RIVER SENSITIVE URBAN PLANNING

Master Plan is a legally binding document for the city. Hence there is a unique opportunity for the URMP to leverage on it, to bring about a change in the way rivers are managed within cities.

PLANNING TOOLS - for incorporating river thinking in **Development Plans**

National/ State policies having direct implications Localizing National on river management Policies Area & issue specific implementable strategies Town-specific for customized Strategies implementation of policies Assigning land use Assigning land use category, defining - land use permissible activities & land - use zone allocation for management - use premise of river zone, to ensure use activities systematic waterfront development Building bye-laws, Development architectural controls, Control development controls for Regulations river zone & eco-sensitive areas To facilitate consistent, restricted and regulated **Norms & Standards** development in the river zone Tangible recommendations and **Recommendations** directions to take action Specific river focused projects identified as Creating the

grounds for project

development

model projects

The Project CONSORTIUM

National Mission for Clean Ganga (NMCG)

It is a registered society under the Ministry of Jal Shakti. Government of India. to take measures for prevention, control and abatement of environmental pollution in river Ganga and to ensure continuous adequate flow of water so as to rejuvenate the river Ganga.

National Institute of Urban Affairs (NIUA)

It is a premier institute under the Ministry of Housing & Urban Affairs, Government of India that advances inter-disciplinary research, capacity building, knowledge management and policy making on issues relevant to cities across India.

PROJECT OUTCOMES – Guidance Documents prepared

URBAN RIVER MANAGEMENT PLAN (URMP) ELEMENTS AND GUIDANCE NOTE





National Institute of Urban Affairs

MAINSTREAMING

into a city's Master Plan

India Habitat Centre (IHC). Lodhi Road. New Delhi – 110003 (2) 011 2464 3284 (ext 229) vshinde(at)niua(dot)org MIUA India 🚎 www.niua.org



Addressing the Urban Drivers of River Health in Ganga River Basin

National Institute of Urb

SALIENT FEATURES

Vision

The project seeks to bring the river to the heart of urban planning.

The project has developed a framework for river-centric urban management plans for cities to adopt.

Uniqueness of the framework

Designed to be generic, yet capable of capturing site-specific nuances.

Uniqueness of the Project

In a first of its kind, 97 towns in the Ganga River Basin will use this common framework.

URBAN DRIVERS OF RIVER HEALTH - Key Challenges





Indiscriminate Abstraction & Restriction of Natural Flow





Urban Flooding



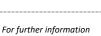
Other Activities









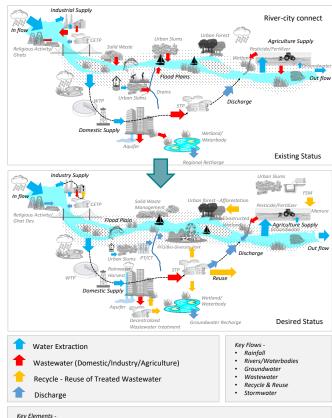


National Mission for Clean Ganga (NMCG) Ministry of Jal Shakti (Department of Water Resources, River Development & Ganga Rejuvenation), Government of India 1st Floor, Major Dhyan Chand National Stadium India Gate, New Delhi – 110002 @ 011 23072900 (ext 901) admn(dot)nmcg(at)nic(dot)in 🕥 @cleanganganmcg www.nmcg.nic.in

Dr. Victor R. Shinde (Team Lead) National Institute of Urban Affairs (NIUA) Core 4B- 1st Floor,

Urban River Management

Project's THEORY OF CHANGE



River, Drains, Wetlands, Forest, Drains (natural/ man-made), Agriculture, Ghats/ Tourism/ Religious activity, Informal Settlements/ Encroachments, Riverfront, Recreation, Bio-diversity Parks, WTP/ STP, CETP, Industries, Waste dumping grounds, Rainwater harvesting/ Recharge structures

Urban River Management Plan (URMP)

A planning framework for helping cities along the Ganga River plan for interventions systematically & holistically, to revive & maintain rivers in their areas in a sustainable way.

