

I/156820/2023(5)

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केन्द्रीय जल आयोग
प्रशिक्षण निदेशालय



Government of India
Ministry of Jal Shakti
Dept. of Water Resources, RD & GR
Central Water Commission
Training Directorate

OFFICE ORDER

Approval of the competent authority is hereby conveyed in respect of **Shri Raj Kumar, Executive Engineer, MGD-3, Varanasi, CWC** for participation in 02 Day Training Workshop on “**Water as Leverage**” for a resilient Prayagraj under Indo-Dutch Collaboration, scheduled to be held during 20-21 December, 2023 at Prayagraj.

The nominated officer will be governed by the following terms and conditions:

- He will be entitled to draw TA/DA as admissible under rules.
- He will get full pay and allowances during the programme.
- No substitute will be provided in his place.

Encl. Program Details

Signed by Neeraj Kumar
Sharma

Date: 20-12-2023 15:19:32

Reason: Approved

(Neeraj Kumar Sharma)
Dy. Director (Lib & IB)

To

1. PPS to Chairman, CWC, New Delhi.
2. PPS to Member RM, CWC, New Delhi.
3. Chief Engineer (P&D), CWC, New Delhi.
4. Executive Director (Technical), NMCG, New Delhi.
5. Officer concerned through CWC website.

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अनूप कुमार श्रीवास्तव
कार्यकारी निदेशक (तकनीकी)

ANUP KUMAR SRIVASTAVA

Executive Director (Technical)



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन,
नदी विकास एवं गंगा संरक्षण विभाग
GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION

13th December 2023

Subject: Invite for Training workshop on 'Water as Leverage' for a Resilient Prayagraj from 20th to 21st December 2023

In 2017, an MoU was signed between Ministry of Jal Shakti, India & Ministry of Infrastructure & Environment of Netherlands to strengthen the collaboration between the two countries in the field of water, delta management and water technology. Under the aegis of MoU, Joint Working Groups were formed to periodically discuss on the following few areas of intervention under the collaboration.

- Industrial Pollution Abatement through building Multistakeholder Platform (MSP) for pollution prevention and effective waste management of textile cluster in Panipat, Haryana
- **Water as Leverage (WaL) and Namami Gange**
- Water as Leverage in Chennai
- Room for River Project – Flood Management project with State of Kerala
- Pilot project in the doab of Arnair and Koratalair river
- Capacity Development Programmes

2. In April 2021, during virtual summit of Hon'ble Prime Ministers of India and Netherlands of the Joint Working Group was elevated to Ministerial level and announced the launch of 'Strategic Partnership on Water'. On 29th March 2022, a Strategic Partnership on Water was virtually signed by Mr. Gajendra Singh Shekhawat, Hon'ble Minister, Ministry of Jal Shakti, The Republic of India, and Mr. Mark Harbers, Hon'ble Minister, Ministry of Infrastructure and Water Management, Kingdom of The Netherlands.

3. During bilateral forums between Netherlands and India (NMCG), Water as Leverage was discussed in context of Ganga Basin towns and cities. Additionally, a study was carried out by Ooze and Deltares (2019) to identify suitable places for Water as Leverage applications. The study delivered a first overview of ten possible locations for WaL, out of which 4 cities have been prioritised for next steps. City of Prayagraj is one of them.

4. Water as Leverage programme (WaL) aims to generate projects that address the urgent water and climate adaptation needs in cities. It is an inclusive design-driven approach to develop, finance and implement projects that cut across sectoral and administrative boundaries, thereby across SDG's. It brings together all relevant stakeholders from the start – governments, cities, designers, engineers, civil society, financiers – in co-creation with multidisciplinary teams working towards the development and implementation of blue/green urban projects.

5. The workshop is aimed at generating a common understanding of the Water as Leverage approach, mutual learning and jointly exploring how Water as Leverage can be of value for the city of Prayagraj. The first step in the collaboration will be the kick-off of the hotspot analysis of the city of Prayagraj. A brief background of the concept is provided below.

Contd...



