



RIVER CITIES ALLIANCE A city led movement

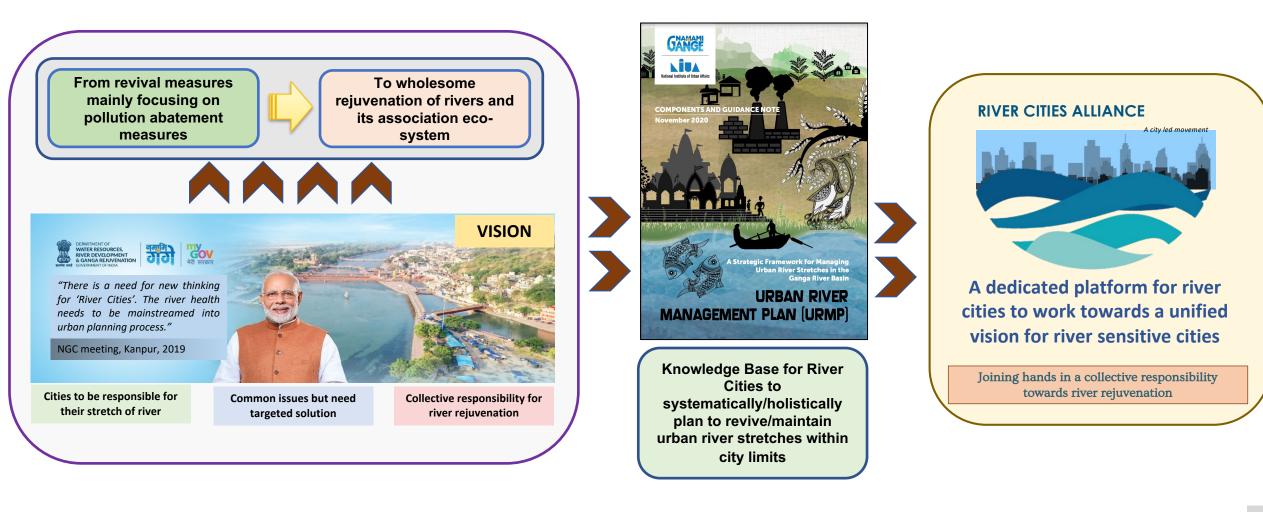


"RIVER CITIES ALLIANCE"

A City Led Movement for Holistic Management of Urban Rivers

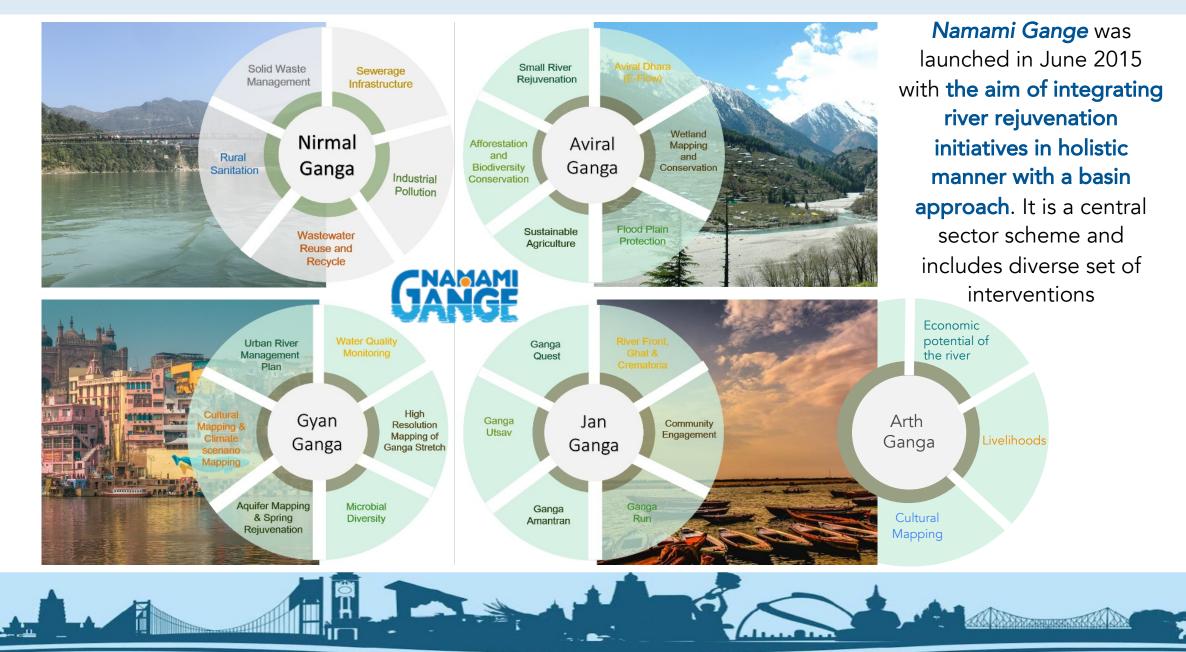
4th May 2023, India Habitat Centre, New Delhi

