# Managing Urban Rivers : Planning to Practice Kanpur Experience

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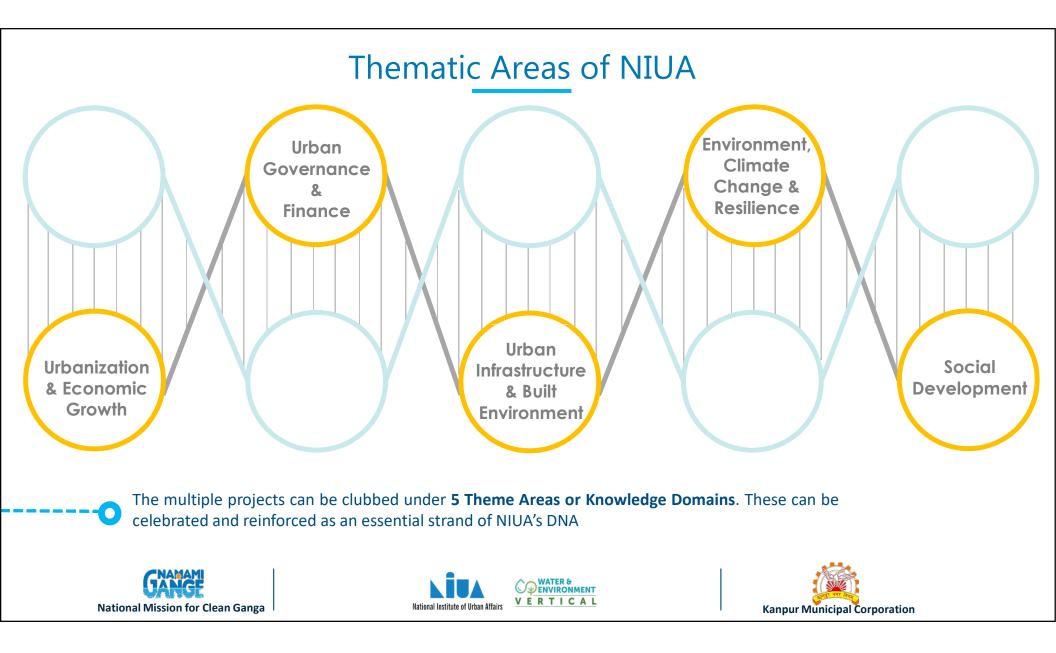
## Saturday 24 September, 1:00 PM



