Solid Constructs 'Annual Review, Trends and the Way Forward'

hile facing macro-economic fluctuations pertaining to a series of global blues, Indian construction industry has remained stable with a persistent and gradual growth.

Being the key driver for the Indian economy, the sector has the benefit of continuous governmental focus to initiate such programmes for developing avant-garde infrastructure in the country.

In Union Budget 2022-23, the govt. has given a massive push to the infrastructure sector by allocating ₹10 lakh crore (US\$130.57 billion) to enhance the infrastructure sector.

The government expanded the 'National Infrastructure Pipeline (NIP)' to 9,335 projects. The sector acts as a catalyst for propelling India's overall development. About 42% of the projects in the NIP are under implementation. Another 19% is under a development stage, while a big 31% is still in the conceptual stage.

During the fiscals 2020 to 2025, sectors such as Energy (24%), Roads (19%), Urban (16%) and Railways (13%) amount to around 70% of the projected capital expenditure in infrastructure in India.

With a forecast for India to become the third-largest construction market globally, it has a requirement of investment worth ₹50 trillion (US\$ 777.73 billion) across infrastructure for a sustainable development in the country.

In December 2021, the Ministry of Road Transport and Highways of India (MoRTH) announced investment worth ₹7 trillion (\$92.4 billion) for infrastructure projects to be spent over the next 2-3 years.

The industry's growth will also be supported by the government's plan to significantly increase the stock of affordable housing units for low-and middle-income groups, under the 'Housing for All' program.

Between 2023 and 2026, the construction industry is expected to register an average annual growth of 6.2%, supported by investment under the 'Pradhan Mantri Gati Shakti Master Plan'.

Let's have a look at Industry Stalwarts' opinions on the country's Construction Business 2022 with the year rounding up along with their predictions!

EACK Dec

December 2022



Dr. P. R. Swarup **Director General** Construction Industry **Development Council (CIDC)**

"We had mixed results. At one hand, there were great strides due to unshackled markets getting free from the clutches of Corona, while at other, industry faced impedances due to pandemic and its consequential effects. On the positive side, nation went on executing major projects with high investments assisting the industry to grow fast. On the flipside, the inertia that had set in, lead to resource crunches and thereby to stymied work pace.

It is heartening that the inertia, created due to the last two years delayed work processes, has weaned now encouraging Indian Construction industry to move ahead with full steam. Upcoming year is quite promising one with an extensive mix of peaking workloads, ranging from new infrastructure development to rehabilitation or replacement of existing infrastructure."

"The Indian construction market presents opportunities for more than 10% growth rate. Top five players competing with others for a significant share leave the Indian construction market with no observable levels of consolidation. Constructions as a whole involve processes, systems, facilities, technologies, networks, assets and services that are essential to the health, safety, security or economic well-being of every citizen. Efforts towards infrastructure development is continued to focus on the key areas of physical and social infrastructure.

The effective functioning of government during any emergency lies in collaborating with other departments, stake holders and agencies, and lifeline facility managers to enhance the resiliency against all impending hazards. India, while stepping up public investment in infrastructure, has been actively engaged in involving private sector to meet the growing demand. The provision of quality and efficient infrastructure services is essential to realize the full potential of the growth impulses surging through the economy. India's built-infrastructure is vulnerable to disasters, whether natural or human-induced or intentional.

Real estate growth in the unorganized sector for the last one decade remains more or less unabated. The existing urban infrastructures, particularly in more than 400 class-I cities in India



Dr. Chandan Ghosh Professor & Head Resilient Infrastructure Division National Institute of **Disaster Management** Ministry of Home Affairs Govt. of India

have the potential to go wrong during future disastrous event."



Raiesh Nath Managing Director VDMA India Services Pvt. Ltd. German Engineering Federation (VDMA)

"Under the National Infrastructure Pipeline there are presently 2119 projects under 34 sub-sectors underway. The total outlay is around 1.4 trillion USD, out of this 19% on roads and highways, 16% on urban infrastructure and 13% on railways. Hence Infrastructure will continue to be the main driver for the construction equipment industry. The Indian Construction Equipment industry is presently valued at 5.2 billion USD and expected to grow to 8.7 billion USD by 2028 at a CAGR of around 9%."