Managing Urban Rivers - The Paradigm Shift



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NMCG's Ganga Mission



NMCG - NIUA Partnership - The Urban Agenda

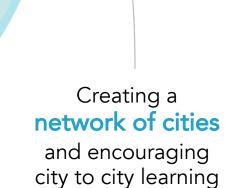
Urban

Agenda

Developing tools and guidelines on different aspects of river management



Building capacities of the urban centers and providing technical support

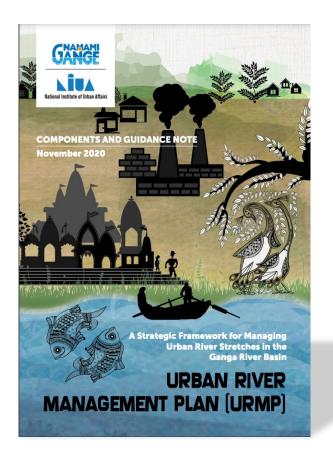




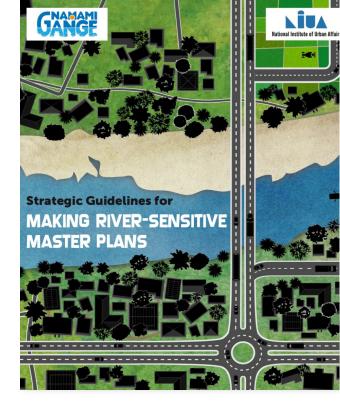
Fostering partnerships for implementation of river-related projects and interventions

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Managing Urban Rivers - Frameworks and Tools



An integrated approach to manage the river and its associated elements in a city sustainably



