

# *e-Sanchar*



MONTHLY  
NEWSLETTER  
OCTOBER 2023

# WAPCOS PARTICIPATION IN GOVERNMENT OF INDIA SCHEMES

## MISSION

Use of State-of-the-art Technical Expertise, Innovativeness and Capacity Building



### Swachh Bharat Mission

- Goa
- Assam
- Gujarat



### Revamped Reforms Distribution Sector Scheme

- Kerala
- Haryana
- Chhattisgarh
- Uttar Pradesh



### Smart City

- Punjab
- Assam
- Himachal Pradesh
- Mizoram
- Nagaland
- Rajasthan
- Tamil Nadu
- Maharashtra



### Atal Mission for Rejuvenation and Urban Transformation

- Goa
- Assam
- Haryana
- Karnataka
- Uttar Pradesh
- Bihar
- Odisha
- Kerala
- Gujarat
- Rajasthan
- Telangana
- Meghalaya
- Maharashtra
- Andhra Pradesh
- Madhya Pradesh



### Pradhan Mantri Awas Yojana

- Tripura
- Andhra Pradesh
- Gujarat
- Rajasthan
- Jharkhand
- Uttarakhand
- Chhattisgarh
- Uttar Pradesh



### Deen Dayal Upadhyaya Gram Jyoti Yojana

- Bihar
- Kerala
- Manipur
- Haryana
- Andaman & Nicobar
- Meghalaya
- Puducherry
- Chhattisgarh
- Maharashtra
- Assam
- Sikkim
- Tripura
- Mizoram
- New Delhi
- Karnataka
- Jharkhand
- Nagaland
- Tamil Nadu
- West Bengal
- Uttar Pradesh
- Himachal Pradesh
- Jammu & Kashmir
- Arunachal Pradesh



### Pradhan Mantri Matsya Sampada Yojana (PMMSY)

- Gujarat



### Integrated Power Development Scheme

- Goa
- Odisha
- Rajasthan
- Uttar Pradesh
- Jammu & Kashmir
- Sikkim
- Nagaland
- New Delhi
- Telangana
- Tamil Nadu
- Maharashtra
- Chhattisgarh
- Andhra Pradesh
- Himachal Pradesh



### Pradhan Mantri Gram Sadak Yojana

- Bihar
- Uttarakhand
- Goa
- Assam
- Gujarat
- Rajasthan
- Jharkhand
- Madhya Pradesh



### Pradhan Mantri Krishi Sinchayee Yojana

- Gujarat
- Setting up of PMU at Ministry of Jal Shakti, DoWR, RD & GR



### Namami Gange, Integrated Ganga Conservation Mission

- Bihar
- West Bengal
- Uttarakhand
- Uttar Pradesh
- Madhya Pradesh



### Jal Jeevan Mission

- Gujarat
- Haryana
- Jharkhand
- West Bengal
- Chhattisgarh
- Andhra Pradesh
- Arunachal Pradesh
- Assam
- Punjab
- Rajasthan
- Maharashtra
- Madhya Pradesh
- Himachal Pradesh
- Jammu & Kashmir
- National PMU at Ministry of Jal Shakti



### Fisheries & Aquaculture Infrastructure Development Fund (FIDF)

- Gujarat



### SAGARMALA Programme

- Gujarat
- Maharashtra



### Pradhan Mantri Kisan Khetra Kalyan Yojana (PMKKKY)

- Gujarat



## MESSAGE



**Mr. R.K. Agrawal,**  
CMD, WAPCOS & NPCC

**Dear Readers,**

India is currently at the forefront of economic growth, poised to become the world's fastest-growing economy in the coming years. This transformation is underpinned by our nation's robust development infrastructure and strong partnerships on both domestic and international fronts. With 70% of our economic activity driven by domestic demand, India is committed to ensuring that the benefits of this growth reach every citizen, thus fostering inclusive prosperity.

To accomplish this ambitious goal, the Government of India has implemented a series of impactful policy interventions that encourage sustainable growth across the nation. At WAPCOS, we are proud to be an active contributor to these efforts.

