



2nd Edition
INDIA
PreFab
Expo & Summit

28-29-30
August 2025

Yashobhoomi, IICC, Dwarka, New Delhi

Exclusive Platform for **PEB, Steel Fabrication**
Modular Construction & Structural
Steel Product Manufacturers



Organised by



SDLC
Sustainable Development
Leaders Council



www.indiaprefabexpo.com

About The India PreFab Expo 2025


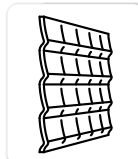








The construction industry is witnessing a significant shift towards prefabricated (prefab) construction solutions, which offer numerous advantages in terms of efficiency, cost-effectiveness, sustainability, and architectural flexibility. To showcase these innovations and their impact on the construction sector, Sustainable Development Leaders Council (SDLC) is organizing India Prefab Expo from **28-29-30 August 2025 at Yashobhoomi IIC Dwarka, New Delhi.**

This Exhibition will serve as a platform for industry professionals, innovators, investors, and stakeholders to explore the latest advancements in Prefab technology, share knowledge, and foster business opportunities. A collocated conference will engage the best minds in the sector into brainstorming sessions to carve out growth strategies.

Event Overview

			
<p>Access To A Booming Market</p> <p>In India demand for prefab & modular construction solutions is rapidly increasing due to population growth, urbanization, & ambitious government projects.</p>	<p>Networking With Key Stakeholders</p> <p>This forum attracts a diverse array of architects, engineers, developers, EPC Company & government representatives, offering a unique chance to network & establish partnerships in the prefabrication industry.</p>	<p>Showcase Innovations & Solutions</p> <p>As a platform for the latest advancements, the 2nd India PreFab Expo enables companies to demonstrate new technologies, materials, and sustainable practices, highlighting their expertise to a broad & influential audience.</p>	<p>Learning Opportunities</p> <p>The event includes panels, workshops, & talks, providing insights into emerging trends, regulatory updates, and cutting-edge technologies from leaders in prefabricated construction.</p>
			
<p>Visibility and Brand Recognition</p> <p>Enhance your brand visibility and recognition within the industry peers positioning your company as a leader in self-reliance and innovation.</p>	<p>Business Development</p> <p>Explore potential business opportunities, contracts, & collaborations with government agencies, & private enterprises seeking innovative solutions and partnerships.</p>	<p>Strategic Collaboration</p> <p>Explore opportunities for strategic collaborations, joint ventures, & technology transfers with domestic & international partners, leveraging complementary strengths & capabilities to drive mutual growth & success.</p>	<p>Demonstrate Product Capabilities</p> <p>Conduct live demonstrations and presentations to showcase the capabilities, performance, and reliability of your products and technologies to prospective clients and stakeholders.</p>

Exhibitor Product Categories

	<p>Structural Materials</p> <p>Concrete Panels, Steel Frames, Timber Frames, Cross-Laminated Timber, & Glass-Reinforced Plastics & Fiber-Reinforced Polymer Advanced Composite Materials, Insulated Concrete Forms</p>		<p>Insulation & Roofing Products:</p> <p>Rigid Foam Boards, Fiberglass Insulation, Mineral Wool Insulation, Spray Foam Insulation, Acoustic Insulation Panels, Metal & Panels, Tiles, Underlayment, PVC, Green Roof Systems</p>
	<p>Walls & Partition Systems</p> <p>Concrete Wall Panels, Panelized Wood Wall Systems, Steel Frame Wall Panels, Cross-Laminated Timber (CLT) Panels, Hybrid Wall Systems</p>		<p>PreFab Tech Solution Provider</p> <p>Design and Engineering, Manufacturing Capabilities, Modular Systems, Logistics and Supply Chain, On-Site Assembly & Installation,, Waste Reduction, Green Materials</p>
	<p>Pre-finished Flooring</p> <p>Prefabricated flooring options such as tiles, vinyl, or laminate are installed with minimal effort, Solid Hardwood Flooring, Bamboo Flooring, Cork Flooring (Rigid Core, Vinyl Composite)</p>		<p>Pre Engineered Buildings</p> <p>Primary Framing, Secondary Framing, Steel Intensive Construction, Multi Storey, Commercial & Residential Buildings, Warehouse, Industrial Shed, Metal Arch Buildings, Airports</p>
	<p>Cabinetry & Millwork</p> <p>Prefab cabinets and countertops are designed to slot directly into place, reducing installation time such as Stock Cabinets, Semi-Custom, Custom, Framed, Frameless Cabinets (European Style)</p>		<p>Windows & Doors</p> <p>Casement Windows, Sliding Windows, Double-Hung Windows, Awning Windows, Picture Windows, Bay Windows, Pre-hung door units and pre-finished window assemblies streamline installation.</p>
	<p>Precast Products for Construction</p> <p>Structural Precast Products, Architectural, Infrastructure, Modular, Precast Products, Precast Concrete Slabs, Precast Beams and Girders</p>		<p>Accessories & Connection Hardware</p> <p>Structural Accessories, Finishing Accessories, Mechanical, Structural Connections, Adhesive and Chemical Anchors, Specialty Connections such as Bolts & Nuts Steel Plates and Angle Brackets</p>

Target Audience



Manufacturers & Suppliers:

Companies Producing Prefab Steel Components, Exterior Products, Interior Components Systems, Energy & Sustainability Products, Customizable Accessories



Investors:

Venture Capitalists & Private Equity Firms Interested in Prefab Technology, Real Estate Developers, Government & Public Sector Investors.