Mainstreaming river consideration into the long-term urban planning framework

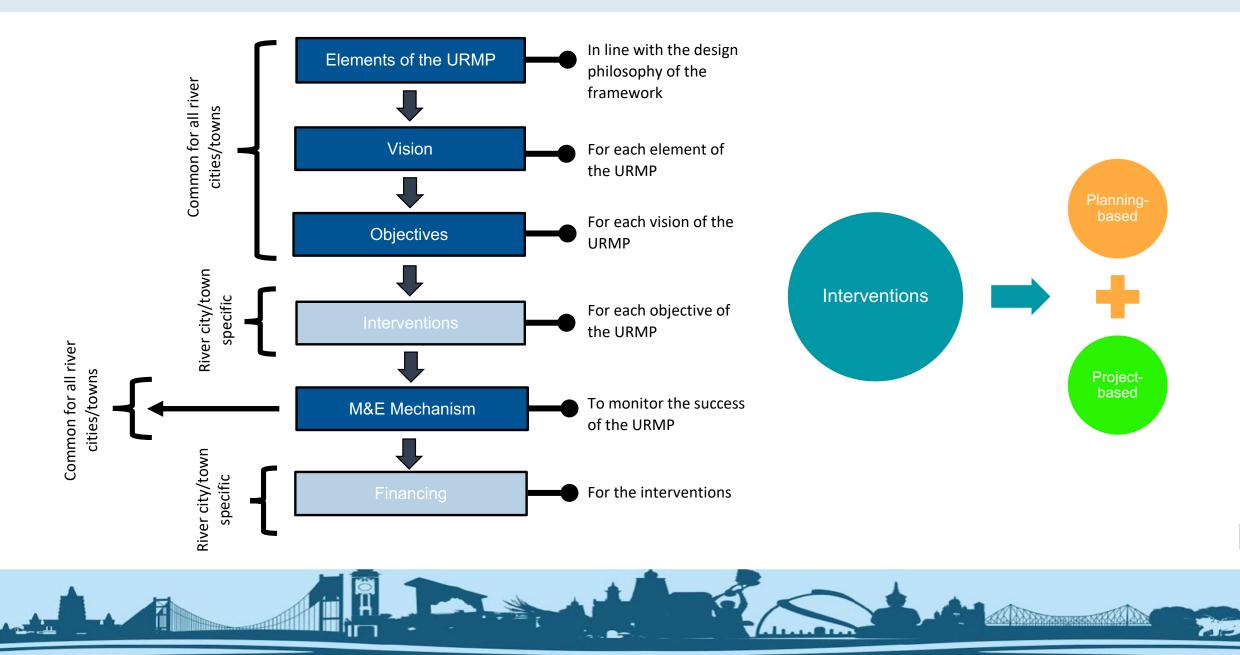


Urban River Management Plan Framework



River Development Goals (RDGs)

Urban River Management Plan Framework



Making River Sensitive Master Plans

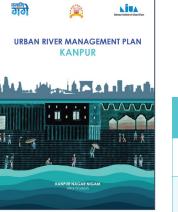


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KANPUR URMP - Interventions



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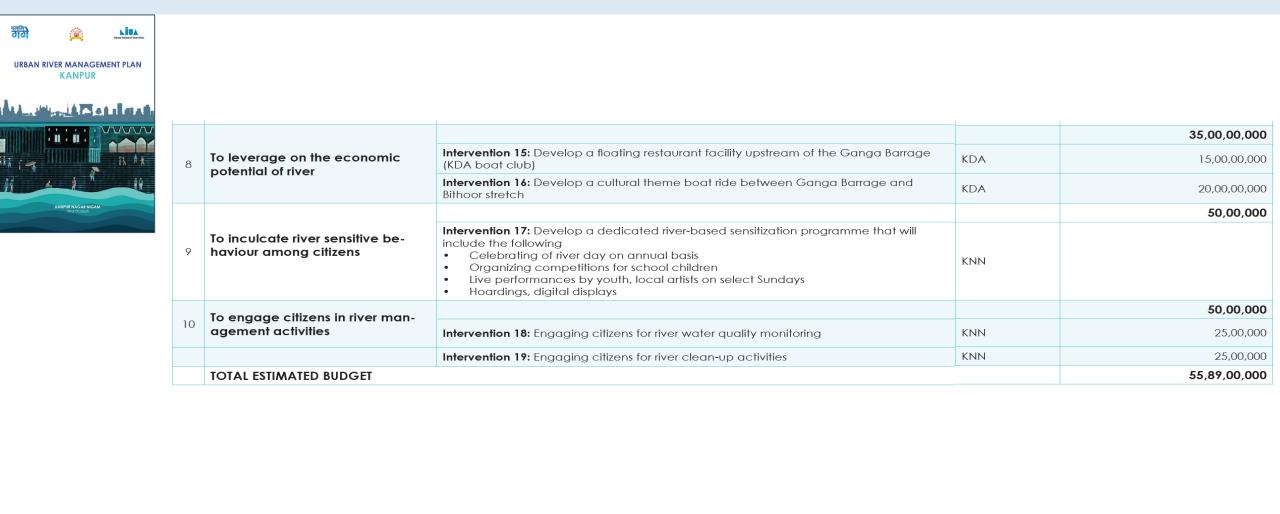
S No.	URMP Objective	Interventions (or projects)	Responsible agency	Estimated Budget (INR)
1	To ensure effective regulation of activities in floodplain	Intervention 1 : Enhance river-related development control regulations, planning norms, and bye-laws in the Master Plan 2041	KDA	0
2	To keep rivers free from pollution			2,04,00,000
		Intervention 2: Integrate river water quality information into Smart City Command and Control Centre	KNN	1,00,000
		 Intervention 3: Strengthen Faecal Sludge and Septage Management (FSSM) in the city 3a: Develop a database of 92,000 households for facilitating FSSM implementation 3b: Carry out geo-tagging of 50 desludgers 3c: Conduct technical assessment for co-treatment of FSSM at functional STPs 	Jalkal Vibhaag Jalkal Vibhaag Jal Nigam	18,00,000 15,00,000 15,00,000
		Intervention 4: Implement DEWATs for 700m stretch of drain in Barra locality in Zone 5.	KNN	1,50,00,000
		Intervention 5: Clear all solid waste along river banks in both Pandu and Ganga Rivers	KNN	5,00,000
3	To rejuvenate waterbodies and wetlands in city			13,70,00,000
		Intervention 6: Develop a comprehensive GIS-based scientific databases for water bodies	KNN and KDA	1,00,00,000
		Intervention 7: Provide a protective boundary fencing for all waterbodies	KNN	8,70,00,000
		Intervention 8: Revive and develop two waterbodies (Mama Talav, Mangla Vihar) as recreational avenues	KNN	4,00,00,000
4	To enhance the riparian buffer along river banks			10,00,000
		Intervention 9: Develop riparian zone along Pandu river in 13 recommended pockets covering 20 hectare land	Forest Dept	10,00,000