Infrastructure and Equipment Growth

To raise additional financing to implement infrastructure development, the government launched the National Monetisation Pipeline (NMP) in August 2021. The plan focuses on raising financing from the private sector by leasing out state-owned infrastructure assets from FY2021/2022 to FY2024/2025 and investing the revenue generated on new infrastructure projects. Forecast-period growth will also be supported by the government's plan to complete the construction of 23 new highway and expressway projects by FY2024/2025, with an estimated investment of ₹3.3 trillion (\$46 billion).

Furthermore, as a part of the Sagarmala project, the government plans to invest ₹5.8 trillion (\$82 billion) on port infrastructure and modernization projects between 2015 and 2035. The equipment segment has grown gradually with resumption of halted construction projects and newer development activities. With an estimated growth from USD 180.4 billion in 2022 to USD 223.1 billion by 2027 at a CAGR of 4.3% over the same period.

The earthmoving segment is the largest in the Indian construction industry, followed by material handling and road construction equipment. Excavators and Backhoe loaders were the fast-growing major construction equipment in the market.

The demand for excavators and backhoe loaders will rise due to various government investments in infrastructure development, growth in renewable energy and the country's mining industries.

Various civil engineering works and smart city projects prompt demand for mini excavators in the market. The real estate and affordable housing projects support the demand for large towers and fixed cranes in the Indian market.

The infrastructure investment and the national infrastructure development plan drive the construction industry growth.



Dimitrov Krishnan Managing Director Volvo CE India "Thanks to a surge in capex allocation in this year's budget and Government's unrelenting focus on 'Atmanirbhar Bharat' and 'Make in India', the construction industry will likely record significant growth in 2022. There is a marked upswing in construction activity – from roads, tunnels, bridges, ports, airports and rail networks to waterways, irrigation and mining projects to social, urban and green infrastructure and beyond.

Going forward, we see 2023 as 'peak year' for the industry with maximum new projects coming online and the entire ecosystem even better prepared to capture growth opportunities in the sector. Over the next five years, Indian construction industry is expected to show robust growth numbers, supported by massive investments under the PM Gati Shakti Master Plan and National Infrastructure Pipeline."

"The Indian Construction business has seen growth in 2022, especially being a year after the pandemic, we have seen a recovery. There is a renewed focus and investment on infrastructure building projects and development of the logistics ecosystem. The Gati Shakti Master Plan, the newly introduced National Logistics Policy along with various projects under the Sagarmala programme and National Infrastructure Pipeline are all indicative of the burgeoning opportunities for the Indian Construction business.

Considering 2024 will be an election year, we anticipate higher emphasis on infrastructure development in 2023, which should yield growth for the sector. There are definitely some challenges such as costs of raw material along with few supply chain constraints which have led to an increase in the overall cost of construction equipment, however these are being dealt with as we move forward."



Sunil Puri Managing Director -India & SAARC Operations CNH Construction Equipment India

Increasing Investments in Indian Infrastructure

FDI in construction development (townships, housing, built-up infrastructure and construction development projects) and construction (infrastructure) activity sectors stood at US\$ 26.20 billion and US\$ 27.92 billion, respectively, between April 2000-March 2022.

The country is currently an epicentre of new generation infrastructures smart cities, smart highways, airports etc., for which the government has an ambitious plan of spending over 100 lakh crores over the next five years. This is will give a boost to several sectors, create new jobs directly and indirectly, and eventually boost the commercial market, thereby propelling the country's economic growth.

Infra Projects Driving the Market

More than 610 projects (costing INR 7.78 crores) have been identified for implementation as part of the Sagarmala Program between 2015 and 2035 in the areas of port modernization and new port development, port connectivity enhancement, port-linked industrialization, and coastal community development. Bharatmala Pariyojana is a new highways umbrella program that focuses on improving the efficiency of freight and passenger movement across the country by bridging critical infrastructure gaps with effective interventions such as the development of Economic Corridors, Inter Corridors and Feeder Routes, National Corridor Efficiency Improvement, Border and International Connectivity Roads, Coastal and Port Connectivity Roads and Green-field expressways.



Paul Wallett Regional Director Middle-East and India Region Trimble

"The Indian construction industry bounced back in 2022 and has emerged stronger and more resilient from the pandemic. However, the continuing inflation and increase in input material prices are going to be a major concern for the coming year, putting greater pressure on margins and profitability.