Every month, we publish our newsletter to keep you informed about our ongoing projects, initiatives, and achievements. It is our way of sharing our journey with you, our valued readers and stakeholders.

This month, WAPCOS had the privilege of organizing the International Conference on Dam Safety-2023 on behalf of Ministry of Jal Shakti in collaboration with esteemed partners like The Rajasthan Water Resources Department, Central Water Commission, National Dam Safety Authority, MNIT Jaipur, The World Bank, and The Asian Infrastructure Investment Bank. This Conference brought together experts and leaders from around the world to strengthen our collective capacities in ensuring the safety of dams, a critical aspect of infrastructure development. Furthermore, on the sidelines of this prestigious event, we showcased our exhibits, highlighting our commitment to excellence in the fields of water resources, infrastructure, and dam safety. It was an opportunity to demonstrate the expertise, innovation, and dedication that defines WAPCOS.

In our October edition, we bring you updates on some of our ongoing projects and glimpses of major events/activities during last month. WAPCOS continues to receive significant opportunities to contribute to India's growth. We are currently engaged in various projects, including the upgrading of the Deka Pumping Station and River Water Intake System in Zimbabwe, preparation of Pre-Feasibility and Detailed Project Reports for the Sikaser Pumped Storage Hydroelectric Project in Chhattisgarh, and Project Management Consultancy Services for the development of Eco-Parks across nine different areas for Central Coalfields Limited, from conceptualization to commissioning. Additionally, we are involved in the Design, Engineering, and Project Management Consultancy for the proposed 3<sup>rd</sup> Phase Raising of the Eastern and Western Dam of the Tailing Pond at UCIL, Turamdih, East Singhbhum, Jharkhand.

We are striving towards more ambitious project engagements in the times to come.

**R.K. Agrawal**

## MINISTRY UPDATE

### International Conference on Dam Safety-2023 organised in Jaipur, Rajasthan

The International Conference on Dam Safety-2023 was a part of the Dam Safety Conferences series being organized under the Dam Rehabilitation and Improvement Project (DRIP). The Hon'ble Vice President of India, Shri Jagdeep Dhankhar inaugurated the International Conference on the theme 'Safe & Secure Dams Ensure Nation's Prosperity' organised by the Department of Water Resources, River Development, and Ganga Rejuvenation, Ministry of Jal Shakti at the Rajasthan International Centre (RIC) in Jaipur on 14<sup>th</sup> & 15<sup>th</sup> September 2023. The event brought together world-renowned experts and leaders in the field to enhance dam safety capacities.

At the inauguration of the two-day conference, the Hon'ble Vice President, Shri Jagdeep Dhankhar emphasised, "Safe and secure dams ensuring nations prosperity has great contemporary relevance." The Union Minister for Jal Shakti, Shri Gajendra Singh Shekhawat stated, "There are serious shortcomings in the maintenance of dams in India and so we need SoPs and common protocols for dam maintenance in India. We need to give importance to dam safety in coming years especially keeping in mind the changing patterns of climate. We need to also establish a joint task force soon to look into the various aspects of dam safety." He further added, "We have decided to make an interactive platform and take reference of case studies and best practices of dam safety and dam management to take things forward. This event is not the end but the beginning of many more future deliberations."

Various technical sessions were organised during the two-day conference to enable foremost experts and leaders in the field to strengthen capacities for enhancing dam safety. Various presentations were made during the plenary session starting with the sharing of Government of India Initiatives on Dam Safety and Management, followed by other presentations covering the topics of the Dam Safety Status of Maharashtra; Regulating Dam Safety within the Australian State of New South Wales (NSW) sharing valuable experiences from Australia; collaboration between Denmark & India on Water Management elaborating on the various collaboration efforts between the two nations; collaboration between Australia and India on Water Management highlighting bilateral cooperation in water management; and World Bank Initiatives on Dam Management providing insights into the World Bank's initiatives in the field.