राष्ट्रीय स्वच्छ गंगा मिशन

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(2)

6. The first Water as Leverage activity was held under the Indo-Dutch Strategic Water Partnership signed with Ministry of Jal Shakti (GoI) and the Dutch Ministry of Infrastructure and Water Management in March 2022, has been a hotspot analysis of the Ganga basin 'Water as Leverage Namami Clean Ganga'. With the input of this analysis, a training workshop Water as Leverage together with NMCG has been executed in October 2022. Last August, during a meeting between NMCG and the Netherlands government (IenW, NL Embassy) in Delhi, the connection with the River Cities Alliance (RCA) was discussed as well as to introduce and lay the foundation for a WaL trajectory in one city, explore the potential 3 other cities and operationalise a NMCG WaL initiative. On 20 September, NMCG sent a letter of invitation to the city of Prayagraj to host the next WaL training workshop. On 12 October a webinar was organised on WaL with representatives from the city of Prayagraj, NMCG and RCA, hosted by the Netherlands.

The hotspot analyses of the city of Prayagraj aims to:

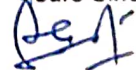
1. get a better understanding of risks, vulnerabilities and interdependencies in the city of Prayagraj related to climate change, urban development trends that aggravate climate risks, extreme weather events (river floods, coastal floods, cyclones and landslides) and long-term effects (drought stress, salination, salt intrusion, sea level rise, land subsidence, heat stress and water pollution). The analysis will also investigate existing capacities for implementation of (blue-green) infrastructural projects in Prayagraj, as well as the policy framework.
2. give an insight on possible next steps in a roadmap on how to develop a Water as Leverage Prayagraj initiative.

7. With this background, you are cordially invited to attend the workshop from 20th to 21st December 2023 in Prayagraj or nominate officers from SMCG to attend the workshop.

8. The draft agenda is attached here for your kind information. Additionally, Ms. Ruchi Tomar (Ph. No. +91-9650512039; ruchi.tomar@govcontractor.in) may be contacted regarding any queries on the matter.

Encl. Draft Agenda

Yours Sincerely,



Anup Kumar Shrivastava

Sh. Pankaj Kumar Sharma,
Director-II RDC,
Central Water Commission,
R.K. Puram, Sector-1, New Delhi – 110066

Kickoff Workshop - Water as Leverage for Resilient Indian Cities: Prayagraj 20-21 December 2023

Water as Leverage (WaL) is an initiative of Government of Netherlands and its associated partners. WaL is built on the recognition that a result-driven, holistic and inclusive project preparation approach is the only way to kick-start and scale sustainable urban solutions, which are supported by decision makers locally and nationally, have long-term and sustainable impact, and are bankable. WaL is a concept which is practised by the Netherlands for Water Resource Management and successfully implemented in the city of Chennai in India and in other countries. During the bilateral forums between Netherlands and Indian side, WaL was discussed in context of Ganga Basin cities, and as such included in the NMCG Action Plan under the Netherlands – India Strategic Water Partnership

With this background, this workshop is aimed at generating a common understanding of the WaL concept, mutual learning and jointly developing the application of WaL in the city of Prayagraj.

Please find the general outline for the program schedule. This is the general outline, which will be subject to further detailing.

19 December 2023	Agenda
All day	Field/site visits

20 December 2023	Agenda
9.30 AM -10.00 AM	Registration and Welcome
10.00 AM- 10.40 AM	Opening and Welcome with Kalash ceremony (5 mins)
	Welcome Remarks from NMCG (Mr Anup Shrivastava, ED (T), NMCG) (5 mins)
	Welcome Remarks from RCA (Mr Dheeraj Joshi, Deputy Secretary, NMCG) (5 mins)
	Welcome Remarks from Dutch Side by Sander Carpaij, Commissioner Water as Leverage, Netherlands ministry of Infrastructure and Water Management (5 mins)
	Welcome Remarks and special address by the Commissioner of Prayagraj Municipal Corporation (Mr Chandra Mohan) (5 mins)
	Welcome remarks by DRM, Prayagraj (Mr Himanshu Badoni) (5 mins) *TBC
	Special Address by DG NMCG (Mr G. Asok Kumar) (5 mins) *TBC
	Interactive getting-to-know each other (using mentimeter) (2 mins)
Common understanding and mutual learning: Water as Leverage and the city of Prayagraj	
10.30 AM- 11.30 PM	Introducing Water as Leverage and the city of Prayagraj Presentation Water as Leverage (WaL) ~20 minutes by Sandra Schoof, programme manager WaL, NL government Presentation on the vision of the city of Prayagraj ~ 20 minutes (tbc)

