – IGNOU / NATIONAL OPEN SCHOOL INVOLVED**
- **CUMMULATIVE & COMPREHENSIVE EVALUATION**

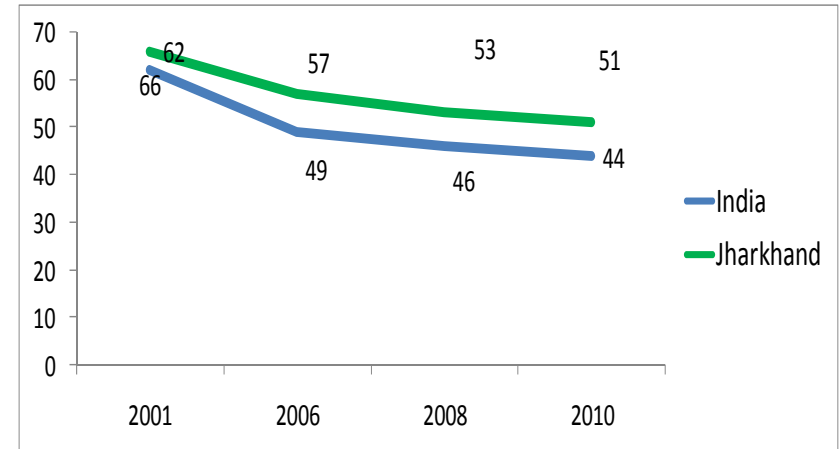
HEALTH

- INDICATORS BEHIND NATIONAL AVERAGE – SUBSTANTIAL IMPROVEMENT SINCE INCEPTION.
- IMR REDUCED TO - 44 from 76
(Better than National average)
- FULL IMMUNIZATION INCREASE FROM 8.8 TO 59%
- MMR REDUCED TO 312 from 400
- INSTITUTIONAL DELIVERY INCREASED FROM 13% To 40%

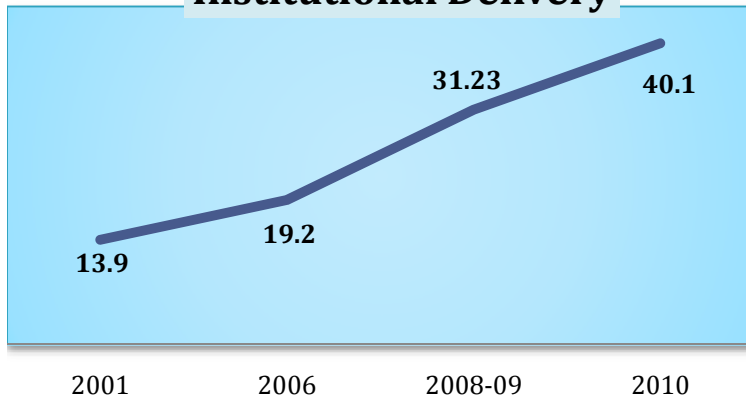
Maternal Mortality Rate



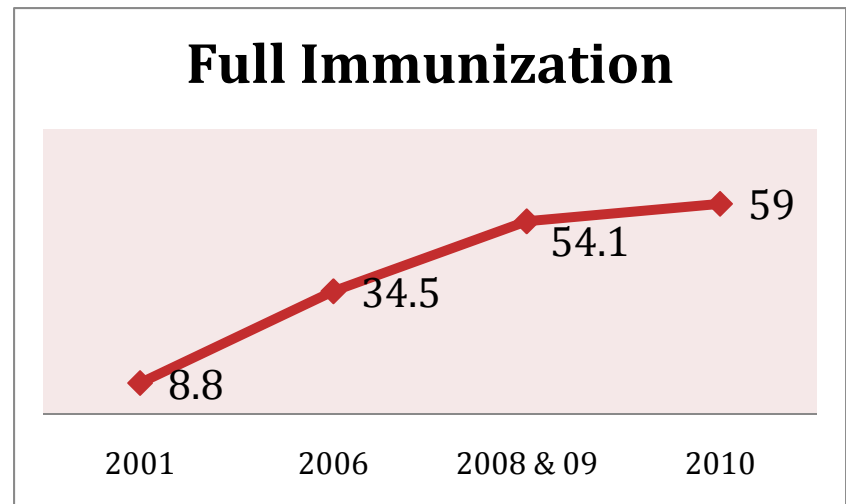
Infant Mortality Rate



Institutional Delivery



Full Immunization



HEALTH (cont.)