Shri Pankaj Kumar, the then Secretary, DoWR, RD

& GR, MoJS; Smt. Debashree Mukherjee, the then Special Secretary, DoWR, RD & GR, MoJS; Shri Anand Mohan, Joint Secretary, DoWR, RD & GR; Shri N N Rai, Director, Central Water Commission; Shri Ankit Kumar, DD, FE&SA, DSO, Central Water Commission; Mr Satoru Ueda, Lead Dam Specialist, World Bank; Mr Shane McGrath, Board Member, Dam Safety New South Wales, Australia; Mr Freddy Svane, Hon'ble Ambassador of Denmark in India, among others were present at the conference.

The conference was organised in collaboration with the Rajasthan Water Resources Department, the Central Water Commission, the National Dam Safety Authority, MNIT Jaipur, WAPCOS Ltd., the World Bank and the Asian Infrastructure Investment Bank.





## MINISTRY UPDATE

### Vinyl-Wrapped Train Under National Water Mission (NWM) Flagged Off

Hon'ble Vice-President of India, Shri Jagdeep Dhankhar flagged off the vinyl-wrapped Kamakhya Express from Varanasi station via video conferencing on 14<sup>th</sup> September 2023. Under the 'Pani Ki Rail' initiative of the National Water Mission, two trains, the Himsagar Express & Kamakhya Express have been vinyl wrapped in collaboration with Ministry of Railways. This initiative aims to amplify the message of water conservation, river rejuvenation, and the significance of clean drinking water and sanitation. As these trains traverse across the nation, they will act as a moving billboard for promoting the vital message of water conservation and management.

This flagging off event was part of the International Dam Safety Conference 2023 held in Jaipur. Highlighting the intrinsic connection of India with water management, the Vice-President expounded that the Indian civilization has thrived for thousands of years on the banks of rivers, deriving life and sustenance from their waters. Addressing the august gathering, the Union Minister for Jal Shakti, Shri Gajendra Singh Shekhawat highlighted the diverse benefits of the dams and how they have been instrumental in India's water management, electricity generation, and flood control.

Emphasising the importance of dam safety, Shri Gajendra Singh Shekhawat spoke about the enactment of the Dam Safety Act in 2021 under the guidance of Hon'ble Prime Minister Shri Narendra Modi to ensure

key regulatory institutional framework and set of unified protocols for all dam owners.

Other dignitaries who graced the inaugural session were Shri Manik Saha, Chief Minister of Tripura; Shri D. K. Shivakumar, Deputy Chief Minister of Karnataka; Shri Mahendrajeet Singh Malviya, Water Resources Minister of Rajasthan; Smt. Usha Sharma, Chief Secretary of Rajasthan; and Shri Pankaj Kumar, the then Secretary, Department of Water Resources, RD & GR, Ministry of Jal Shakti. Foreign and national delegates and senior officers from various concerned departments were also present on the occasion.



## PROJECT UPDATE

### Project management Consultancy for upgradation of Deka Pumping Station & River Water Intake System, Zimbabwe

#### Objective:

- To provide water to the Deka rural communities through three tap-off points.
- The project's objective is to provide reliable water supply to Hwange Power Station from Deka Pumping Station through a 42 km pipeline.

#### Current Status of the Project:

- Laying and Welding of Pipeline is completed for the entire 42 km
- Installation of Valves is 100% completed
- Construction of Valve Chambers is in progress
- Construction of Thrust Blocks is 100% completed
- Manufacturing of High Lift and Low Lift Pump & Motor is in progress
- Designing of Transformer and PLC & SCADA System is in progress

Overall Project Progress: 95% completed



Construction of valve Chamber in Progress



Y-Connection works



Laying of Pipeline works



Installation of valves



## PROJECT UPDATE

### Design, Engineering & Project Management Consultancy (PMC) for Uranium Corporation of India Limited- 3<sup>rd</sup> Phase Raising of Eastern and Western Dams of Tailing Pond at Turamdih, East Singhbhum, Jharkhand, India

**Client:** Uranium Corporation of India Limited (UCIL)

#### Objective:

The main objective of study is to assess the feasibility to increase the height of the Eastern and Western Dam for the tailing pond at Turamdih, East Singhbhum, Jharkhand along with detailed design engineering and tendering.