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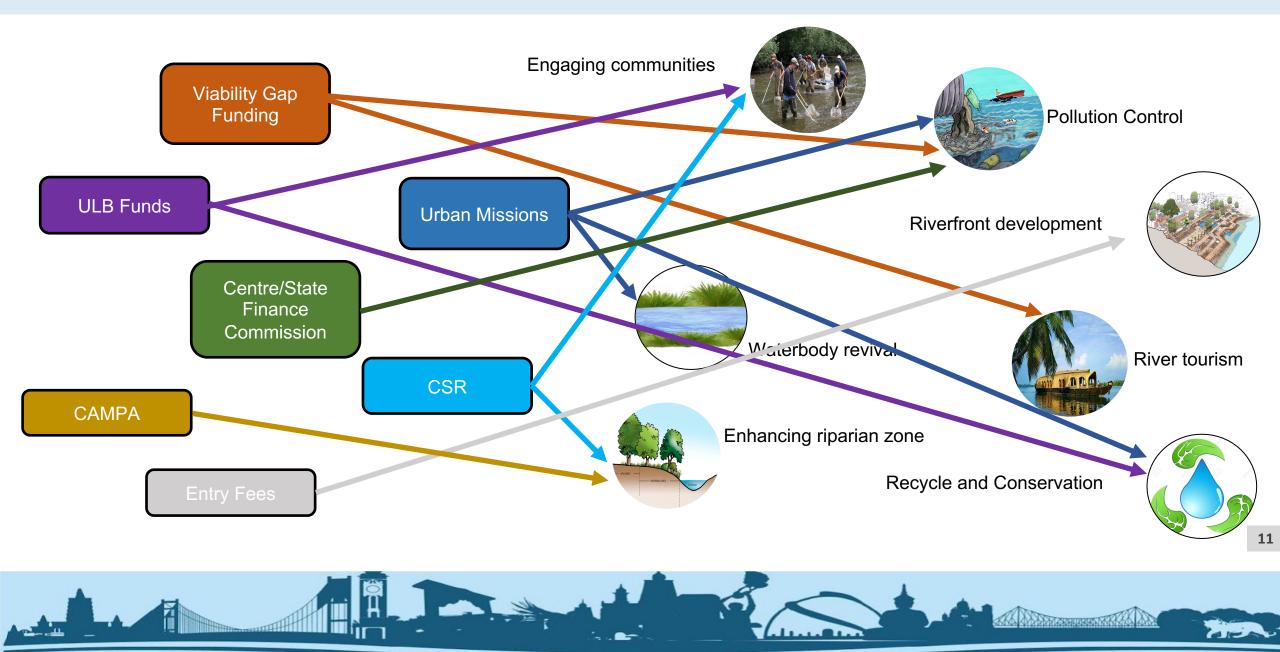
KANPUR URMP - Interventions