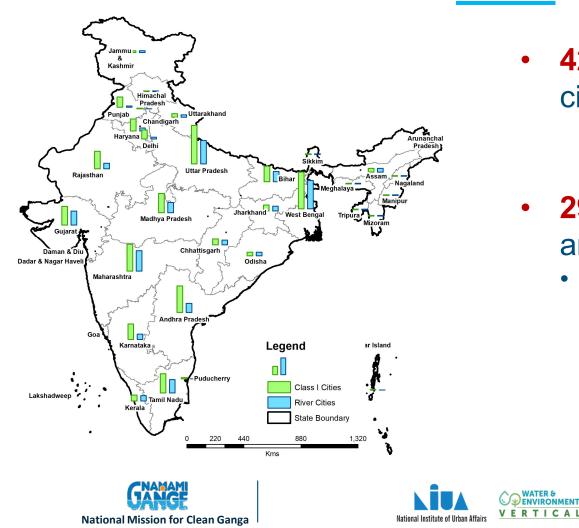






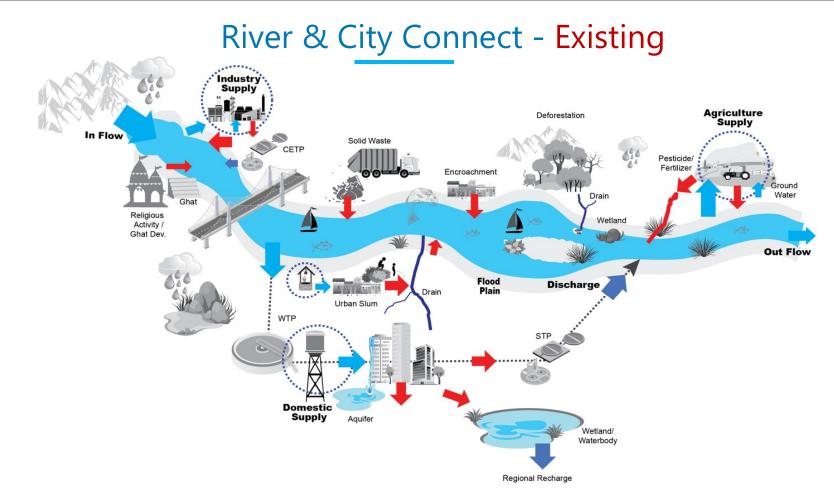


## **River Cities in India**



- 42 out of 53 metropolitan cities in India are river centric
- 293 out of 504 Class I towns are river towns
  - Around 75% towns are located in U.P., W.B., Maharashtra, Andhra Pradesh, Gujarat, and Madhya Pradesh