#### Scope of Work:

The broad scope involves Data Collection, Site Visits, Review of Earlier Studies/Report, preparation of Feasibility Report, Design & Engineering Analysis, preparation of Design Basis Report, providing Technical Support for clearances, Detailed Engineering and preparation of Tender Document and providing Project Management Services.

#### Main Components:

- Increasing height of Dams beyond EL 208m
- Construction of two new Dams on the Southern side of the tailing pond
- Realignment of both the roads on Northern and Southern side

#### Present Status:

Site visits were undertaken in May, 2023 and August, 2023 for collection of balance data, assessment of the gap and requirement of additional surveys & investigations in order to explore possible alternatives for raising of the Dam height.



Site visit of UCIL and WAPCOS



Decant pond at Western Dam



Spillway structure at Western Dam

## PROJECT UPDATE

### Preparation of Pre-Feasibility Report (PFR) and Detailed Project Report (DPR) for Sikaser Pumped Storage Hydroelectric Project, Chhattisgarh, India

**Client:** Chhattisgarh State Power Generation Company Limited (CSPGCL)

**Location:** The proposed site is located near Sikaser village of Gariaband district of Chhattisgarh, India

#### Scope of Work:

The project is envisaged to be developed as Pump Storage Hydro Electric Scheme, utilising the available head between proposed upper dam and existing Sikaser reservoir as the lower pond. Both reservoirs will be interconnected through water conductor system and generator and turbines installed at underground power house.

The main scope involves preparation of Feasibility Report, Detailed Project Report and obtaining clearances from the statutory authorities including:

- Collection of Data from concerned authorities
- Topographical Survey, Geological Investigations & Testing as per MOWR Guidelines
- Hydrology
- Power Potential Studies
- Environmental Studies
- Design of Civil Structures

#### Main Components:

- Upper Dam (Bund type) 4.3 Km long , 20 m High
- Water Conductor System of 1336m Length
- Net head of 322.47m
- Underground Power House of size 322 m x 22(W) m x 55(H) m
- Underground Transformer Hall of size 210 (L) m x 20(W) m x 28(H) m
- Installed Capacity - 4 X 300 MW (1200 MW)
- Francis Turbines

#### Present Status:

- The Pre-Feasibility Report was submitted in July 2023.

#### Status of current activities -:

Preperation of Form 1 of obtaining Terms of reference clearance from MOEF&CC is under process for carrying out the EIA/EMP studies.



Signing of the Contract Agreement between WAPCOS & CSPGCL at Raipur, Chhattisgarh



Existing Sikaser Reservoir



Topographic survey at project site



## PROJECT UPDATE

### Project Management Consultancy (PMC) Services for Development of Eco- Parks at 09 (nine) Different Areas of Central Coalfields Limited (CCL) in Jharkhand

**Client:** Central Coalfields Limited (CCL)

**Funding Agency:** Central Coalfields Limited (CCL)

#### Objective:

The project's primary objective is to restore degraded land to its natural state by creating self-sustaining Eco-Parks, emphasizing the use of locally available materials to the greatest extent possible.

#### Scope of Work:

The work majorly involves the Planning, Designing, Development and Operation & Maintenance of Eco-Parks.

- Conducting Surveys & Investigation
- Preparation of Conceptual Plan
- Preparation of Detailed Project Reports, technical specifications and preliminary cost estimate
- Preparation of Tender documents for selection of EPC contractor / developer, technology provider
- Carrying out Bid Management, including e-tendering process, selection of successful bidders and awarding of work to contractors
- Supervision, Quality Control, Factory Inspections, Quality Assurance and provide Transaction Advisory services.
- Assistance during Defect Liability Period
- Operation & Maintenance of Eco-Parks for 5 years after construction.

#### Status:

- Detailed Project Reports of Eco-Parks have been approved by the client
- Construction work has been started at five Eco-Parks



3D View Barkakhana Eco-Park



Excavation Work at Dhori Eco-Park site

## THE MONTH AT A GLANCE

**9<sup>th</sup> - 10<sup>th</sup> September, 2023**

India made history with the G20 Summit 2023 from 9<sup>th</sup>-10<sup>th</sup> September, 2023 under the theme “Vasudhaiva Kutumbakam” – “One Earth, One Family, One Future.”

