

INSIGHT

AFCONS

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Shapoorji Pallonji
Built to last... since 1965

water

**THE
GIFT
OF
LIFE**

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Innovate, Deliver, Excel

Dear Afconians,

The last quarter has been marked by significant global developments that continue to shape the economic and strategic landscape. The ongoing trade war and geopolitical tensions with neighbouring countries have impacted the global business environment.

Amidst these challenges, we must pause to acknowledge the unwavering bravery and commitment of our armed forces. Their precise, courageous, and swift response to last month's cowardly terrorist attack on Indian tourists in Jammu and Kashmir stands as a testament to their dedication and determination to national security. The actions of our armed forces remind us of the resilience and unity that define our nation, even in the face of adversity.

As we enter the first quarter of the new financial year with renewed vigour and zeal, we are presented with both challenges and opportunities. Our foremost priority must be the timely and efficient delivery of projects. Each stage of execution must be backed by meticulous planning and proactive decision-making to avoid delays. Even seemingly minor innovations in our processes can lead to meaningful gains in efficiency and productivity.

To achieve our strategic goal of ₹25,000 crore in annual turnover, we must adopt new business models and explore alternative approaches such as increasing sub-contracting and developing an adequate vendor base for executing projects effectively. Only through fresh thinking and the smart adaptation of innovative practices can we enhance profitability and live up to the expectations of our stakeholders.

We are on a transformative journey, venturing into new markets and complex projects. This path will undoubtedly test our resilience. Yet, every challenge presents an opportunity to innovate, learn, and grow stronger. We must consistently seek out solutions that push the boundaries of what is possible, while remaining focused on our mission with agility and determination.



Krishnamurthy Subramanian

The substantial order bookings from the last financial year clearly reflect the confidence our clients and partners have in us. This year, let us build on that momentum to achieve our strategic goals. Let us start strong, remain committed, and aim to exceed our targets.

Let us take pride in what we do and, together, scale greater heights through innovation, discipline, and collaboration.

MAKING HEADLINES

High-level delegation of MEA and EXIM Bank visits Zanzibar Project



A high-level delegation of Ministry of External Affairs (MEA) and EXIM Bank of India visited Zanzibar Water Project on February 19, 2025. The MEA delegation included Ms Suja Menon, Joint Secretary, DPA-1, and Mr Ohm Meher, OSD, DPA-1. From EXIM Bank, Ms Deepali Agarwal, Deputy MD, Mr Nirmal Ved, GM, and Mr Ravi VP Singh, AGM, were present. The visit was graced by Eng Dr Salha M Kassim, Director General, Zanzibar Water Authority. Afcons' Water Segment Head Mr Shambhu Singh and Mr Dhaval Kumar Soni, General Manager, Operations, led the walkthrough of key project areas.

Indian Ambassador visits Gueyo Water Supply Project

His Excellency Dr Rajesh Rajan, Ambassador of India to Ivory Coast, visited the Gueyo Water Supply Project to review its progress on April 13, 2025. He was briefed on key developments and milestones by the Afcons team led by



Project Manager Mr AK Singh. Dr Rajan visited critical project components, expressed satisfaction with the pace and quality of work, and commended the team's efforts in delivering sustainable water infrastructure. He encouraged them to sustain the momentum and ensure timely completion. The visit concluded with a ceremonial tree plantation, symbolising environmental commitment and goodwill.

Naval Base Jetty inaugurated in Kochi

The new North Jetty at the Naval Base, Kochi, was inaugurated by the Chief of Naval Staff Admiral Dinesh K Tripathi on March 26, 2025. The project, executed by Afcons, includes a 300m-long and 18m-wide jetty designed to berth various classes of naval ships. The new North Jetty plays a crucial role in facilitating seamless naval operations while strengthening India's maritime capability.



Nzega Water Transmission Project, Tanzania

Key Highlights:

- 602km pipeline,
- 5 Ground Water Reservoirs (2,500 Cum to 100 Cum),
- 5 Elevated Service Reservoirs (500 Cum to 80 Cum)

Engineering Water

Empowering Lives

With a legacy of delivering critical infrastructure involving complex engineering across the globe, Afcons has steadily emerged as a trusted player in the water segment. It has successfully executed water supply and irrigation projects across Africa and India, bringing clean drinking water and irrigation support to millions.

In Africa, Afcons has completed notable projects such as the Chalinze Water Supply Project and Nzega Water Transmission Project in Tanzania, and the Upgradation of the Deka Pumping Station and River Water Intake System in Zimbabwe. These projects have significantly improved access to potable water, transforming the daily lives of communities in the region.