	<p>Presentation on (understanding of) KUMBH MELA and impact on the city of Prayagraj – suggested: Akhilesh (tbc)</p> <p>Presentation on the water-related initiatives in the city of Prayagraj, including the projects in preparation for KUMBH MELA funded by NMCG - suggested: Akhilesh (tbc) or Irrigation Dept. of PMC</p>
11.30 PM-11.45 PM	Tea/Coffee Break
Common understanding and mutual learning: the case of WaL Chennai	
11.45 PM-12.00 PM	Pitch Water as Leverage Chennai case by Eva Pfannes, director Ooze Architects & Urbanists, lead of the City of 1000 Tanks team (15 min)
12.00 PM-12.45 PM	<p>Water as Leverage World cafe</p> <ul style="list-style-type: none"> Getting to know the different aspects and examples of Water as Leverage through intimate discussions and meetings using a world cafe set-up
Common understanding and mutual learning: first impressions	
12.45 PM-1.00 PM	<p>Group work #1: sharing first WaL impressions:</p> <ul style="list-style-type: none"> What is most surprising about Water as Leverage? What is new? What do you like about Water as Leverage? What is your concern?
	Group photo
1.00 PM – 2.00 PM	Lunch
2.00 PM – 3.30 PM	<p>Kick-off WaL Hotspot Analysis Prayagraj: data and information requirements and collection:</p> <ul style="list-style-type: none"> What is the purpose and scope of work for the Hotspot Analysis? What data and information sources are required to undertake the analysis? How can we jointly collect this in collaboration with and the support of the stakeholders in Prayagraj?
Joint exploration: how can Water as Leverage be of value for the city of Prayagraj?	
3.30 AM- 3.45 PM	Short elaboration on group work #2 'Exploring Prayagraj deep dive' by Eva Pfannes, Director Ooze Architects & Urbanists, lead of the City of 1000 Tanks team
3.45 – 4.00	Tea/Coffee
4.00 PM- 5.15 PM	<p>Group work #2: exploring WaL for Prayagraj deep dive</p> <p>It is an interactive design workshop focusing on challenges, root-causes and potentials in Prayagraj.</p>
5.15 PM – 5.30 PM	Presenting group work and feedback round
	End of Day 1

21 December	Agenda
9.30 AM – 10 AM	Tea / Coffee
10.00 AM -10.30 AM	Recap From Previous Day
10.30 AM – 11.15 AM	<p>Action planning: What action with WaL would you like to take? What would be a first step?</p> <p>How would a roadmap look like for implementation of a Water as Leverage for a Resilient Indian Cities: Prayagraj trajectory? Aim, timeframe, milestones.</p>
11.15 AM – 12.30 PM	Group work #3: When is WaL Prayagraj a success? If WaL is successful what would change? What synergies do you envision within Prayagraj?
Wrap-up & next steps	
12.30 PM – 1.00 PM	<p>Wrap-up (by NL team) (15 mins)</p> <p>Closing remarks by Municipal Commissioner, Prayagraj (5 mins)</p> <p>Closing remarks by NMCG (5 mins)</p> <p>Closing remarks by NL team (5 mins)</p>
1.00 PM – 2.00 PM	Lunch
	End of Workshop (Day 2)
Afternoon	1-to-1 meetings with organisations in Prayagraj (on site) to collect info and data for the hotspot analysis on the city of Prayagraj (tbc)