WAPCOS has developed global presence and promoted bilateral cooperation in areas of Water, Power and Infrastructure sectors by providing Engineering services for various developmental projects across the world.

WAPCOS has expanded its footprints globally in more than 55 countries including Asia, Africa, CIS, Oceania, Central America, Latin America and the Caribbean Islands.



**8<sup>th</sup> September 2023**

Tamil Nadu ranked 3<sup>rd</sup> under Smart City Mission during the India Smart Cities Awards Contest (ISAC) 2022 organized by the Ministry of Housing and Urban Affairs, Government of India for the following projects:

- Culture Category: Conservation of Ponds - Ayyankulam Smart City Mission in Thanjavur
- Social Aspects Category: Smart Classroom and E-Monitoring - Smart City Mission in Thoothukudi

WAPCOS is privileged to be associated with these projects for preparation of DPR/Project Management Consultancy.



**Thoothukudi**

**Smart Classroom and E-monitoring**



**Thanjavur**

**Conservation of Ponds as heritage sites – Ayyankulam**



## THE MONTH AT A GLANCE

10<sup>th</sup> September 2023

Kohima City was selected for the Zonal Smart City Award (Northeast Zone) during the India Smart Cities Awards Contest (ISAC) 2022, organized by the Ministry of Housing and Urban Affairs, Government of India. WAPCOS is privileged to be associated with this project.





## THE MONTH AT A GLANCE

14<sup>th</sup> - 15<sup>th</sup> September, 2023

During the 'International Conference on Dam Safety, 2023' held from 14<sup>th</sup> - 15<sup>th</sup> September, 2023 in Jaipur, Rajasthan, WAPCOS hosted an exhibition showcasing various development projects undertaken by the Company. Shri Gajendra Singh Shekhawat, the Hon'ble Union Minister for Jal Shakti, visited WAPCOS stall along with Shri Manik Saha, the Hon'ble Chief Minister of Tripura and Shri D. K Shiva Kumar, Deputy Chief Minister Karnataka. Various National and International dignitaries also visited the stall.





## THE MONTH AT A GLANCE

20<sup>th</sup> September 2023

**W**APCOS is working as Project Management Consultant for prestigious World Bank funded CASA-1000 project in Afghanistan.

A meeting in this regard was held between WAPCOS, World Bank team & CESI Italy on 20<sup>th</sup> September 2023 at WAPCOS Office, New Delhi.

Shri S.K.Khosla, Lead Energy Specialist, Washington DC, World Bank; Shri R.N.Nayak, Former CMD, Power Grid Corporation & World Bank Expert; Shri Anupam Mishra, Director (Comml. &HRD) and Shri S.K Srivastava, Sr. Executive Director, WAPCOS were present.





## THE MONTH AT A GLANCE

25<sup>th</sup> September 2023

**D**r. Bhagwat Kishanrao Karad, Hon'ble Minister of State for Finance, Government of India, inaugurated the CPSEs Roundtable and Exhibition 2023 on the 25th September 2023 at Pragati Maidan, New Delhi. The event took place in the august presence of Secretary DPE, Shri Ali R. Rizvi; Shri Atul Sobti, Director General of the Standing Conference of Public Enterprises (SCOPE); and Shri R.K. Agrawal, CMD of WAPCOS.

During the roundtable, an exhibition titled 'CSR Story: CPSEs and Implementing Agencies' was also held at Pragati Maidan, New Delhi. The exhibition showcased the contributions of CPSEs through their CSR activities towards strengthening public health, nutrition, education, sports and others. WAPCOS was also present as a significant participant in this exhibition.