One of Afcons' most impactful contributions to India's water infrastructure is the Annaram Barrage under the Kaleshwaram Lift Irrigation Project (KLIP), the world's largest multi-stage lift irrigation system. Spanning 1,270 metres with a capacity of 10.87 TMC, the barrage is a lifeline for nearly 20 million

people in Telangana. Another key project is the ongoing Rural Water Scheme in Jaunpur, Uttar Pradesh, which aims to deliver piped water supply to over 5.41 lakh households, ensuring reliable access to safe drinking water in rural areas.

Afcons is currently executing five water supply projects in Benin, Tanzania, Rwanda, and Ivory Coast, further strengthening its footprint across Africa.

In India, major ongoing water infrastructure projects include the Basania and Raghavpur Multipurpose Dam Projects in Madhya Pradesh, and the Jamrani and Song Dam Projects in Uttarakhand. In Madhya Pradesh,

Afcons is executing the Jabalpur Multi Village Scheme in Jabalpur district and the Indrasagar-I Multi Village Scheme in Khandwa and Khargone districts as part of major water supply projects. In Maharashtra, Afcons is constructing an 8.65km treated water tunnel under the CIDCO Water Tunnel Project, aimed at increasing water supply in the Mumbai Metropolitan Region from 150 MLD to 270 MLD. It is also constructing 7.15km long water conveyance tunnel project from Mulund to Kasheli. Collectively, these projects will significantly enhance access to both drinking water and irrigation for millions.

Afcons' ability to deliver complex

projects in diverse and challenging geographies reflects its engineering prowess and commitment to excellence. Whether tunnelling through mountainous terrain or executing projects across the African continent, Afcons stands for innovation, scale, and sustainable impact.

Looking ahead, Afcons aims to deepen its engagement in the global water sector by pursuing large-scale, complex, and climate-resilient projects that create lasting value. With a focus on innovation, sustainability, and community impact, Afcons remains committed to building future-ready water infrastructure that supports both people and the planet.

Annaram Barrage, Telangana

1270m long barrage with capacity of 10.87 TMC, impacting around 20 million people



Chalinze Water Supply Project, Tanzania

Key Highlights:

10 boosting stations, Expansion of water treatment plant from 12 MLD to 21.5 MLD, 225km pipeline including 218km HDPE, 18 water storage reservoirs (ground & elevated)



As per the Engineering News Record's, USA 2024, Afcons is ranked among the Top 140 international contractors globally, with rankings in key segments:

12th in Aqueducts

38th in Water Supply

12th in Bridges

14th in Marine & Ports

45th in Transportation

Upgradation of Deka Pumping Station and River Water Intake System, Zimbabwe

Key Highlights:

42km pipeline, to increase Hwange Power Plant's capacity by 600MW, refurbishment of ZINWA pump house in Hwange



Wastewater – Saviour in Construction



At Afcons, sustainability is not a buzzword—it is deeply embedded in our operational ethos. We integrate eco-conscious strategies across all phases of construction, with a particular focus on water, our most critical resource.

Recognising the significance of water, a precious resource, in infrastructure development, we prioritise its conservation and sustainable management. We source water responsibly from surface water, groundwater, seawater, and treated water, always guided by our commitment to minimise freshwater usage.

We are strong proponents of using treated wastewater, especially for non-potable requirements, to reduce the demand for freshwater sources and

enhance environmental sustainability. We have established robust water conservation measures across all our projects. Beyond just efficient utilisation, we have set up efficient water recycling systems within our projects. This not only allows us to reuse water but also significantly reduces our demand for fresh water.

A compelling example is the Bangalore UG Metro Project, where Afcons anticipated a requirement of nearly 300 million litres of water to operate two slurry Tunnel Boring Machines (TBMs). Given the acute water scarcity in Bangalore—particularly during the summer months—and the environmental impact of over-extracting groundwater, our team sought sustainable alternatives.

We identified treated water from the Lalbagh Tertiary Treatment Plant (TTP) as a viable solution. After successful testing, this treated water was adopted for the entire TBM operations and construction activities. Quarterly quality checks ensured consistent performance and compliance with operational standards for a period of two years.

This initiative not only conserved potable groundwater but also resulted in significant cost savings compared to borewell water—demonstrating that sustainability and cost-efficiency can go hand in hand. It now serves as a benchmark model for future infrastructure projects.

We, at Afcons, view every drop saved as a step towards building sustainable infrastructure for future generations.

Our commitment to water conservation is evident from the below mentioned measurable outcomes we've achieved:

- In FY24, over 27% of the total wastewater discharged at our project sites was recycled.
- Improved wastewater recycling by 11% year-on-year.
- Treated water is also being actively used for greenbelt development, including tree plantations and landscaping.
- By optimising water use in concrete production, we saved 88 million litres of water as of 31 March 2024.
- With this momentum, we are on track to save over 100 million litres of water by 2027.