Fortunately, we are witnessing a greater reliance on digitalization and tech adoption among construction companies to address the issues of low productivity and efficiency on one hand and material and fuel wastage on the other. The accelerated digitalization that we saw during the pandemic has now spread wider and deeper - with more mid-sized and smaller companies willing to invest in BIM and cloud collaboration tools; even as early adopters are now looking to digitalize their workflows end-to-end to unlock more efficiencies and productivity."

"The construction industry of India is an important indicator of the development as it creates investment opportunities across various related sectors. The construction market in India is one of the largest in the world and play a powerful role in economic growth of the country. India's population is growing, which would lead to enhance demand for new construction. The covid 19 pandemic exposed the shortages in health facilities in India, requiring the construction of hospitals and quarantine facilities within very short timelines. This trend reintroduced the use of new construction techniques in mainstream architecture, other issues are time and cost overruns faced by various projects.

Government focus to speed up infrastructure like power, ports, roads, freight corridors, industrial hubs etc. are the drivers for the construction & construction chemical industry. To execute the jobs and provide after sales service, which will be monitored and supported by team of STP Ltd. Engineers and technical operators, would be the emerging trends, for a no error, construction chemical business."



Hasan Rizvi Sr. Vice President STP Ltd.



Ganesh W. Jirkuntwar Sr. Executive Director & National Manufacturing Head Dalmia Cement (Bharat) Ltd. "The Indian economy has rapidly moved to a stage of recovery and is estimated to grow at 7.5% in FY23 as per govt. estimate. Latest reports from the Indian government reveal that core infrastructure sectors grew 10.4% in FY22 after a contraction of 6.4% in FY21, during the pandemic.

The cement industry, along with two other sectors, has shown that it is on a sustained recovery path, among the output of eight core infrastructure sectors. That said, growth momentum is likely to pick up further with govt sustained spending on infrastructure, expansion of rural and urban housing activities and uptick in demand for commercial real estate. This macro factors presents great opportunities for construction sector in India.

India's construction sector is expected to grow at an annual average rate of 6.6% in this decade and it is expected to become USD 1 trillion market by 2025, third largest in the world only behind China and America. Various govt schemes like 'PM Gati Shakti', 'NIP' etc. are going to add further to this sector."

Real Estate & Housing

Ministry of Housing and Urban Affairs: In the Union Budget 2022-23, the government announced ₹76,549 crore (US\$ 9.85 billion) to the Ministry of Housing and Urban Affairs.

Tax Benefit: The Union Budget 2021 provided policy impetus to achieve the 'Housing for All by 2022' vision through various measures such as extension of tax relief for the affordable housing segment.

As per Union Budget 2021, the government announced a tax proposal for an additional deduction of ₹1.5 lakh shall be available

for loans taken up until March 31, 2022, for purchase of affordable house.

The government also plans to construct 19.5 million houses, ensuring electricity to rural households, providing clean drinking water to all households by 2024, and offering pension benefit to over 30 million small traders and shopkeepers.

Some of these measures such as construction of houses, roads and highways, state-of-the art bridges, railways, renewable, ports, airports, metros etc. already undertaken through government spending, are showing positive results.

"Today, a home is more than just a place to live; it is an experience that the entire family cherishes every day. The pandemic has undoubtedly caused a shift in thinking, particularly among millennials who are now more interested in buying a home than ever before. Due to the security that comes with owning a physical asset, demand has soared. Rising energy prices had a short term influence on the energy-intensive manufacture of cement, bricks, steel and concrete.

The cost of these raw materials had increased by about 20% as of March 22, and had a short term impact on the consumer sentiment as the demand continued to stay robust. The 'Pradhan Mantri Gati Shakti Master Plan' investment is intended to sustain the construction industry's 6.2% average annual growth. The National Infrastructure Pipeline (NIP), which will invest INR 111 trillion (\$1.5 trillion) between fiscal years FY2020 and FY2025, would also support the industry's output (April 2019 to March 2025)."



Harsh Vardhan Patodia President CREDAI National



Aarti Harbhajanka Advisor MAHA-RERA; Co-Founder Primus Partners "The Real Estate and construction industry is a driver of the country's economy and is foundational for increasing the nation's overall growth. Over the forecast period, the growth momentum is predicted to continue, recording a CAGR of 9.5% from 2022 to 2026. While the industry has been marred by issues of lack of accountability and transparency, RERA's constant monitoring and encouragement towards timely delivery of projects has brought back transparency among homebuyers.