- Health outlay increased from 385 cr to 647 cr.
- 188 CHCs (Block PHCs) are equipped with referral transport. **MAMTA VAHAN**
- 146 Ambulances are also supporting through various NGOs/ Missionary Hospitals.
- 66 MMUs providing specialist services in hard to reach and unserved areas through NGO under PPP mode & 37 New MMU being operationalised.

HEALTH (cont.)

- 4134 Health Camps for Hard to reach areas & 1944 Special Health Camps for Primitive Tribal Group (PTG) organized.
- Scaling up of the ***500 Delivery Huts*** in Tribal Area and formation of Waiting Room
- 48 Mal-nutrition Treatment Centre established; 10 this year proposed
- **School Health Programme - focus on anemia and malnutrition**

SKILL DEVELOPMENT

- **JHARKHAND SKILL DEVELOPMENT MISSION - ESTABLISHED IN 2009 – HRD NODAL DEPT.**
- **XLRI JAMSHEDPUR ENTRUSTED FOR DOING SKILL GAP ANALYSIS & ACTION PLAN**
- **24 ITI's & 121 ITC FUNCTIONAL**
- **GOJ IMPLEMENTING PLAN FOR SETTING UP 1 ITI IN EVERY SUB-DIVISION (36) & ONE WOMEN ITI IN EVERY DISTRICT (24) & 1 ITI IN MOST LWE AFFECTED BLOCKS.**
- **63 ITI BLDG. UNDER CONSTRUCTION UNDER STATE PLAN**
- **MSDP (6 DISTRICTS) & TFC FUNDING (50 X 4 = 200 Cr) WILL BE UTILIZED**
- **STATE TO PROVIDE LAND & BLDG. – OPERATIONALIZATION ON PPP MODE – POLICY FINALISED**

S&T

- **The Jharkhand Council on S & T to formulate a Vision document**
- **District Science Centre at Ranchi opened in collaboration with National Council of Science Museum**
- **'The Jharkhand Technical University (Establishment and Operation) Bill, 2011' – PASSED**
- **3 Engineering College under state sector at Dumka, Chaibasa & Ramgarh – Under Construction**
- **Construction of 17 Polytechnics in No-polytechnic District under the Centrally Sponsored Scheme of MHRD, GoI**
- **Transfer of existing and new Polytechnics to the Private Sector under PPP to promote linkage between technical educational institutes and industry**

ENVIRONMENT

- **COMPREHENSIVE ENVIRONMENTAL POLLUTION INDEX (CEPI) OF INDUSTRIAL CLUSTERS – 6 IN JHARKHAND**
- **DHANBAD , WEST SINGHBHUM, JAMSHEDPUR , SARAIKELA, RAMGARH, BARA-JAMDA.**
- **COALMINE, TPP, REFRACTORIES, STONE CRUSHER , SPONGE IRON, IRON ORE, CEMENT PLANT, INTEGRATED STEEL PLANTS & MUNICIPAL WASTE – MAIN POLLUTERS**
- **INDUSTRIALIZATION & MINING – NEGATIVE EXTERNALITY**
- **JSPC BOARD WITH CPCB WORKING ON ACTION PLAN**

Aadhaar

- RDD is registrar for Rural Area and UDD is registrar for Urban Area.
- **Rural Area:**
 - Enrolment started in 22 out of 24 districts. Tender of 2 districts in progress.
 - Time frame for completion of work 2 years.
 - Total Enrolments - 8.33 lakhs
 - Total Aadhaar No. generated - 3.36 lakhs
- **Urban Area:**
 - Time frame for completion of work is 9 months