BANGALORE UG METRO PROJECT

Lalbagh TTP Plant, Bangalore (top)
STP Plant, Bangalore (below)

Tallest Precast Segment erected in Maldives

The Greater Male Connectivity Project team has successfully erected the Tallest Precast Segment in the project using Derrick. The gigantic segments measure 8.23 metres in height and 25.37 metres in width, each weighing 216 metric tonnes. The team overcame several significant challenges, including harsh weather, working in waters as deep as 28m, and strong sea currents.



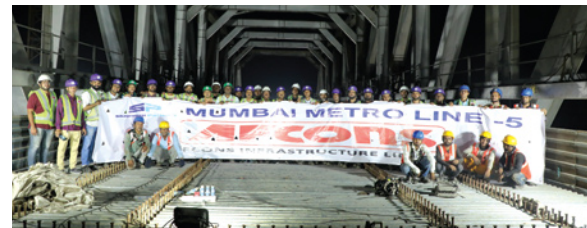
MD takes over as Chairman of PEPC

Managing Director Mr S Paramasivan assumed the role of Chairman of Project Export Promotion Council (PEPC) on March 24, 2025 in New Delhi. Mr AR Soni, EVP and Head – Corporate Affairs, L&T, is the new Vice Chairman. Mr Paramasivan, who previously served as Vice Chairman from 2023 to 2025, will now lead PEPC for a two-year term. The newly elected team, led by Mr Paramasivan, also met Hon'ble Minister of Commerce, Shri Piyush Goyal, to seek his guidance and support going forward.



DPA Chairman visits Tuna Tekra project

Mr Sushil Kumar Singh, Chairman, Deendayal Port Authority (DPA), visited the Development of Container Terminal Project at Tuna Tekra – Kandla, Gujarat, on 18 February 2025, accompanied by Mr Ravindra Reddy, Chief Engineer, DPA. Mr I Vidya Sagar Babu, Project Manager, Afcons, along with the Afcons and DP World teams, welcomed the delegation, conducted a project review, and commended the team's efforts.



65m-long OWG launched at Mumbai Metro Line-5

The Mumbai Metro Line-5 team successfully launched a 65-metre-long, 432 MT Open Web Girder (OWG), connecting Thane to Kalyan, over Vasai-Diva railway line at Anjurphata. The OWG measuring 12.7m wide and 10.2m high, comprises over 30,000 HSFG bolts. The launch was executed in two stages using Strand Jacks and Hillman Rollers with a nose arrangement, during two railway blocks in April 2025.

AWARDS & APPRECIATIONS



Triple treat at India Green Awards 2025

Three projects bagged awards in different categories at the India Green Awards 2025, recognising Afcons' commitment to sustainability and environmental excellence across key urban infrastructure projects:

- ♦ **Delhi Metro DC-05 project** – Green Commercial Project of the Year
- ♦ **Delhi-Meerut RRTS PKG-8 project** – Green Innovation Award of the Year
- ♦ **Kanpur UG Metro project** – Green Excellence Award in Environmental Management (Metro Project), and, Mr Gyanendra Pratap Singh, Senior Manager (HSE) – Top Sustainability Champion Award.

Special recognition for Kanpur UG Metro

Kanpur UG Metro project has been honoured with a Certificate of Appreciation for Best Maintenance Practices at the prestigious FICCI Awards for Excellence in Plant Maintenance Systems. Afcons was recognised in the large-sized organisations category, marking its first participation and recognition for maintenance practices.



BBS Award for Agra UG Metro

The Agra UG Metro Project has received 'Long Term Planned Intervention Safety Culture Transformation Award' in Construction Sector. The award recognises excellence in Occupational Safety & Health for Corporates, and Afcons is the only company from construction sector to win this award.

Jamnagar team wins HSE Rolling Trophy

The Jamnagar project team won the HSE Rolling Trophy for February 2025 for its PV Manufacturing Facility project in Gujarat. The trophy, initiated by Reliance Industries Limited (RIL) and Worley in December 2024, recognises outstanding contractor safety performance.

5 Million Safe Man Hours at HSR-C2 project

National High Speed Rail Corporation Limited (NHSRCL) issued a Certificate of Appreciation to Afcons for achieving 5 Million Safe Man Hours as of 31 January 2025, at the Mumbai-Ahmedabad High-Speed Rail Package C-2.

National Safety Day Celebrations

Afconians across India celebrated National Safety Day on March 4, 2025. The occasion was marked by several safety awareness events and initiatives, including safety quizzes, health camps, and safety training sessions, at various sites and the Head Office (HO).



