

BETON

2023

**READY MIXED CONCRETE
EXHIBITION AND CONGRESS**

Ready Mixed Concrete · Cement · Aggregate
Construction Technologies and Equipment

8-11 NOVEMBER 2023

İSTANBUL EXPO CENTER - YEŞİLKÖY

HALL 9-10-11

www.betonfuarivekongresi.com



BETON**2023****READY MIXED CONCRETE
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BUILDING BLOCKS OF THE SECTOR WILL MEET AT BETON 2023

8-11 NOVEMBER 2023**İSTANBUL EXPO CENTER - YEŞİLKÖY**

Organized by Turkish Ready Mixed Concrete Association (THBB) and TG Expo, Beton 2023 Ready Mixed Concrete Exhibition and Beton 2023 Congress will bring together the ready mixed concrete, cement, aggregate, and construction sectors. **Beton 2023 Ready Mixed Concrete Congress and Beton 2023 Ready Mixed Concrete, Cement, Aggregate, Construction Technologies and Equipment Exhibition** will be held at **Istanbul Expo Center** in Yeşilköy between **8-10 November 2023** and **8-11 November 2023**, respectively.

Beton 2023 Ready Mixed Concrete Exhibition and Congress, which is supported by the European Ready Mixed Concrete Organization (ERMCO), Ankara Chamber of Industry (ASO), Chamber of Civil Engineers (TMMOB), Turkish Green Building Council (CEDBIK), Association of Turkish Construction Material Producers (IMSAD), The Turkish Employers' Association of Construction Industry (INTES), Building Materials Manufacturers' Federation (YUF) and Building Control & Earthquake Engineering Association will take place at **Istanbul Expo Center** in an area of **15.708 sqm** with **more than 100 exhibitors**, and **more than 12.000 sector professionals** of which **3.000** are from **Europe, Asia, Africa and the Middle East**.

Simultaneous to the Exhibition, **Beton 2023 Congress** will host more than 500 audience who will discuss the fundamental subjects in the ready mixed concrete, cement, aggregate and construction sectors in **15 sessions for 3 days**. Beton 2023 Congress will invest in the future of the Turkish concrete sector by offering innovative perspectives on concrete, which is the most used building material that stands out due to its durability, reasonable price, ease of use and its ability to reach desired qualities.





SUPPORTERS



ORGANISER



BETON 2023 IN NUMBERS



4
DAYS



100+
EXHIBITORS



200
BRANDS



12.000
VISITORS



30
VISITOR COUNTRIES

COUNTRIES THAT VISIT BETON 2023 THE MOST





BETON 2023 CONGRESS



3
DAYS



15
SESSIONS



500+
AUDIENCE

At the Beton 2023 Congress, the agenda items will contribute to the development of the sector regarding "Circular Economy and Sustainability in Concrete", "Industry 4.0 and Digitalization in the Ready Mixed Concrete Sector", "Concrete Properties, Components, Design and Testing", "Types of Special Concretes and their Applications", "Concrete Roads and Concrete Safety Structures in Main Roads", "Innovative Approaches and Products in Concrete", "Concrete Quality Control at the Production Stage and Site", "Durability and Internal Structural Properties of Concrete", and "Recent Debates in Ready Mixed Concrete and Structural Applications."

BETON 2023 CONGRESS AGENDA ITEMS

1. CIRCULAR ECONOMY AND SUSTAINABILITY IN CONCRETE

- Life Cycle Analysis
- Industrial Symbiosis Applications
- Low Carbon Products
- The Usability of Recovered and Recycled Materials in Concrete Production
- Climate Change and Concrete
- Carbon Capture, Storage and Use

2. INDUSTRY 4.0 AND DIGITALIZATION IN THE READY MIXED CONCRETE SECTOR

- Internet of Things, Sensors, Artificial Intelligence, etc. and Applications
- Operational Efficiency Applications
- Logistics and Delivery Applications
- Digital Concrete, 3D Printable Concrete and Applications
- Data Management

3. CONCRETE PROPERTIES, COMPONENTS, DESIGN AND TESTING

- Fresh, Hardening and Hardened Concrete
- Concrete Components
- Current Approaches in Concrete Design
- New Experimentation Methods

4. TYPES OF SPECIAL CONCRETES AND THEIR APPLICATIONS

- Concrete Design and Applications in Megaprojects
- Mass Concrete and Applications
- Industrial Ground Concrete
- Marine Concrete Structures
- Ultra-High Performance Concrete
- Architectural Concrete Applications
- Other Special Concrete Applications

5. CONCRETE ROADS AND CONCRETE SAFETY STRUCTURES IN MAIN ROADS

- Concrete Roads
- Concrete Barriers
- Noise Barriers
- Airport Concrete
- Permeable Concrete Coating

6. INNOVATIVE APPROACHES AND PRODUCTS IN CONCRETE

- Use of Nanomaterials
- Self-healing Concrete
- Self-cleaning Concrete
- Geopolymer Concrete and Alkali Activated Concrete
- Innovative Concrete and Bonding Agents
- Concrete with Improved Properties (Conductivity, Fire Resistance, Electromagnetic, etc.)