Capturing of Finger Print & Iris

Jharkhand Power Scenario at a Glance with respect to Nation

Description	Nation	Jharkhand	Remarks
Per Capita per annum Energy consumption	670 units	267 Units	1200 units in Delhi, Gujrat, Punjab
Installed Capacity	1,42,000 MW	1320 MW	<1 % of Nation
Population	113 Crores	3.30 Crores	3 % of Nation

GENERATION

Status of the ongoing schemes (2010-11) at PTPS

Sl. No.	Scheme	Revised Estimated Cost (Rs. In Cr.)	Present status
1	Restoration of Unit no. 9 & 10 at PTPS	331.11	75% work of unit no. 10 has been completed and 50 to 60% work of unit no. 9 has been completed.

**Work Plan for 2011-12 for improvement in Generation from
PTPS Units**

Unit#	Installed Capacity (in MW)	Derated capacity (in MW)	Vintage	Estimated cost of revival (Rs. in Crores)
1	50	40	1966	10.00
2	50	40	1967	10.00
4	50	40	1969	05.00
6	100	90	1972	65.00
7	110	105	1977	266.00
Sub Total				356.00

**Work Plan for 2011-12 for Other Maintenance, Augmentation
& Renovation of SRHP**

Sl.No	Particulars	Estimated cost of revival (Rs. in Crores)
Other Maintenance & Augmentation Work		
1	Renovation of DM Water Plant, Renovation of Railway Track, Augmentation of Switchyard at PTPS	40.00
2	R & M of SRHP, Sikidiri 2 x 65 MW (including renovation of Water Conductor System)	20.00
3	Pollution Control Measures at PTPS	50.00
4	Balance of Plant including R&M of cooling towers and other works	34.00
Sub Total		144.00
Grand Total		500.00

Generation (cont.)

- **500 cr planned for 2011-12. (Incl. 350 Cr under BRGF-State Sector)**
- **R & M by JSEB.**
- **Project feasible –**
 - **Average power purchase cost of JSEB Rs. 2.77**
 - **Generation cost from PTPS Rs 2.5**
- **EXPANSION OF PTPS & TVNL UNDER PPP MODE**

TRANSMISSION

- On 1/4/2001, 18 nos. of Grid Sub-Station and 1818 KMs of transmission lines were functional.
- 08 nos. of new Grid Sub-Stations and 398 KM of transmission line added
- 03 nos. of Grid Sub-Stations are also ready to be commissioned.
- One no. of Grid Sub-Station at Simdega and 05 nos. of transmission line of 258 KM are under construction.

ACTION PLAN (Transmission)

- **Strengthening of existing transmission Capacity**
- **Addition of Grid Sub-Stations in different load centers and transmission lines**
- **Rs. 1567.00 Cr proposal prepared for construction of 11 GSS and 20 associated Transmission lines with augmentation of 02 nos. of GSS.**

Proposed Transmission Projects (F.Y. 2011 – 12)

Sl. No.	Name of Grid Sub-Stations	Capacity (MVA)	Tentative Cost (Rs. In Crores)	Target
1	400/220 kV GSS Patratu	2 x 315	85.00	18 Months
2	220/132/33 kV GSS at Govindpur	2 x 150 + 2X50	88.76	18 Months
3	220/132/33 kV GSS at Chaibasa	2 x 150 + 2X50	94.90	18 Months
4	220/132/33 kV GSS Chatra	2 x 150 + 2x50	94.90	18 Months
5	220/132 kV GSS at Dumka	2 x 150	87.02	18 Months
6	220/132 kV GSS at Daltonganj	2 x 150	87.00	18 Months
7	220/132 kV GSS at Latehar	2 x 150	87.00	18 Months
8	132/33 kV GSS at Manoharpur	2 x 50	78.84	18 Months
9	132/33 kV GSS at Mango	2 x 20	46.90	18 Months
10	132/33 kV GSS at Madhupur	2 x 50	47.95	18 Months
11	132/33 kV GSS at Ramchandrapur	2 x 50	57.61	18 Months
a	Addition of 150 MVA Transformer at Hatia-II	1 x 150	9.74	12 Months
b	Addition of 50 MVA Transformer at Namkum	1 x 50	5.52	12 Months
Total			871.14	

