

GEF-UNDP-WB assisted
Sustainable Urban Transport Project (SUTP)
INDIA

SUTP Peering Event **11.11.11**

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Introduction

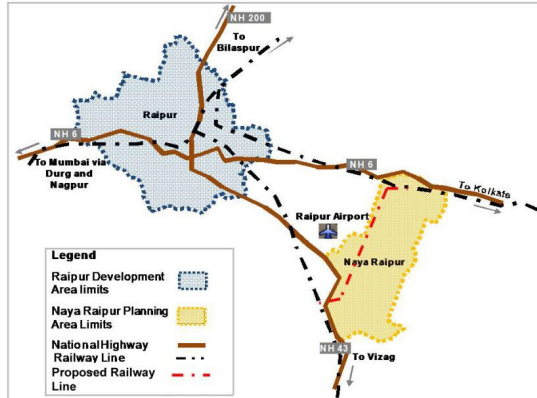


- Naya Raipur is being developed in green-field area, as a Capital City for the State of Chhattisgarh, to decongest the present day capital city of Raipur.
- It shall be the engine of growth for the region

Introduction Cont'd...



- The planning areas of Raipur and Naya Raipur are not contiguous but are separated by rural areas, and farm land.
- BRTS, being developed under SUTP, shall facilitate connectivity between Raipur and Naya Raipur and within Naya Raipur.

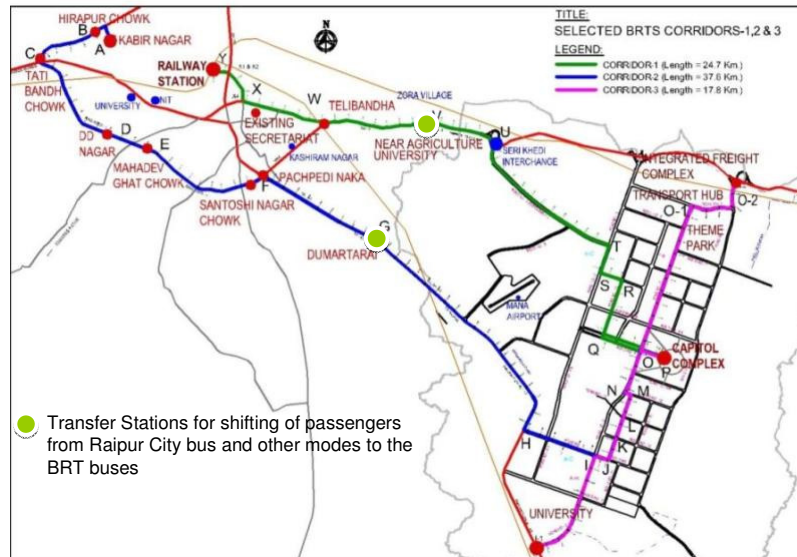


Introduction Cont'd...



- In absence of public transport system from the beginning, smaller, informal para-transit services shall fill the space and it will be very difficult to replace those at later stage.
- A bus based efficient, reliable, affordable transport service from the beginning would curtail use of personal vehicles and other modes of para-transit;
 - Thus reducing congestion, decreasing emission of greenhouse gases and providing equitable accessibility

Introduction Cont'd...



Introduction Cont'd...



Bus Route	Corridor Length (KM)	Origin / Destination in Raipur	Linking roads	Origin/ Destination in Naya Raipur
Corridor 1	26	Railway Station	Raipur City Roads, NH6, Expressway	Capitol complex
Corridor 2	38	Kabir Nagar	Ring Road no. 2, NH6-Ring Road, NH43	Capitol complex
Corridor 3	18	--	Within Naya Raipur	

Implementation Challenges



□ Co-ordination with multiple agencies:

- Raipur Municipal Corporation
- Transport Department, Government of Chhattisgarh
- General Administration Department, Government of Chhattisgarh
- Traffic Police, District Administration and Police Department
- National Highway Authority of India
- Housing Board, Government of Chhattisgarh
- Indira Gandhi Agriculture University
- Chhattisgarh Infrastructure Development Corporation Limited
- Indian Railways

Implementation Challenges



Cont'd...

□ Ridership Estimation:

- Naya Raipur is a green-field development, there is no established traffic demand, hence there is no traffic data available
- Ridership estimation was done by identifying potential traffic nodes and in-depth analysis of development under implementation and in pipe-line for a horizon of 5 years;
- It is to be reviewed and updated time to time

Lessons Learnt



□ Dynamic nature of urban transport project:

- Urban transport projects are dynamic in nature, growth patterns and modal share are organic;
- It is necessary to collect and analyse the data frequently and revise service and operation plan accordingly

Showcase Project in Transport



□ Unified Metropolitan Transport Authority (UMTA) for Greater Raipur Area (GRA), comprising of following cities:

- Naya Raipur
- Raipur
- Bhilai
- Durg

Showcase Project in Transport



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- An approach paper and draft legislation for constitution of UMTA for Greater Raipur Area has been prepared with the assistance of the World Bank
- The constitution has been approved by the State Government, in principle; notification is under process
- Legislation for UMTA is under process
- **Dedicated Urban Transport Fund:** NRDA has constituted dedicated urban transport fund with effect from April 01, 2010

Showcase Project



- **Land Procurement: The framework of participatory development – a key to Success...**
 - Naya Raipur is being developed in 8013 Ha., 79% of which is private land
 - From inception to site selection and from planning to development, at every stage transparent and consultative decision making process has been adopted
 - Decision taken to purchase land, through negotiation and wide consultations, as far as possible, instead of acquiring under the Land Acquisition Act

Showcase Project

Cont'd...



Rehabilitation policy with better entitlement matrices framed and implemented –

- Land for horticulture/ floriculture or utility shops or residential plot, free of cost
- Families of any village, which need to be relocated on account of development works of the NRDA, are provided new houses in a residential colony developed by NRDA within 5 kms distance from their existing homes.
- Special benefits are also provided to the project affected landless labourers and non-title holders.

Showcase Project

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- In addition, stamp duty is exempted for sale of the land and the project affected persons are also exempted from paying Stamp duty, if they purchase any property within three years from the date of registration of the sale deed of the project land.

Showcase Project

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- A committee under the Chairmanship of District Collector, having two elected representatives of the Project area, and representative of NRDA constituted to determine the market rates of assets on the land.
- The principle adopted for determining the value of buildings is based on the market rate of land and the depreciated value of building.
- Land procurement rates and compensation for replacement costs are reviewed and increased from time to time

Showcase Project

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- A hassle-free system is in place for registration of the sale deed of land and payment of compensation.
- Special camps are organised every week on a given day and the compensation is paid across the counter, immediately after the registration, by account-payee cheques.
- A grievance redressal committee is in place, regular meetings held
- **About 70% of private land has been purchased and a village relocated by mutual consent.**

Showcase Project

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Land being the basic input for any development and people being the ultimate beneficiaries, without their participatory involvement no sustainable development is possible ...



Thank You