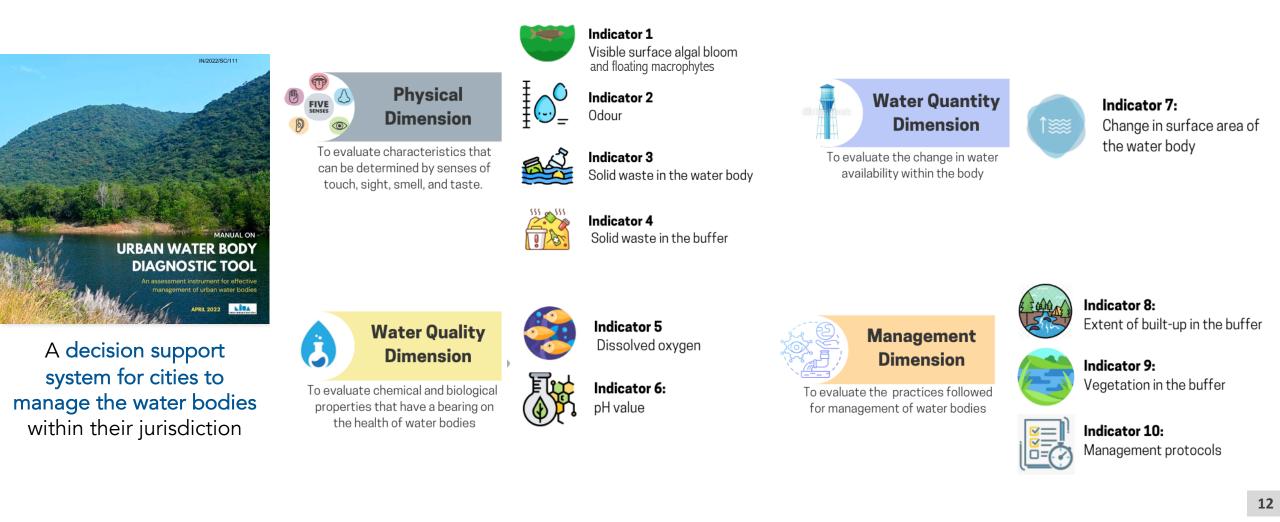
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Financing URMP Interventions



Knowledge Base on Managing Urban Rivers



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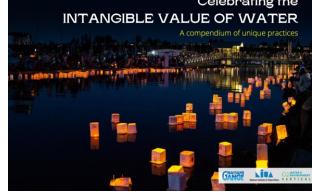
Knowledge Base on Managing Urban Rivers





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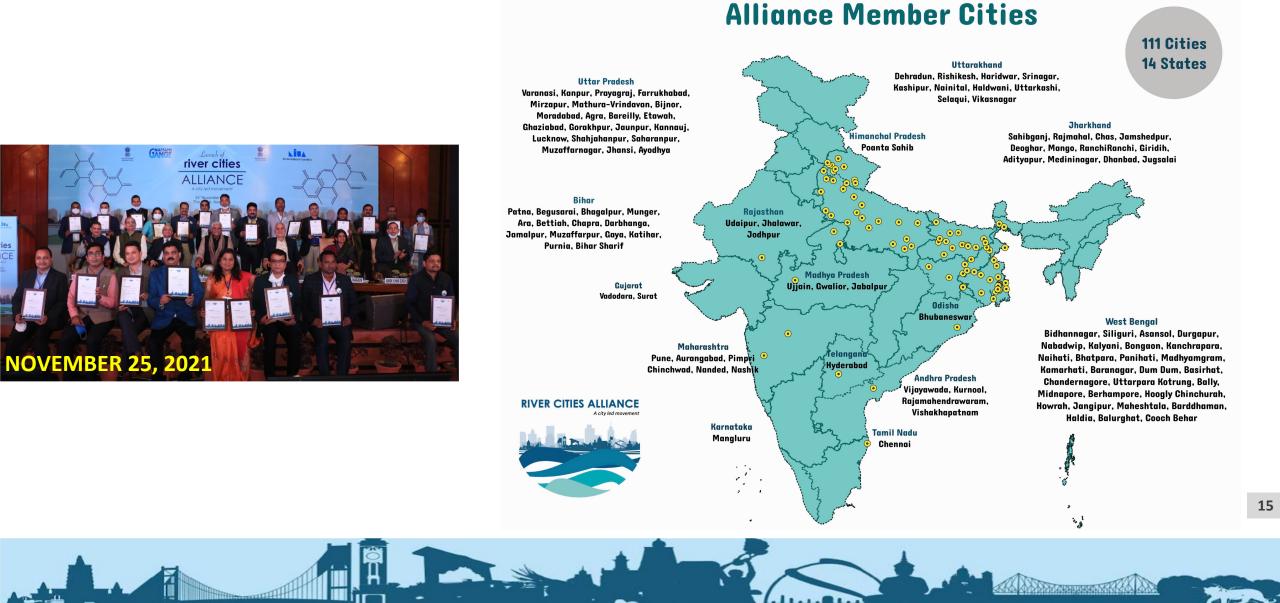