Sl. No.	Name of Transmission Lines	Tentative Cost (Rs. In Crores)	Target
1	400 kV D/C P.T.P.S.-Ranchi (PGCIL)	59.09	18 Months
2	220 kV D/C TTPS-Govindpur	83.09	18 Months
3	220 kV D/C Dumka –Govindpur	75.07	18 Months
4	220 kV D/C Dumka –Rupnarainpur	53.72	18 Months
5	220 kV D/C Ramchandrapur- Chaibasa	31.42	18 Months
6	220 kV D/C Hatia –Ranchi (PGCIL)	31.42	18 Months
7	220 kV D/C P.T.P.S.-Chatra	53.72	18 Months
8	220 kV D/C Chatra -Latehar	53.72	18 Months
9	220 kV D/C Daltonganj – Daltonganj (PGCIL)	13.33	18 Months
10	220 kV D/C Chaibasa –Chaibasa (PGCIL)	6.67	18 Months
11	132 kV D/C Simdega –Manoharpur	50.11	18 Months
12	132 kV D/C Ramchandrapur- Jadugoda	29.29	18 Months

Sl. No.	Name of Transmission Lines	Tentative Cost (Rs. In Crores)	Target
13	132 kV D/C Chaibasa –Manoharpur	46.52	18 Months
14	132 kV D/C Jadugoda –Dalbhumgarh	13.28	18 Months
15	132 kV D/C Ramchandrapur –Mango	12.00	18 Months
16	132 kV D/C Jamtara –Madhupur	22.67	18 Months
17	132 kV D/C Hatia –Kanke	22.67	18 Months
18	132 kV S/C Hatia –Namkum (3 rd Ckt.)	22.67	18 Months
19	LILO of 132 kV Goelkera – Rourkela at Manoharpur	13.13	18 Months
20	LILO of 132 kV Chandil –Golmuri at Mango GSS	02.00	18 Months
Total		695.59	
Grand Total		1566.73	

- **Rs. 600 Cr. proposed in 2011-12 State Plan including Rs. 450 Cr under BRGF (State sector)**

Road Infrastructure -Jharkhand Vs National

SH & MDR i.e., Road length excluding NH & Rural Road	Total Road length in Km	Road Length in Km per 1000 Sq Km
Net SH/MDR added since creation -1480 km		
Jharkhand	6880	86.28
National	599662	182.40

PLAN FOR ROAD SECTOR

- **To bridge gap with National Average, Road-Density of SH/MDRs must be improved considerably.**
- **Around 7660 Km of rural and other roads need to be upgraded to SH/ ODR category**
- **1535 Cr required additionally every year for consecutive five years**