Furthermore, State Real Estate Regulatory Authorities are working to revive stalled and abandoned housing projects which have allowed developers and consumers to gain support and clarity from the regulatory bodies. While PMAY has been extended till 31st Dec. 24, the original deadline for providing incentives for affordable homes was March 22. A total of 12.26 million homes have been sanctioned thus far, of which 61.77 lakh have been finished, according to PMAY. Hence, the focus for 2023 would also be to keep improving the path set out by the honourable PM and realize the dream of providing 'Housing for All'."

New Trends and Tech Advancements

The construction industry 2022 witnessed a niche category of trends, namely:

Smart and Sustainable Cities

Smart cities have emerged as a possible solution to sustainability problems deriving from rapid urbanization. They are considered imperative for a sustainable future. The steep growth in urban population and the subsequent increase in resource consumption will inevitably create numerous challenges for cities. This fact highlights the importance of shifting paradigms in the way cities work in terms of sustainability.

In Union Budget 2021, the government announced ₹13,750 crore (US\$ 1.89 billion) to AMRUT and Smart Cities Mission. An urban renewal and retrofitting programme launched by the Government of India to develop smart cities and make them citizen friendly and sustainable. Those cities are improving the complexity of the construction process. Building smart megaprojects requires intense upfront planning in prior and state-of-the-art management all along the way.

New Construction Modes

Modular and prefab construction took roots in the 1940s but are making a comeback over the past few years. They enable quick assemblage and lower costs, responding to the housing crisis around the world.

The popularity of those structures built off-site and then delivered to the intended location is rapidly growing. 3D printing is another game changer for the construction industry. This technology offers undeniable labor and material cost-cutting benefits and is finally coming to maturity, in response to growing demand worldwide for affordable construction solutions.

"Analysis of the workload demands will point out the peaking need for rehabilitation or replacement of existing infrastructure. This, in turn, would be the bigger draw for the ingress of newer technologies. Two major market segments prominent in this direction are the bridges and buildings. Here health assessment, rehabilitation planning, and project execution are going to be larger than the current Indian construction market volumes, and early movers would be the best gainers."



Dr. P. R. Swarup Director General Construction Industry Development Council (CIDC)



Dr. Chandan Ghosh Professor & Head Resilient Infrastructure Division National Institute of Disaster Management Ministry of Home Affairs Govt. of India "As the rate and severity of disasters increases, so does the possibility that disruption of critical infrastructure could result in widespread effects, cascading across borders and sectors, rapidly escalating from local to national levels and causing loss of life and properties. In order to make built-infrastructures disaster resilient it is recommended that:

All state governments and all local bodies (urban & rural), development authorities, special and new town development agencies, etc need to modify, revise, revamp the existing building byelaws; development control rules; planning standards; town planning rules; special regulations for fire, structural, health, construction, electric and life safety, in line with the NBC-2016 by suitably adopting fully or adapting it with local variation as may be needed.

NBC-2016 to be adopted as the basis for all structural design, fire protection, building and plumbing services, building materials and construction practices (and construction safety) and for proper protection, upkeep & maintenance of water bodies by modifying the departmental construction codes/specifications/manuals of Govt. construction departments."

"Whereas other industries have already adopted digital processes, selling methods (e-commerce), service delivery etc. construction has so far remained an industry characterised by manual processes and traditional methods. Some aspects of construction are being digitalised faster than others, for example the design phase, for which Computer Aided Design (CAD) has been used for many years and is increasingly being replaced by Building Information Modelling (BIM).One of the tasks for the future is the digitalization of the construction site. Although this is currently on everyone's lips, it has so far made little impact in the real world. A digital construction site is the vision of a fully digitalized, highly automated and customizable construction site."



Rajesh Nath Managing Director VDMA India Services Pvt. Ltd. German Engineering Federation (VDMA)

Protective Equipment

The industry is also witnessing a rise of machines capable of identifying common safety issues and eliminating those threats one at a time. Wearable innovations are making their way to the job site with work boots that connect to Wi-Fi and alert others if a person has fallen.

Material-moving "mules" transport heavy or hazardous materials, and tasked robots construct scaffolding or lay bricks autonomously. Headsets can even actively reduce noise pollution while keeping workers in tune with their surroundings.