River Cities Alliance (RCA) - Introduction



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RCA - A 112 River Cities Network

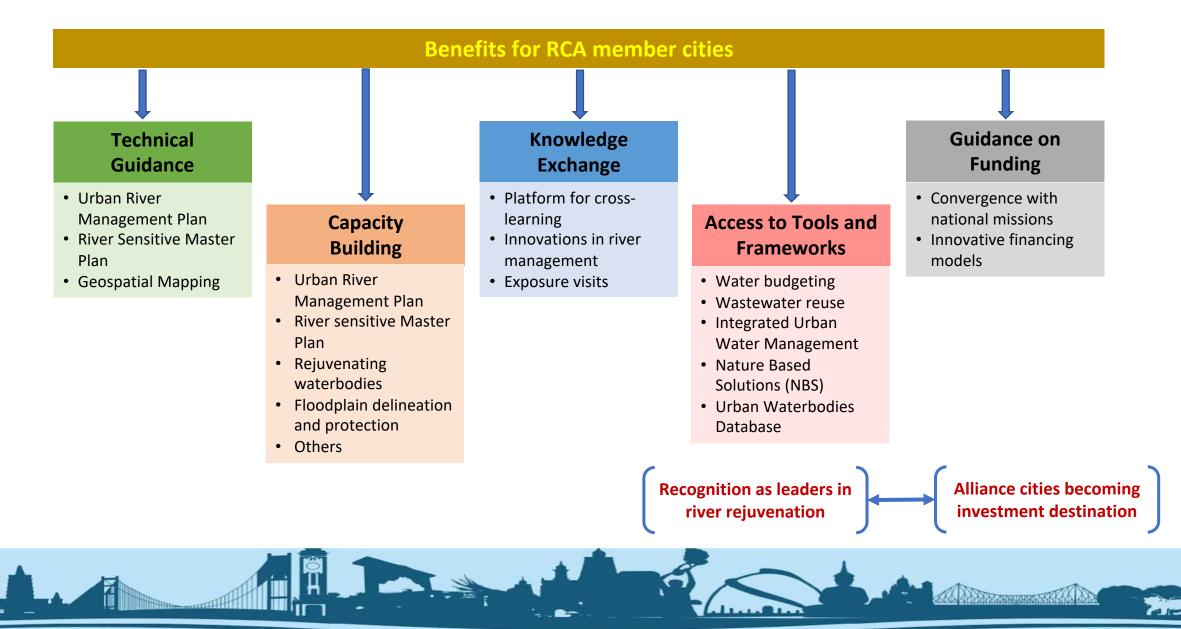


RCA - Thematic Work Areas



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Why a River City Should join RCA?