## THE MONTH AT A GLANCE

### हिंदी पखवाड़ा 2023

कार्यालय के कामकाज में राजभाषा हिंदी के प्रति जागरूकता लाने के उद्देश्य से अध्यक्ष सहप्रबंध निदेशक महोदय के मार्गदर्शन में वापकोस में दिनांक 14 से 29 सितंबर, 2023 तक हिंदी पखवाड़ा मनाया गया।

#### 19<sup>th</sup> September 2023

दिनांक 19.09.2023 को वापकोस के गुरुग्राम कार्यालय में “प्राकृतिक आपदाएं कितनी प्राकृतिक कितनी मानव जनित” विषय पर हिन्दी निबंध प्रतियोगिता से प्रतियोगिताओं का शुभारंभ किया गया। इसमें कार्मियों ने पूरे उत्साह के साथ भाग लिया।



#### 21<sup>st</sup> September 2023

दिनांक 21.09.2023 को गुरुग्राम कार्यालय में ‘राजभाषा नीतिज्ञान प्रतियोगिता’ का आयोजन किया गया। इस प्रतियोगिता में कार्मियों को राजभाषा हिन्दी से संबंधित प्रश्न दिए गए थे। प्रतियोगिता में कार्मियों ने बड़-चढ़कर भाग लिया।



#### 22<sup>nd</sup> September 2023

दिनांक 22.09.2023 को गुरुग्राम कार्यालय में चतुर्थ श्रेणी कर्मचारियों के लिए ‘श्रुत लेख प्रतियोगिता’ का आयोजन किया गया जिसमें कार्मियों ने बड़े उत्साह के साथ भाग लिया।



#### 26<sup>th</sup> September 2023

26<sup>th</sup> सितम्बर, 2023 दिनांक 26.09.2023 को गुरुग्राम कार्यालय में हिन्दी कार्यशाला का आयोजन किया गया। इस कार्यशाला में जल शक्ति मंत्रालय से श्री विजय सिंह मीना, निदेशक (रा.भा.) को विशेष रूप से आमंत्रित किया गया। उन्होंने कार्मिकों को राजभाषा नियमों तथा अधिनियमों व वार्षिक कार्यक्रम पर चर्चा के साथ-साथ वॉयस टाइपिंग द्वारा हिन्दी टाइपिंग की जानकारी दी।



## EMPLOYEES OF THE MONTH

WAPCOS recognizes employees' efforts for exemplary contribution in achievement of Turnover, New Business and Payment Realization.

### CONSULTANCY SEGMENT

#### Turnover



**Mr. Abhijeet Kumar**  
Engineer  
D & RE

#### New Business



**Mr. Kuldeep Singh**  
Engineer  
Centre for Hydro-Power

#### Payment Realization



**Mr. Kesav Sanaboyina**  
Engineer  
T & D Unit Power Division

### CONSTRUCTION SEGMENT

#### Turnover



**Mr. Vibhu Goel**  
Senior Engineer  
CMU-I

#### New Business



**Mr. Nilanjan Mitra**  
Engineer - Electrical  
Centre for Environment

#### Payment Realization



**Ms. Himanshi Bhatia**  
Jr. Assistant (Finance),  
CMU-I

### EXCEPTIONAL CATEGORY- FOR ORGANIZING HINDI PAKHWADA



**Mr. Dalip Kumar Sethi**  
Dy. Chief Manager



# WAPCOS OPERATIONS ABROAD: PRESENCE IN OVER 50 COUNTRIES



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**Insert Disclaimer:** WAPCOS Limited is proposing, subject to receipt of requisite approvals, market conditions and other considerations, to make an initial public offer of its equity shares and has filed a draft red herring prospectus (“DRHP”) with the Securities and Exchange Board of India (“SEBI”). The DRHP is available on the website of SEBI at [www.sebi.gov.in](http://www.sebi.gov.in) as well as on the website of the book running lead managers, IDBI Capital Markets & Securities Limited and SMC Capitals Limited, respectively, at <https://idbicapital.com/index.asp> and <http://www.smccapitals.com> and the websites of the stock exchange(s) at [www.nseindia.com](http://www.nseindia.com) and [www.bseindia.com](http://www.bseindia.com), respectively. Potential investors should note that investment in equity shares involves a high degree of risk and for details relating to such risk, see “Risk Factors” of the RHP / Prospectus, when available. Potential investors should not rely on the DRHP for any investment decision.”