7. CONCRETE QUALITY CONTROL AT THE PRODUCTION STAGE AND SITE

- Quality Control in Manufacturing
- Non-destructive Testing Methods
- Core Sampling and Evaluation
- Preparing Concrete Cylinder Molds for Pressure Testing
- Curing Conditions and the Effects of Sample Size

8. DURABILITY AND INTERNAL STRUCTURAL PROPERTIES OF CONCRETE

- Durability Problems in Concrete
- Durability-based Concrete Design
- Design Service Life
- Concrete Behavior over Time (Shrinkage, Creep and Relaxation)
- Multiscale Modelling of Cement based Materials (Nano-Micro-Mezo Macro)

9. RECENT DEBATES IN READY MIXED CONCRETE

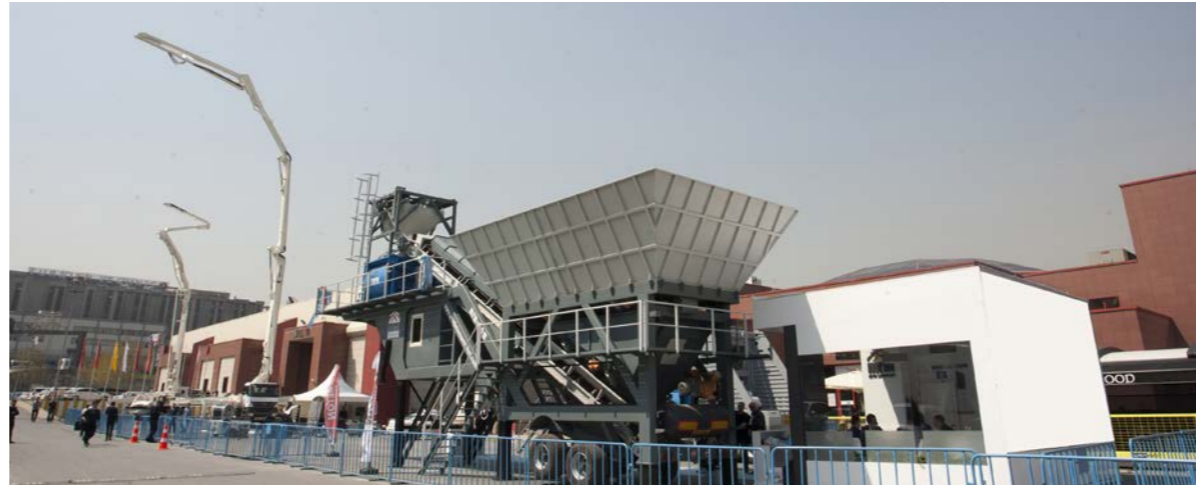
- Quality Assurance in Concrete Production Processes
- Marketing and Sectoral Challenges
- Standards and Legal Regulations
- Production and Application Technologies
- Environment and OHS

10. STRUCTURAL APPLICATIONS

- Maintenance, Repair and Reinforcement Materials for Concrete
- Precast Concrete and Concrete in Modular Structures