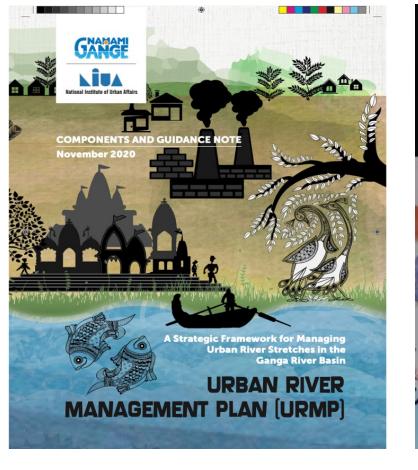
Kanpur Municipal Corporation



#### Pollution Abatement Strategies relies on Engineering Solutions



## Strategic Framework - URMP



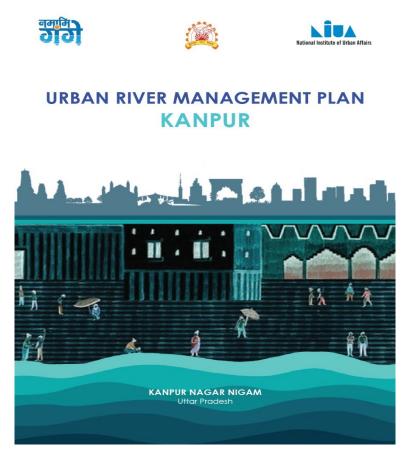








## **URMP** - Kanpur

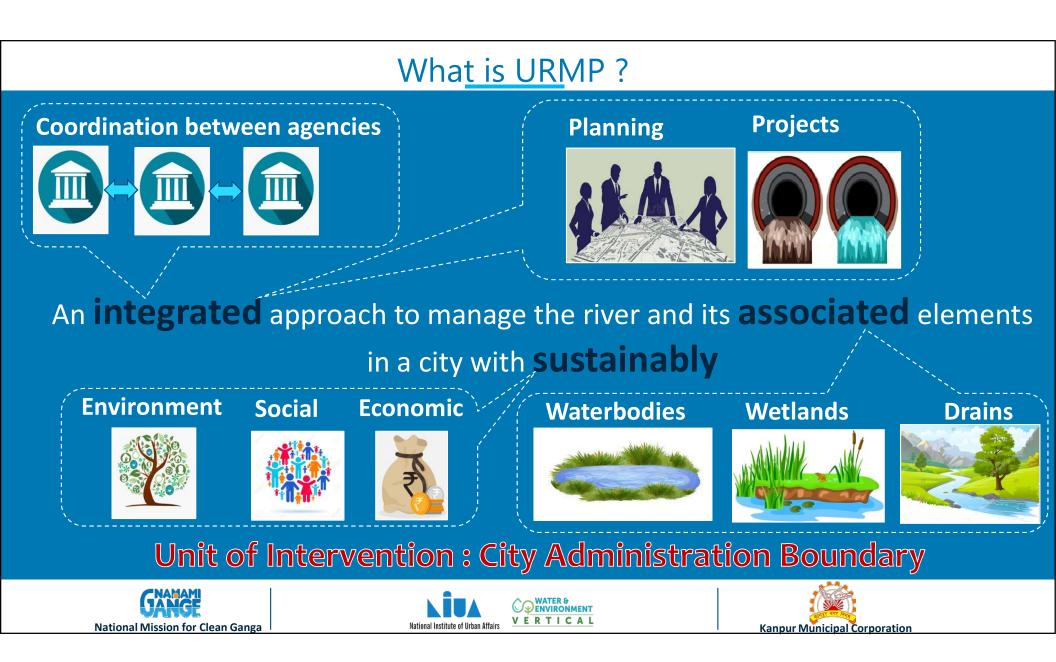






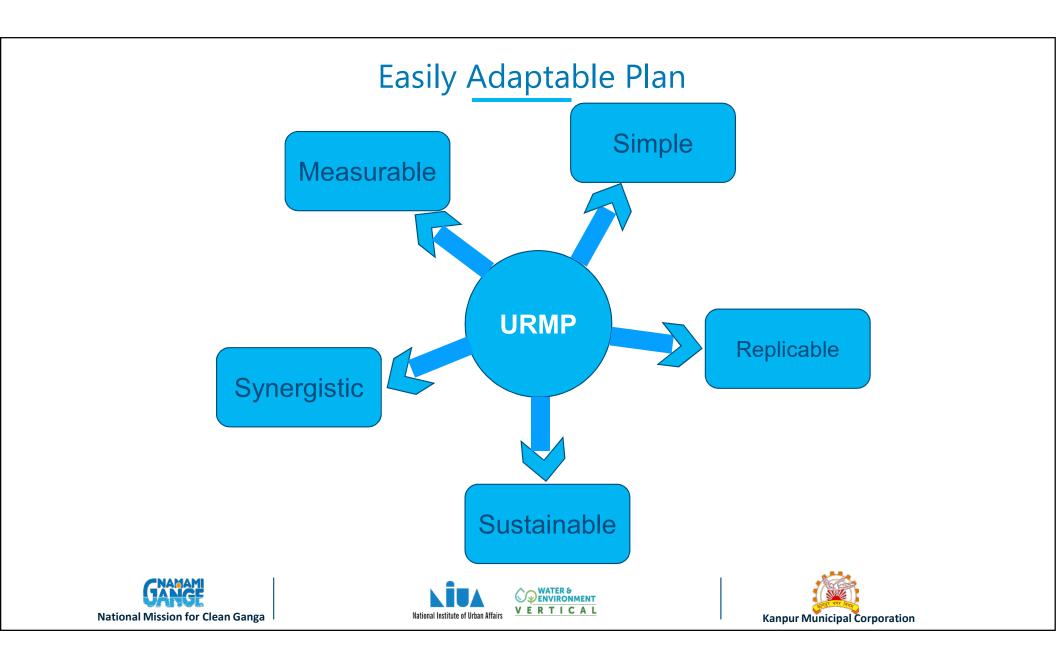


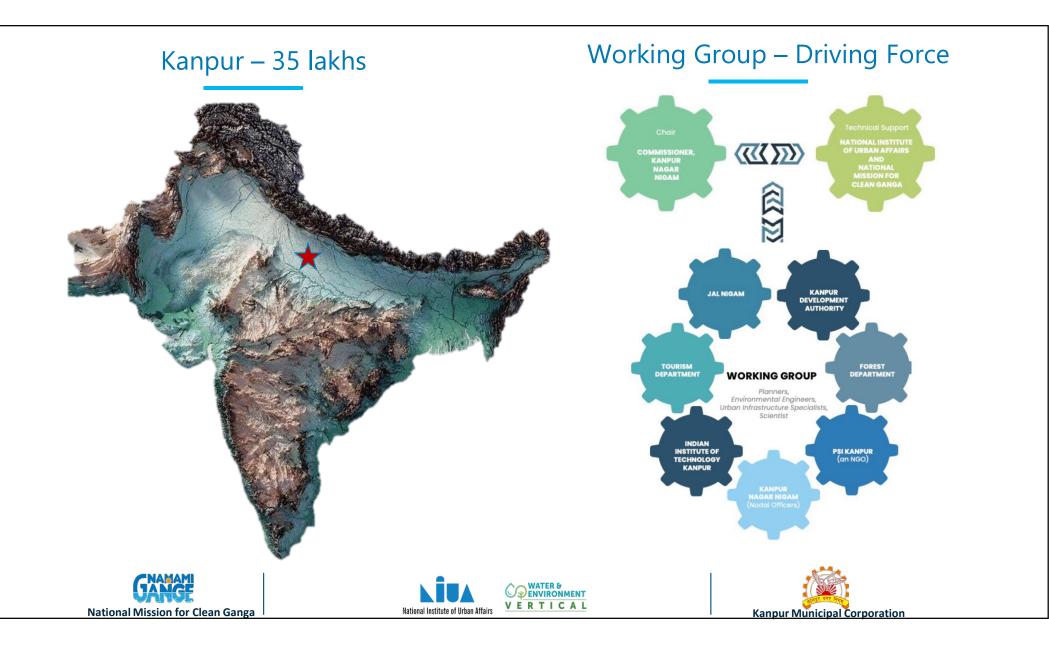




### URMP\_Framework







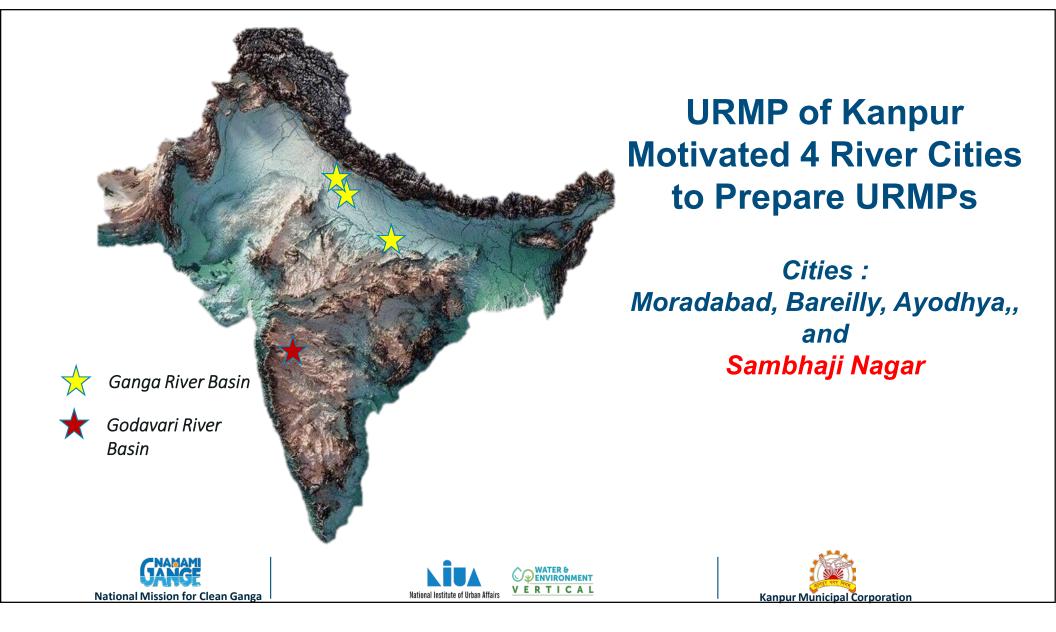
#### Approach Anchored at Kanpur Nagar Nigam **Baselining for URMP Consultation Workshops** Assessment to know Green marketing is a practice whereby companies seek to Status Quo go above and beyond traditional **SWOT Formation of Working Group Identify projects** About 50 individuals from all Owning URMP preparation Consultative process with all agencies in Kanpur Department to suggest projects VERTICAL National Institute of Urban Affairs Kanpur Municipal Corporation