Bolstered Safety Measures

Safety on site is not a new concern for construction companies. The construction industry is associated with the highest risk of fatal accidents at work. The coronavirus pandemic has yet introduced new safety protocols. Amongst them:

- Wearing masks
- Stricter hygiene protocols
- Physical distancing
- Regular covid-19 testing and onsite temperature scans.

Besides those covid-19 safety measures, the focus is really on risk prevention in the workplace. A growing number of construction companies are now prioritizing workers health and safety. From redesigned equipment for women to new digital technologies, companies are investing in all kinds of risk preventions. All of which aim to prevent hazards upfront, in order to minimize the chance for accidents to occur.



Dimitrov Krishnan Managing Director Volvo CE India

"Emerging technologies along with uncompromising, eco-friendly approach to business are impacting the Indian construction industry like never before. Specific focus on innovation, automation & electromobility is driving the industry forward. The new trends we witness in industry today are remote operations and cloud-based collaborations powered by data-driven digital technologies, Ai, IoT, robotics, machine learning and more. These are complemented by adoption of advanced materials and processes in constructions, and best practices to ensure low-carbon, low-waste, health and safety along side high productivity and efficiency."

"Digitization and technological integration of equipment will continue to overpower in the years to come. IoT, data analytics, telematics and machine learning will be more deeply incorporated into equipment and process design. To provide superior equipment, we are open to implementing new techniques and technologies that are supported by extensive study. A significant trend in the near future will also be the use of alternative fuels alongside hybrid vehicles. We see OEMs already making efforts to implement these changes in their global and domestic offerings. Also, pressure on customers' cost of ownership and operating cost may result in higher acceptance of pay per use concept."



Sunil Puri Managing Director -India & SAARC Operations CNH Construction Equipment India

Efficient Technology

Experts see blockchain technology improving relationships in the construction industry — it's a powerful component in providing a more secure and fast-moving workflow that allows all involved parties access to improved productivity. It is important for construction professionals to stay up-to-date with the latest data on technologies that improve construction efficiency in order to best determine which ones are most beneficial and worth the investment.

Development of New Construction Materials

Construction leaders are under increased pressure to cut construction material costs and find sustainable materials. These two trends in construction industry efforts have led to many in the sector developing new building materials that meet both of these aims. Some of them involve recycling construction and demolition (C&D) waste to create engineered wood or aggregate. Such efforts reduce the overall quantities of construction materials ending up in landfills.



Paul Wallett Regional Director Middle-East and India Region Trimble

The end goal for all companies remains the same: how to maximize efficiencies so that they can improve project margins and finish projects on or before time so that they have resources available to bid for more projects. And as a technology solutions provider, we want to make the digitalization process affordable for companies of all sizes. Our industry-leading solution Tekla Structures is available on subscription allowing customers to pay for technology as per their project requirements."

"Sustainable construction will be another important driver for technology adoption in 2023, and here again, technologies like constructible BIM, IOT, Robotics, and Augmented or Mixed Reality will see greater consideration and adoption among leading construction players as they move towards minimizing wastage of materials and energy across all their projects."



Hasan Rizvi Sr. Vice President STP Ltd.

"People are becoming more quality conscious and want cost effective products. No one likes to compromise on quality so it won't be correct to say that people are inclined towards cheaper but reliable products. As far as STP Ltd. is concerned, they are introducing new cost effective, innovative technology like ShaliSeal RSTC for the construction industry. Construction cost has also risen significantly, forcing construction companies and clients to find new and cost-effective ways to deliver projects. STP Ltd. a Berger group company is among the top Construction Chemical company in India and are providing cost effective construction chemicals, admixtures, grouts, sealant and waterproofing products for the construction industry.

Trained manpower for the construction chemical sector is in short supply. STP Ltd. is in the process to introduce an institute for waterproofing & protective coating to train, people associated with STP Ltd. & Construction Chemical industry.

There are number of small scale industries & distributors which import material and supply in the market. For STP Ltd. higher volume, economy of scale and introduction of new products ranges with cutting edge technologies has put us ahead of competition in the market. STP is the most trusted name in the field of Construction Chemicals, because of its Quality & Service and is the most preferred brand in the Indian market."