Architects & Engineers:

Professionals involved in designing & Implementing Prefab Solutions Industrial Architects, Architectural Engineers, Structural Engineers, Data Warehouse Architect



User Industry:

Institutions Looking for Developing Warehouses, Factories Industrial Infrastructure, Bridges Tunnels Railway Stations, Factories Residential Buildings



Builders, Construction & EPC Companies:

Firms Specializing in Construction Using Prefab Steel, Concrete Panels, Lightweight Steel or Aluminum, Modular Rooms



Government & Regulators:

Officials & Policymakers Involved in Construction & Housing Development Local & Municipal Authorities, Construction Regulatory Authorities

Why PreFab Expo..?

As India it addresses the country's pressing rapid urbanization, and the need for cost-effective, sustainable, and time-efficient building solutions. With millions requiring affordable housing, prefab methods enable faster construction, reduced labor dependency, and minimized waste. It aligns with government initiatives like Housing for All and the Smart Cities Mission, supporting scalable infrastructure development while promoting green practices.

India PreFab Expo will bring together top architects, civil engineers, builders, construction & EPC companies, industrial houses, public procurement agencies, and PWDs to explore key aspects of prefab construction. Topics will include the benefits of prefab solutions, government initiatives, types of prefabrication, materials, construction processes, challenges, and emerging trends. Beyond promotion, the expo serves as a catalyst for business growth, networking, and strategic collaborations



30+
Sponsors



120+
Exhibitors



70+
Speakers



300+
Delegates



8K+
Visitors

Timing**Session****0830****Registration & Coffee****0930-1015****India on the Move: Vision 2047 and the Emerging Opportunities for Prefab Sector**

India is on an aspirational drive to become a developed nation by 2047. Along the journey will come milestones like becoming a \$ 5tn economy, developing world class infrastructure which typically has budgets of over \$1.2tn, meeting climate objectives for 2030 and becoming a manufacturing powerhouse. This is likely to create a huge demand for construction and infra development. In the parallel there is a strong focus on energy transition and energy efficiency which will make further drive the demand for energy efficient construction and buildings.

1015-1100**The Data Centres Opportunity for Prefab Sector**

Unlike traditional brick-and-mortar designs, prefabricated modular data centers, also known as integrated modular solutions or containerized data centers, are engineered to meet business-specific requirements to fit in a right-sized secure infrastructure. Understand the nuances of designing and developing modular data centres and benefit from the emerging opportunities

1100-1145**Prefab Hotels the Untapped Opportunities in India**

Modular structures allows for faster construction, adaptability and scalability. As demand develops, tourism businesses can readily expand their rooms, maintaining a steady supply of quality housing options for travellers. This adaptation promotes tourism development in historically underserved areas, highlighting India's rich landscapes and cultural heritage. Prefabricated buildings have emerged as a catalyst for change in the tourism industry. What is the demand forecast for the next 10 years and what will be the demand peculiarities.

1145-1215**Networking & Coffee Break****1215-1300****Indian Airports the Sunrise Sector for Prefab Construction**

Over the past few decades, the use of pre-engineered airport terminal buildings has become increasingly popular in India. With the increasing affordability of air travel, there is a growing demand for airport infrastructure that features rapid, durable, and energy-efficient building systems. These systems should be capable of delivering a seamless and stress-free travel experience for passengers.

1300-1400**Networking & Lunch Break****1400-1445****Can Prefab Hospitals help Fastrack the Healthcare Sectors Requirements**

The Prefabricated Hospital market is anticipated to grow annually by 7.9% (CAGR 2024 - 2031). In addition to the benefits like speed of construction and energy efficiency the modular construction in the case of hospitals is likely to serve many more benefits like Smart hospital design incorporating technologies like IoT, AI, and telemedicine. Virtual reality and simulation systems also allow modular hospitals to be tested for higher efficiency, better workflow and emergency preparedness.

1445-1530**Sports Infrastructure Development: Demand Assessment for the Next 10 years**

Under initiatives like Khelo India there is a large number of sports infra projects that are currently underway in various parts of the country. This includes BCCI plans to modernise 5 large stadiums, renovation of Barabati stadium, and many such projects. This being a new segment would entail development of new strengths and skill sets. What are the trends that will influence design and development of these projects.