National Mission for Clean Ganga

## Baselining & Prioritization of URMP Objective



19 Interventions - URMP				
<b>1.</b> Strengthen river- related planning regulations in Master Plan 2041	<ol> <li>Real time display of river water quality</li> </ol>	<b>3.</b> Strengthen FSSM in the city	<b>4.</b> Implement DEWATS in specific locations	17. Develop dedicated river-based sensitization
5. Enhance solid waste management along river banks	6. Develop GIS-based database for water bodies in the city	<b>7.</b> Provide boundary protection for all major water bodies	8. Revive and beautify Mama Talav and Mangla Vihar water bodies	programme 18. Engage citizens for
9. Develop riparian zone along Pandu River in selected locations	10. Establish practical modality of reusing maximum treated wastewater	<b>11.</b> Reuse treated wastewater for all parks within 3 km of STPs	<b>12.</b> Develop a scientific city water balance	water quality monitoring
<b>13.</b> Clean the drains in two major sub-catchments	14. Develop a Ganga Park at Atal Ghat	15. Develop a floating restaurant	16. Develop cultural theme boat ride between Ganga Barrage and Bithoor	<b>19.</b> Engage citizens for river bank clean-up
All Interventions Aligned with National Missions				
Institute of Urban Affairs       Image: Construction of the constr				



## River Cities Alliance (RCA)

### **Alliance Cities**



"There is a need for new thinking for **River Cities**"

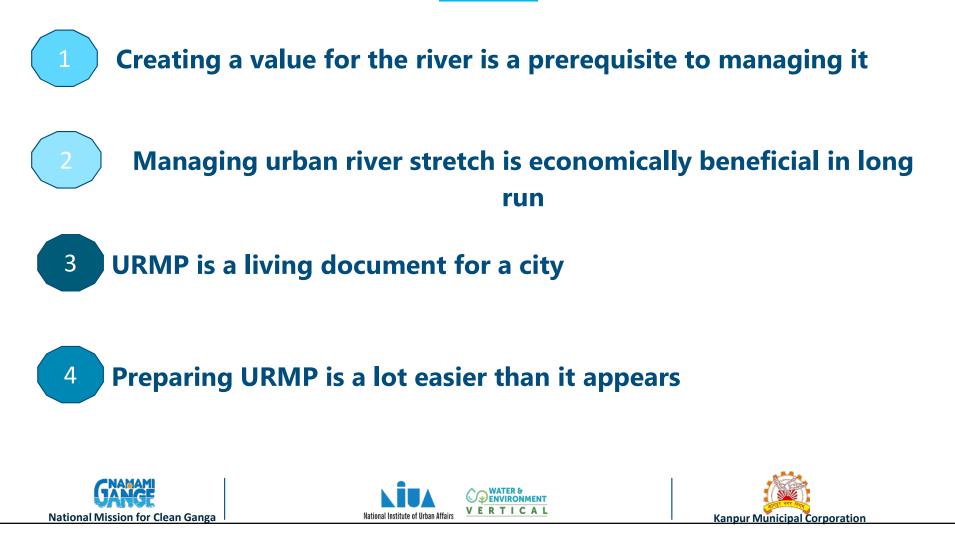
> Hon'ble Prime Minister of India National Ganga Council Meeting Kanpur, 2019

The alliance has been launched initially with 30 cities namely Dehradun, Rishikesh, Haridwar, Srinagar, Varanasi, Kanpur, Prayagraj, Farrukhabad, Mirzapur, Mathura, Bijnor, Ayodhya, Patna, Bhagalpur, Begusarai, Munger, Sahibganj, Rajmahal, Howrah, Jangipur, Hugli-Chinsurah, Behrampore, Maheshtala, Aurangabad, Chennai, Bhubaneshwar, Hyderabad, Pune, Udaipur and Vijaywada.





## Key Takeaways



# Thank you!