At HO, two new apps—Incident Investigation and Behavioral-Based Safety (BBS)—were launched by the Top Management. Another significant step in strengthening our HSE Management System (HSE MS) was the introduction of System Process Procedures & Standard Operating Procedures (SOPs).

Mr Krishnamurthy Subramanian, Executive Vice Chairman, Mr S Paramasivan, Managing Director, Mr R Giridhar, Deputy Managing Director, Mr V Manivannan, Director – CPE, Mr Satish Paretkar, Director – Hydro & Underground and Water BU, Mr Gokul Javalikar, Director – Marine & Industrial BU, Mr R Anantakumar, Director – Urban Infra and Surface Transport BU, Mr KNM Rao, BU Head – Hydro & Underground, and Mr Shambhu Singh, BU Head – Water Segment, were present on the occasion.

Thought Leadership Initiatives



Mr S Paramasivan, Managing Director



Mr Sandeep Desai, Head – Information and Business Process Group

Afcons leaders share industry insights at InfraBuild India Conference

Managing Director Mr S Paramasivan delivered the keynote address on 'Infrastructure Industry Perspective' during the 4th InfraBuild India Conference, organised by Indian Infrastructure and held in Mumbai on February 18, 2025. Mr Sandeep Desai, Head – Information and Business Process Group, also participated in a CXO Roundtable on 'Digital Technologies for Building Resilient and Sustainable Infrastructure'.



Afcons shares stilling basin challenges at Dam Safety Conference

Mr Satish Paretkar, Director – Hydro and Water, along with the Hydro BU team, presented a case study on 'Design Challenges of Insufficient Stilling Basin: Insights from the Annaram Barrage, Kaleshwaram Lift Irrigation Project, Telangana'. The presentation was delivered at the International Conference on Dam Safety, held in New Delhi on February 10, 2025.

Afcons stands out at Women in Construction conference



Ms Tejaswini Joshi, Assistant General Manager, and Dr Shashi MM Goswami, Manager from HR participated in Construction Week's Women in Construction 2025 conference, held on March 21, 2025, in Mumbai. Their participation highlighted Afcons' commitment to fostering gender diversity and inclusion within the industry.



HR CORNER

◆ Contract Managers Development Program Phase-4 and Project Coordinators Development Program Phase-3 were conducted at NICMAR, Hyderabad, and at HO, respectively

◆ CPE and Electrical Trainings on SAP PM Module, Operation & Maintenance of Jack up platforms & Barges, Piling Rig, and Engines, Preventive & Predictive Maintenance, Crushing Equipment, Hydraulic Excavator, Concreting Equipment, DG Sets & Synchronisation, PLC and Controls, SCADA, Installation,

Troubleshooting & Maintenance of RMS system, and Variable Frequency Drive & Power Cables were conducted virtually and at sites

◆ Other trainings such as Implementation of QA/QC Systems & Lean Principles, Junior Management Development Program and Middle Management Development Program phase 1 & 2, Trainees Induction Planning, Training on Labour Laws, Oral Communication, and Planning & Organising were held virtually and at sites.

Awards

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Afcons wins Global MIKE Award for seventh year in a row



Afcons Infrastructure Ltd won the Most Innovative Knowledge Enterprise (MIKE) Award 2024, both at the Global and India levels. This marks the seventh consecutive year that Afcons has won the award. Afcons is the only infrastructure company globally and only Indian company to achieve this distinction. The awards were received by Mr Sanket Rudre and Mr Pankaj Sharma, on behalf of Afcons, during an award ceremony held in Bangkok on March 14, 2025.

Chenab Bridge wins Trailblazing Special Infrastructure Award

Chenab Railway Bridge project won the Trailblazing Special Infrastructure Award at the Build India Infra Awards 2025. The award recognises Afcons' outstanding contribution to India's infrastructure development. Mr BK Arora, Vice President, Business Development, Afcons received the award at a ceremony held in New Delhi on February 24, 2025.



Afcons among India's top 500 Most Valuable Companies

Afcons has been recognised among the Top 500 most valuable companies in India by the 2024 Burgundy Private Hurun India 500 list. This recognition highlights Afcons' continued commitment to value creation and its significant role in shaping the economic landscape of India.



Being part of this prestigious list places Afcons among the elite group of companies that are driving India's growth and dynamism. It underscores the hard work, dedication, and innovative approach of our teams at Afcons. The 2024 Burgundy Private Hurun India 500 list, a collaboration between Axis Bank's Burgundy Private and Hurun India, is widely regarded as a benchmark for corporate success in the Indian economy.

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