Technical Guidance to Member Cities





Capacity Building

















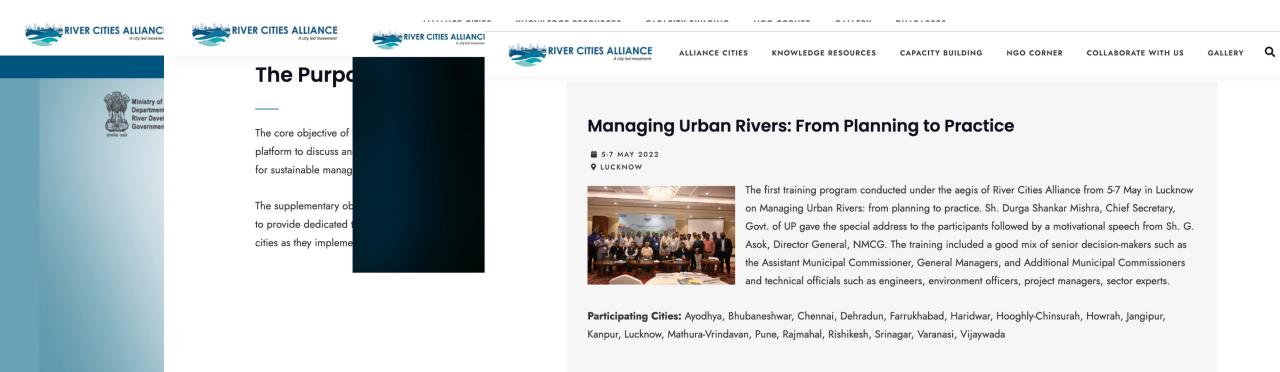








RCA Website - Knowledge Repository

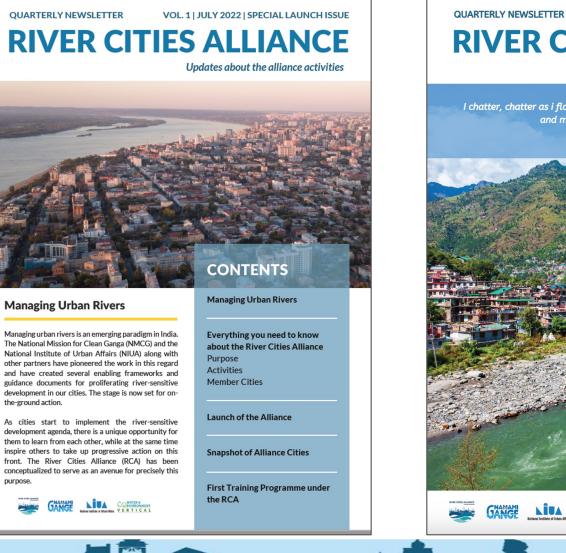


Integrating river thinking into Master Plans

AMARKAN STRALLAN

27 AUGUST 2021, 18 NOVEMBER 2021, 14-15 JULY 2022

RCA Newsletter



purpose.

RIVER CITIES ALLIANCE Updates about the alliance activities

I chatter, chatter as i flow to join the brimming river, for men may come and men may go, but i go on forever

-Alfred Tennyson

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CONTENTS

Urban River Management Plan (URMP) for Ayodhya

• Aurangabad

Onboarding Moradabad city in the River Cities Alliance

River Cities Alliance Website

Celebrating River initiatives

Namami Gange Mission - Key highlights

Partner's Corner - The Nature Conservancy, New Delhi



Knowledge Sharing Amongst Member Cities

Synopsis of the







Proposed design of river front by integrating religious heritage and natural landscape (Source - Pune Municipal Corporation)

Developing eco-parks and urban forests



Groundwater augmentation

spaces.

Enhancing riverrelated economy

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Integrating cultural heritage in designing riverfronts

Pune Municipal Corporation

NRCD, JICA soft loan, **ULB** funds

Brief description of the Intervention

The Municipal Corporation of Pune is working towards transforming the riverfront into a healthy, vibrant place to live and thrive. Some notable features of the riverfront design include:

Pune

- · Constructing dedicated tanks for idol immersion, which will remain segregated from the river water.
- Restoring and enhancing the space around temples and dargahs along the riverfront and integrating these spaces in the riverfront design as part of public place making.

pedestrian friendly, with strategically placed cycle renting booths and parking

• Creating a green continuum along the riverfront by linking existing parks, gardens and other green open spaces. • Developing 88km of continuous promenade, which can be cycle-friendly and 18 temples, 18

Unique/Key feature

of the Intervention

crematoriums and burial grounds alongside the river will be integrated into the project

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Driving Holistic Action For URbAn Rivers (DHARA)



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International River Cities Alliance (IRCA)



International River City Alliance <u>(IRCA)</u> is recognized as a unique platform for global river cities to ideate, network and co-learn to foster river centric development in Urban Areas



Role of IRCA

A dedicated platform for global river cities to exchange knowledge on various aspects of urban river management

> Create repository of knowledge base and best practices in various thematic aspects of river management