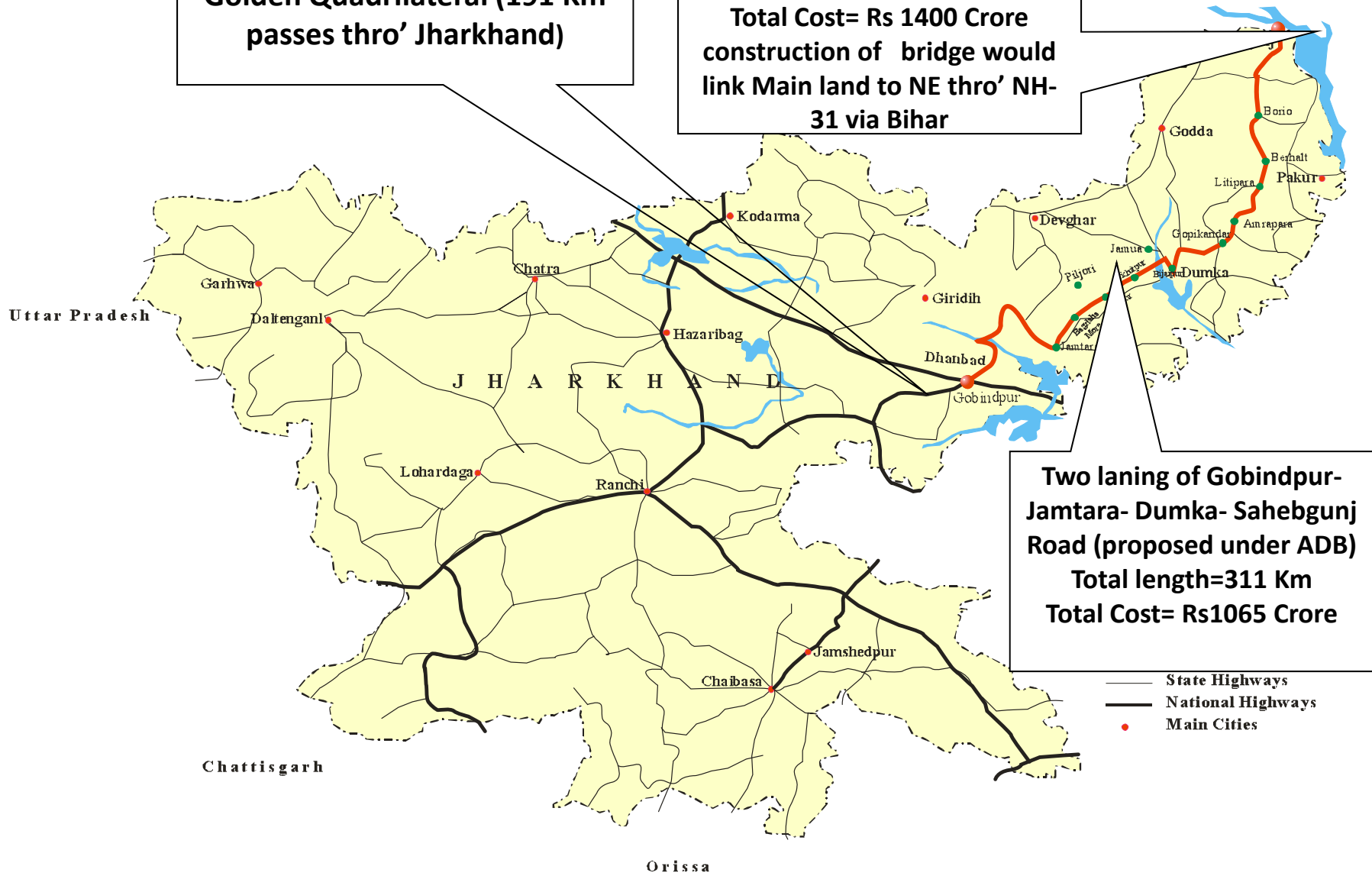
PLAN FOR ROAD SECTOR (cont.)

Ganga Bridge at Sahebganj

- **In-principle approval for a Bridge (length-4700 M) on river Ganga at Sahebganj given**
- **Tentative Cost- Rs 1400 Cr**
- **construction of bridge would link North East through NH-31 in Bihar and would be an alternative corridor.**

**4 lane NH-2. It is a part of
Kolkata- New Delhi leg of
Golden Quadrilateral (191 Km
passes thro' Jharkhand)**

**Bridge over Ganga river at
Sahebgunj Ghat
Total Brige length=4700 M
Total Cost= Rs 1400 Crore
construction of bridge would
link Main land to NE thro' NH-
31 via Bihar**



**Two laning of Gobindpur-
Jamtara- Dumka- Sahebgunj
Road (proposed under ADB)
Total length=311 Km
Total Cost= Rs1065 Crore**

