



संख्या: CWC/IPO/C-37/2022/ 69- 81


दिनांक / dated 16.01.2024

Subject: -Minutes of the meeting of the discussion between two nodal officers of Japan and India sub-group /Joint Implementation Group under India-Japan Memorandum of Cooperation (MoC) in the field of Water Resources.

Kindly find enclosed the Minutes of the meeting of the discussion held on 11th December 2023 between two nodal officers of Japan and India sub-group/Joint Implementation Group, Mr. Takahiro Konami Japan Ministry of Land, Infrastructure transport and Tourism & Mr. Padma Dorje Gyamba, Central Water Commission, DoWR, RD &GR under India-Japan Memorandum of Cooperation (MoC) in the field of Water Resources at Sewa Bhawan CWC New Delhi for information and necessary action.

This issues with the approval of Chief Engineer (POMIO), CWC.

Encl. - As above.


(ज्योतिका पेगु / Jyotika Pegu)
निदेशक / Director

To: -

1. **Mr. Takahiro Konami**, Director, International Affairs Office, River Planning Division, Water and Disaster Management Bureau, MLIT, Govt. of Japan.
2. Adviser (C&M), NWM, DoWR, RD&GR, Ministry of Jal Shakti, New Delhi/ Member Indian side JIG
3. Member (HQ), CGWB, DoWR, RD&GR, Ministry of Jal Shakti, Bhujal Bhawan, Faridabad/Member Indian side JIG
4. Dr. Sanjay Kumar, Scientist 'F', National Institute of Hydrology, Roorkee/ Member Indian side JIG

Copy for information to: -

1. PPS to MD, NWM, New Delhi/ Head Indian side JWG
2. PPS to Member, WP&P, CWC, New Delhi.
3. Mr. Atsushi Nakagome, Director-General, Water Resources Department, Water and Disaster Management Bureau, MLIT/ Head Japanese side JWG
4. Sh. P. Dorje Gyamba, CE, POMIO, CWC, New Delhi Member Secretary JWG
5. Chairman CGWB, New Delhi / Director NIH, Roorkee.
6. Mr. Jun Tsumori, Counsellor (Economic), Embassy of Japan in India, New Delhi.
7. Deputy Secretary (EA&IC), DoWR, RD&GR, Ministry of Jal Shakti, New Delhi.
8. Under Secretary (EA&IC), DoWR, RD &GR, New Delhi/ Member Indian side JWG
9. Under Secretary (East Asia), MEA, New Delhi/ Member Indian side JWG



Under India Japan Joint Working Group (Water Resources), Minutes of Meeting of discussion between two nodal officers of Sub group of Japan and India Mr. Takahiro Konami Japan Ministry of Land, Infrastructure Transport and Tourism & Mr. Padma Dorje Gyamba Central water Commission, DoWR, RD&GR, Ministry of Jal Shakti

On 11 December 2023, a Japanese delegation of the Ministry of Land, Infrastructure Transport and Tourism (MLIT), headed by Mr. Takahiro Konami, Director of the International Affairs Office, Water and Disaster Management Bureau and Mr. Padma Dorje Gyamba, Chief Engineer, Central Water Commission (CWC), Ministry of Jal Shakti had a meeting regarding cooperative activities based on the "Memorandum of Cooperation between Water and Disaster Management Bureau, Ministry of Land Infrastructure, Transport and Tourism and Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti of the Republic of India in the Field of Water Resources" (hereinafter MoC).

Sh Dorje welcomed the Japanese delegation to India and wished them a comfortable and fruitful interaction with the Indian counterparts.

Thereafter, both parties exchanged their views on potential areas of collaboration and agreed on the following actions as the next steps forward to concretize the MoC.

1. Early convening of 2nd meeting of Sub Group(virtual) tentatively in 2nd week of March-2024
2. Further discussion on:
 - i) **Groundwater management:** Focusing on groundwater management and measures to control groundwater use and over-extraction to prevent land subsidence. For land subsidence study in India, the possibility of a joint study may be explored by both sides with Japanese know how.
 - ii) **Dam safety:** Possibility to have a joint inspection of few dams may be explored. Also, possibility may be explored to co-ordinate a joint site visit (joint inspection) with the Committee for International Commission on Large Dams (INCOLD) on the occasion of the 92nd Annual Meeting and International Symposium of the International Commission on Large Dams (ICOLD) to be held in New Delhi from 27 September to 3 October 2024. Both sides discussed on submitting a joint paper on dam safety to the ICOLD conference and holding an online JIG focusing on dam safety after April. From Indian side, Mr Dorje suggested that more detail on this item can be discussed by experts from both sides during 2nd JIG meeting in March-2024.

- iii) **Water use efficiency (WUE):** Indian side nodal officer briefed the Japanese delegates about the present water availability, present surface & ground water usages and future requirement of India. He briefed that the Indian Agriculture sector makes use of about 80% of natural resource water and also highlighted the low water use efficiency of irrigation projects. He also briefed about the Ministry's Vision@2047 to increase in Water Use Efficiency. He desired more discussion on WUE in Irrigation sector and to know best practices of Japan. After discussion both sides agreed to discuss on the item during JIG meeting.

Further an exclusive VC can be held after April-2024 focusing on the future possibility of applying ensemble forecasting to dam operations, based on the experience of Japan.

- iv) **3L Water Level Gauge:** Based on the implementation in other countries, jointly explore the possibility of a pilot testing of 3L water level gauges in India with cooperation of Japan will be discussed in next JIG.

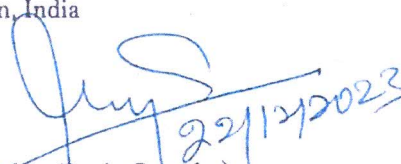
JIG Nodal Officer for Ministry of Land,
Infrastructure Transport and Tourism (MLIT)
Japan

小三良 尊弘 26 Dec 2023

(Takahiro Konami)

Director of the International Affairs Office,
Water and Disaster Management Bureau

JIG Nodal Officer for Ministry of Jal
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(Padma Dorje Gyamba)

Chief Engineer,
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