For further information about the Congress;
www.beton2023.com



PRODUCT GROUPS

READY MIXED CONCRETE, CEMENT, AGGREGATE, CONSTRUCTION TECHNOLOGIES, TOOL AND EQUIPMENTS

- Concrete Pumps
- Transmixers
- Trucks and Tow Trucks
- Concrete Plants and Related Equipments
- Aggregate Crushing and Screening Machines
- Concrete and Cement Additives
- Concrete Chemicals
- Aggregate
- Cement
- Mineral Additives (Fly-Ash, Granulated Slag, Silica Fume)
- Concrete Plants Spare Parts (Band, Bearing, Coil Spiral, Pneumatic Parts, etc.)
- Concrete Plant Mixers
- Concrete Recycling Plants and Technologies
- Dampers, Truck Body and Bulk Trailers
- Concrete Pump Mechanical and Hydraulic Spare Parts (Wear Plates, Pipe, Segment Elbow, Gasket, Clamp, Piston, Hydraulic Pump, etc.)
- Quality Control, Test and Analyzers
- Concrete Production and Automation Softwares
- Heavy Equipment, Loaders
- Digitalization, Artificial Intelligence and Sensor Technologies
- 3D Concrete Printing Technology
- Carbon Capture, Use and Storage Technologies
- Petroleum Products and Lubricants
- Concrete Heating and Cooling Systems
- Concrete Repair and Reinforcement Materials
- Tyres
- Vehicle Tracking Systems
- Fuel Efficiency Technologies
- Generators
- Compressors and Pressure Vessels
- Concrete Processing Equipment (Vibrators, Gauges and Hand Tools)
- Industrial Ground Concrete Technologies
- Aesthetic Concrete Applications and Equipments
- Concrete Road and Barrier Equipments
- Concrete Paving Blocks, Channels and Pipes
- Tunnel Concreting Technologies and Equipments
- Handling and Stowage Machines
- Scaffolding and Formwork Systems
- Platforms and Construction Lifts
- Lifter, Raiser and Carrier Systems
- Cranes and Hoisting Machines
- Occupational Health and Safety Equipments



WHY SHOULD YOU EXHIBIT AT BETON 2023?

Organized by the Turkish Ready Mixed Concrete Association (THBB) and TG Expo, the "Beton 2023 Ready Mixed Concrete Exhibition and Congress" will reinvigorate the construction sector. The exhibition will pave the way for innovation with its high visitor profile and its busy congress schedule, which will last for 3 days.

The exhibition will be visited by many professionals from Europe, Asia, Africa and the Middle East, bringing together many companies working in construction and ready mixed concrete - the most fundamental branch of the construction sector.



Become a Key Player in the National and International Markets



Showcase your Newest Products and Innovations



Reach Tens of Thousands of Buyers



Get the Best Return on Investment from your Marketing Budget

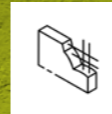


Listen to the Speakers who are Sector Leaders



Build Relationships with New Business Contacts

EXHIBITOR PROFILE



Ready Mixed Concrete and Aggregate Producers



Concrete Processing Equipment Manufacturers and Exporters



Heavy Equipment Manufacturers and Exporters



Construction Machinery (Concrete) Manufacturers and Exporters



Compressors and Pressure Tools Manufacturers and Exporters



Trucks and Hauling Unit Manufacturers and Exporters



Road Machine Dealers and Services



Heavy Equipment Sellers (Dealers)



Formwork, Scaffold, etc. Systems Manufacturers and Exporters



Special Equipment Manufacturers and Exporters for Municipality Services



Crane and Lifting Equipment Manufacturers and Exporters



Handling and Stowage Facility Manufacturers and Exporters



Asphalt and Concrete Plant Manufacturers and Exporters



Crushing and Screening Plant Manufacturers and Exporters



Special Equipment Manufacturers and Exporters for Breaking, Nailing, Channeling, etc.



Road Machinery Manufacturers and Exporters



Vehicle Tracking Systems Manufacturers and Exporters



Occupational Health and Safety Equipments Manufacturers and Exporters




WHY SHOULD YOU VISIT BETON 2023?


Beton 2023 Exhibition will bring together the tools, machinery, and equipments used in ready mixed concrete, cement, aggregate and construction sectors and raw material producers with the consumers.

Besides ready mixed concrete and cement equipments, you will get the chance to be informed about the latest technologies in a broad range of products; including concrete plants, heavy equipment, trucks and tow trucks, transmixers, pumps, formwork systems, cranes, various concrete chemicals, automation systems, tyre and petroleum products and sector-related machinery.


Beton 2023 Congress, which will be held simultaneously with the Beton 2023 Exhibition, will discuss the latest developments that will benefit the construction sector.