"Technological trends are shaping the future of construction industry like never before. Every construction company today is convinced that technology is poised to impact their top-line as well as bottom-line and harping on leveraging tech to the fullest. From artificial intelligence to robotic automation – an incredible array of developments are helping in improving the industry operations across entire value chain.

As one of the country's leading cement manufacturers, we are already harnessing the opportunity and power of technology in our manufacturing, logistic and sales operations. At our 14 manufacturing plants across India, we have implemented Industry 4.0 technologies and IIoT for process optimization, enhanced productivity, superior scheduling, load balancing and performance management. We believe that technology will also help in mission to achieve carbon neutrality in near future. All our forthcoming expansion will be equiped with latest technology for gaining competitive advantage over others."



Ganesh W. Jirkuntwar Sr. Executive Director & National Manufacturing Head Dalmia Cement (Bharat) Ltd.

Green Building

A green building is ecologically designed so that it is responsible to the environment and uses natural resources efficiently in all the processes throughout its lifespan. In India, green building certification is given by bodies such as the Indian Green Building Council (IGBC) and Green Rating for Habitat Assessment (GRIHA).

here are five main types of sustainable green buildings:

Passive: Passive design in green buildings stands for using natural energy sources for the betterment of the environment.

Active: These are green buildings with a mechanism that traps the heat produced by the structure inside it.

Integrated: Under the integrated green building design, structures are constructed with a holistic approach.

Hybrid: Hybrid buildings combine different design ideas and patterns from the modern and traditional construction elements.

Net Zero: Net zero energy buildings use renewable resources in their construction.



Harsh Vardhan Patodia President CREDAI National

"The construction and real estate sectors are undergoing a digital change owing to technological developments. Construction companies are using cutting-edge technology like artificial intelligence (AI) and the internet of things (IoT) to eradicate ingrained inefficiencies and low production. There is a possibility to reduce the environmental impact of construction projects as a result of digitization.

AR systems can display important information about the equipment when a user inspects its components or can display warnings when there are issues. Real estate experts may create in-depth illustrations of a property's possible hazards and opportunities based on location and other considerations. Proptech Big Data Analytics makes it possible for research to be conducted at a granular level that was previously unattainable."

"The construction sector now has new opportunities owing to rapid technological advancements. Due to the reduced costs of sensors and related hardware, HD photography, 3D laser scanning, geographic information systems and other techniques that enhance operational efficiency have seen rapid adoption.

It is anticipated that cloud-based collaboration solutions will address the gap in ongoing construction. In the construction industry, drones can examine a site far more quickly than traditional methods, which otherwise might take weeks or even months."



Aarti Harbhajanka Advisor MAHA-RERA; Co-Founder, Primus Partners

Increased Reliance on Women in Construction

There's no quick fix to the labor shortage. However, one of the trends in the construction industry that's getting attention from other news outlets is the growing evidence of women entering the sector to help fill employment-related gaps.

Recruitment campaigns targeting women have led to a more than 50% jump in females taking construction roles over the past decade or so. Many such positions don't require a college degree. Another advantage is that the pay gap between men and women in construction is typically much smaller than in other sectors.

Supply Chain Technologies

Many trends in the construction industry focus on reducing weaknesses. Doing that gives the affected individuals a stronger competitive advantage. Today's leaders in the sector face increased pressure on the bottom line. Some pursue supply chain technologies to reduce extra expenses associated with stockouts or surplus items.

Some high-tech supply chain platforms also have forecasting features. They allow people to react to possibly detrimental construction industry trends in time. Increased impetus to develop infrastructure in the country is attracting both domestic and international players. Private sector is emerging as a key player across various infrastructure segments.

In order to boost the construction of buildings in the country, the Government of India has decided to come up with a single window clearance facility to accord speedy approval of construction projects.

According to the Department for Promotion of Industry and Internal Trade (DPIIT), FDIs in the construction development sector (townships, housing, built up infrastructure and construction development projects) and construction (infrastructure) activities stood at US\$ 26.20 billion and US\$ 27.92 billion, respectively, between April 2000-March 2022.

As can be seen, 2023 is shaping up to be a fantastic year for construction. With technological advancements and high demand for services, the only way to go is up. With an emphasis on rebuilding infrastructure, sustainable buildings, and smart cities, construction companies that embrace the industry's changing landscape will have more opportunities.

When we look back, we are looking ahead!