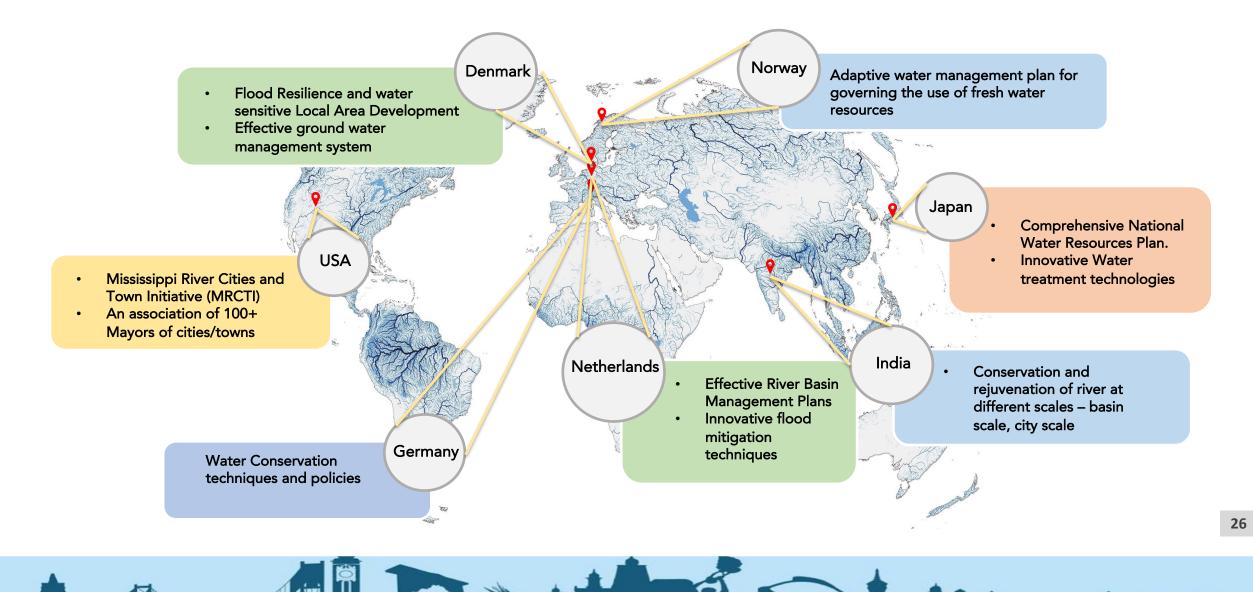


Facilitate bi-lateral river city twinning for sustainable river centric development (urban river stretches)

Provide opportunities for funding agencies to connect with river cities and fund projects



Expertise for Co-learning from Members



Activities of IRCA

Host knowledge exchange Knowledge sharing in form of online avenues for the capacity dialogues, webinars, training building of other member programs, exposure visits. cities Strengthening the academia and professional Showcasing IRCA at ecosystem for 'River Centric international development development exchange forum Contribute to create knowledge base repository on technologies, policies, governance structure etc.

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IRCA Impact

City to city peer learning and improved knowledge through sharing of best practices Dedicated platform/one stop shop for development agencies seeking opportunities for co-operation on aspects related to river centric development Market opportunities for international private sector (technology provider) to offer solutions for Indian river cities

Operational Modalities



Non-financial, non-binding association of/for alliance member cities









DECLARATION

Aarhus is proud to be a member of

River Cities Alliance

We are committed to pursue river centric development in the city of Aarhus

Aarhus Kommune

Denmark

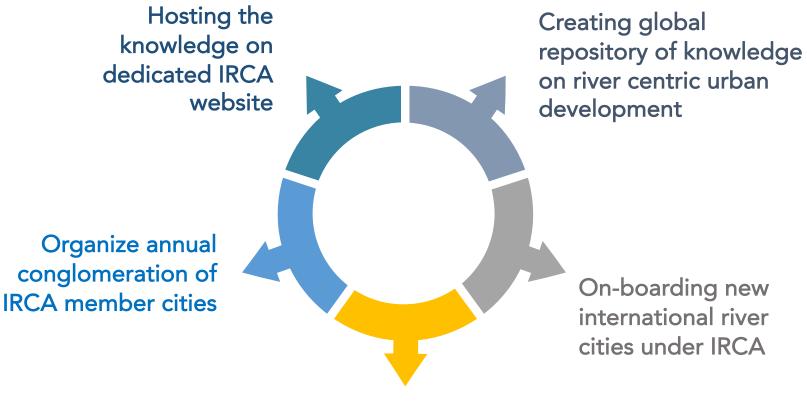
NMCG and NIUA assure full support for the River Cities Alliance

Asole G Asok Kumar





IRCA Secretariat



Plan and execute annual calendar in consultation with member cities

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THANK YOU.... Q&A