- State Highways
- National Highways
- Main Cities

NEED FOR BRGF IN ROAD

- SH/ MDR/ODR Resource Gap - 1535 Cr
- Ganga Bridge at Sahebganj –350 Cr (ANUALLY)
- =====
- Total Gap - 1885 Cr
- State Resource - 1200 Cr

BRGF STATE SECTOR PROPOSED – 500 Cr

TRANSPORT (RAILWAYS)

- MAXIMUM REVENUE TO RAILWAYS FROM JHARKHAND FROM MOVEMENT OF GOODS
- 6 PROJECTS WERE SANCTIONED

– TOTAL INITIAL COST-	1997 Cr
– ESCALATED COST -	3400 Cr
– RAILWAYS -STATE'S share	33%:67%

- STATE HAS RELEASED MORE THAN ITS ORIGINAL SHARE AMOUNT OF 1200 Cr (1317 Cr)

TO COMPLETE THE SCHEMES, SHARE BE REDUCED TO 50 – 50 and ADDITIONAL 200 Cr PROPOSED UNDER BRGF – STATE SECTOR.

PROPOSED PLAN

2011-12

Outlay for 2011-12

- Proposed Outlay - 15300 Cr.
 - Allocation to TSP - 7660.42 Cr.
 - Allocation to SCSP - 1521.66 Cr.

STATE PLAN - JHARKHAND -- 2011-12

Rs in Crores

FR ASSESED BY PLG. COMM.

13576.56

“ACA” REDUCED DRASTICALLY

		PROPOSED BY STATE	ASSESSED BY PL. COMM	DIFFERENCE (-)
AIBP		1200.00	432.99	767.01
JnNURM		463.00	145.49	317.51
	SUB-TOTAL	1663.00	578.48	1084.52
BRGF STATE SECTOR		1500.00	00.00	1500.00
	TOTAL	3163.00	578.48	2584.52

AIBP

- 7 Medium Irrigation Projects
Sanctioned under AIBP - 677.75 Cr
- Swarnrekha Multi-purpose Project
Approved by AIBP TAC - 6613.37 Cr
- Minor Irrigation Projects
Sanctioned under AIBP - 473.83Cr
- Total Project Cost - 7764.95 Cr
(Over 4 Yrs Max)
- Less Already released/ State Share
/ Already spent by State - 2915 Cr
- Net requirement - 4849 Cr
(Over 4 Yrs)
- Annual Requirement - 1200 Cr

JNnURM

- Total Project Sanctioned by GOI : 1694.10 Cr
- Central Share Component : 1068.41 Cr
- Total Central Share released till date : 260.08 Cr
- Grant Due : 808.33 Cr
- Proposed for 11-12 : 463 Cr
- **Planning Commission FR : 145.99Cr**

- State is committed to Policy reforms (In process)

ASSISTANCE to BIHAR (UNDER BRGF – STATE SECTOR)

Head	Total	2011-12	2010-11	2009-10	2008-09	2007-08
Irrigation	858.00	400.00	200.00	48.00	110.00	100.00
Energy	3352.25	876.39	940.00	376.00	585.00	574.86
Road Construction	3686.73	1176.61	854.23	570.75	790.00	295.14
Forestry /Horticulture	71.02	15.00	5.77	5.25	15.00	30.00
	7968.00	2468.00	2000.00	1000.00	1500.00	1000.00

BRGF (State Sector) Total 1500 Cr

Type of Scheme	Annual Plan 2011-12
	(Rs. In crore)
	Proposed Outlay
A. Energy	800
1. R&M of PTPS and R&M of SRHP, Sikidiri	350
2. Transmission	450
B. Roads & Bridges	500
1. Bridge over River Ganges at Sahebganj	500
2. Widening & Strengthening of State Highways	
C. Transport	200
1. Railway Projects	200
Total	1500

One Time ACA

2006- 07	2007- 08	2008- 09	2009- 10	2010- 11	2011-12
24.5	15.0	15.0	16.5	40	40*

*** Proposed for completion of 59 Block buildings**

THANK YOU