1530-1615**Pre Fab Opportunities in Bridge & Tunnel Projects in India**

There are 1700+ tunnel and bridge projects in India at various stages of implementation and all of them have large components of Pre Fab steel applications. What is the best way to tap these opportunities, what are the challenges associated and what can be the effective strategies to overcome them

1615-1645**Networking & Coffee Break****1645-1730****India's Sustainability Aspirations and the Role of Prefab**

India, confronted with an annual production of around 150 million tonnes of construction waste, bears a considerable burden, accounting for a substantial 35-40 percent of the global Construction and Demolition (C&D) waste each year. This challenge is expected to intensify with a growing population and an ever-increasing demand for housing and infrastructure in the country. Prefabricated construction, is being seen as a transformative solution aligned with India's sustainable development goals. Prefabrication not only addresses environmental concerns but also provides an efficient alternative amid the challenges posed by construction bans.

1730**Closing Remarks and End of Day - 1**

Timing**Session****0830****Registration & Coffee****0930-1015****Material Selection Strategies for Prefab Projects**

Material selection in buildings profoundly affects project success, encompassing durability, maintenance, customer satisfaction, production systems, lifecycle, usage, environment, and costs. Most professionals use seven main criteria: performance properties, green materials, energy efficiency, circular economy, site conditions and material logistics, standards, and social impact. The critical sub-criteria used include fire resistance, watertightness, local availability, occupant health, and safety and protection.

1015-1100**The Safety Imperatives: Structural Engineering Considerations in Pre Fab Construction**

Modern Methods of Construction with Offsite Manufacturing is an advancement from prefabricated technologies that existed for decades in the construction industry, and is a platform to integrate various disciplines into providing a more holistic solution. Due to the rapid speed of construction, reduced requirement of labour and minimised work on site, offsite manufacturing and prefabricated building systems are becoming more popular, and perhaps a necessity for the future of the global construction industry.

1100-1130**Emerging Role of Structural Tubes in Sustainable Prefab Construction**

The tubular construction process is revolutionizing the construction industry by providing a faster, more efficient, and more sustainable method of building structures. As the demand for more innovative and eco-friendly construction methods continues to grow, tubular construction is likely to play a significant role in the future of construction. Structural steel tubes can be used in multiple & diverse project profiles like- housing, hospitals, railway stations, warehouses, data centers, and schools.

1130-1200**Networking & Coffee Break****1200-1230****Developments in Surface Finishing Techniques for Pre Engineered Buildings**

Surface finishing systems are of great importance in construction and interior design, as they contribute significantly to enhancing the aesthetic appearance of spaces and improving the performance of surfaces in the long term. Ensuring the quality of these systems is vital to ensuring we achieve the desired results.

1230-1300**Do Metal Structures Consume more Energy to Cool: Energy Efficiency in Prefab Buildings**

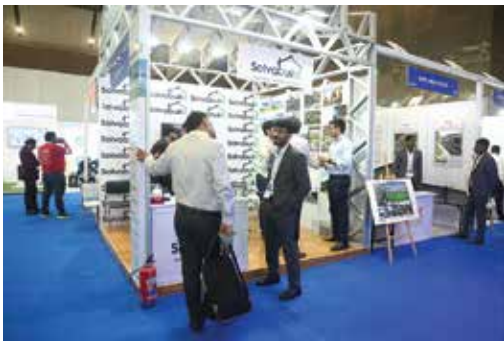
The most effective way to make a prefab more energy-efficient and save money on utility bills is by integrating all the energy-efficiency features into its design. The most critical design element of an energy-efficient prefab is its exterior envelope since, being the separation between the indoor and outdoor spaces, it should be adequately insulated and reduce heat as much as possible. Two additional actions will highly improve the house's energy efficiency: orientating the house with an understanding of the natural climatic conditions and using only energy-efficient equipment.

1300-1330**Insulation, Acoustics and Noise Tolerance of Modular Constructions**

Heat and sound insulation is of particular essence in prefabricated building structures. As is the case with construction materials, if in insulation materials, cost-efficient, reliable, easy and rapid to apply selections are made, comfortable spaces could possibly be presented to the customers. In prefabricated buildings where a wall thickness of 10 cm is technically required, first point to attend is heat insulation at the ceiling. As heated air rises, it should be avoided and prevented transfer of heated air outside through the ceiling gaps and spacing.

1330-1430**Networking & Lunch Break****1430-1500****Mitigating Corrosion Risks in PEB****1500-1530****Digital Twins in Pre Fab Construction****1530-1600****Assessing the Impact of AR, VR & Advanced 3D Modelling Applications in Prefab Construction****1600-1630****Networking & Coffee Break****1630-1700****Project Cost Management in PreFab Sector****1700-1730****Overcoming the Limitations to Interior Design for PEB's****1730-1800****Lifecycle Assessment of Stainless-Steel Rebar and Structural Pipes in Prefab Construction****1800****Closing Remarks and End of Conference followed by Prefab Excellence Awards & Cocktails**

Glimpses Past Event



Participate as: Sponsor | Exhibitor | Delegate | Speaker

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