Get Informed about the New Products and Services




Listen to the Speakers who are Sector Leaders




Sign New Business Deals



Get to Know the Latest Technologies



Meet Producers and Suppliers















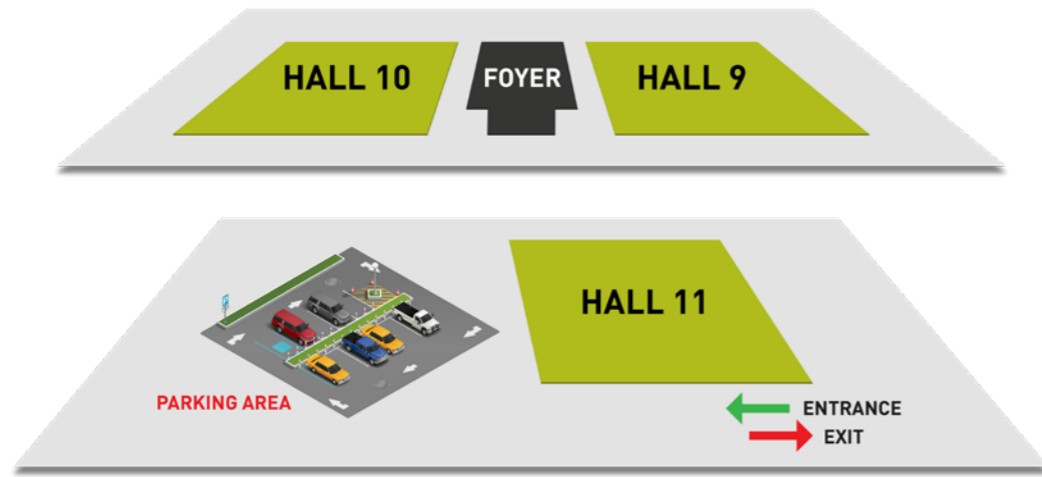
Expand your Trade Volume



Contact Global and Local Sector Professionals

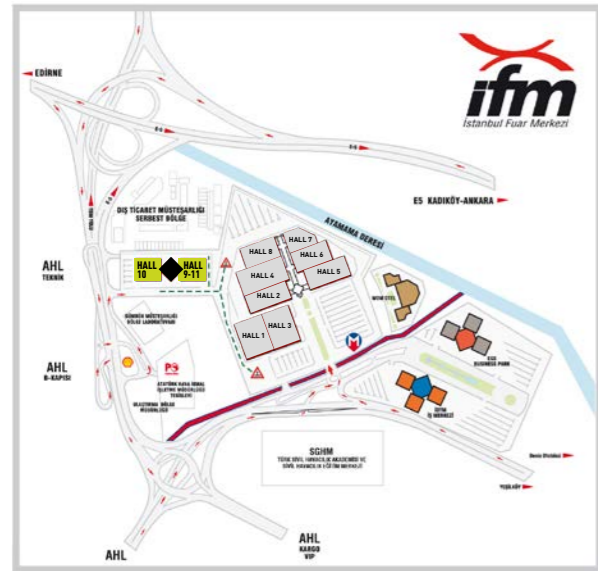
VISITOR PROFILE

	Contractors		Construction Managers		Project Managers		Procurement Managers
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	Architects		Structural Engineers		Civil Engineers		Real Estate Developers
<hr style="border-top: 1px dashed #ccc;"/>							
	Municipality and Government Authorities		Academics		Planning Engineers		Investors



BETON 2023 EXHIBITION PLAN

Beton 2023 will be the focus of the ready mixed concrete, cement, aggregate and construction sectors at the İstanbul Expo Center, the largest exhibition center of Turkey, in its renovated halls. With its close proximity to the airport, surrounding roads, and the metro; the presence of parking areas, landscape and excellent infrastructure, İstanbul Expo Center will be a point of attraction for hundreds of domestic and international visitors.



Transportation Options:



Metrobus

You can reach the fairground with the Metrobus from Zincirlikuyu, Mecidiyeköy, and Avcılar; which is a fast mode of transportation. Using the 34A metrobus line, you can transfer to the Airport metro from Şirinevler station and get off at the World Trade Center/Istanbul Expo Center station and walk to the fairground.



Metro

Aksaray-Airport metro line passes through the İstanbul World Trade Center/Istanbul Expo Center complex. It is possible to transfer to the Airport metro line from Zeytinburnu or Şirinevler metrobus stops.



Bus

IETT's 96T bus line transports passengers between Taksim and Atatürk Airport. The bus departs from Taksim following the coastal route of Şişhane, Unkapanı, Aksaray, Yenikapı, Zeytinburnu and Bakırköy, and passes through Ataköy and İstanbul Expo Center right before reaching the airport.



Sea Bus

If you are on the Asian side and want to reach the fairground from Kadıköy and Bostancı, you can use the IDO Sea Bus from Kadıköy and Bostancı to Bakırköy. Detailed information: www.ido.com.tr



Car

You can reach the fairground by road using three different arteries: E5, TEM and through the Coast (Sahil Yolu in Turkish).

CONTACT US

Do not be late to join us in the most important sectoral meeting – Beton 2023 Ready Mixed Concrete, Cement, Aggregate, Construction Technologies and Equipment Exhibition and Congress to get to know the latest developments in the sector and establish new business connections.

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Organiser



THIS FAIR IS ORGANIZED WITH THE AUDIT OF TOBB (THE UNION OF CHAMBERS AND COMMODITY EXCHANGES OF TURKEY)
IN ACCORDANCE WITH THE LAW NO.5174