

The 21th International Exhibition of Environment

3 to 5 Dec. 2023

Opening Hours: 9 to 16

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4FASL HOLDING

Exhibition Title: 21st International Environmental Exhibition


Overview :

The International Environmental Exhibition, with a focus on providing both the general public and experts with insights into the latest advancements, transformations, and environmental opportunities, showcases the latest solutions and technologies in the field. Guided by the growth and development of the country's ecological environment, utilizing the latest knowledge and capabilities in this field, the exhibition centers around crucial and vital environmental topics such as waste management, green cities, smart environments clean transportation, renewable energy, and green lifestyle. The event features prominent and capable environmental activists on regional, national, and international levels, alongside active and distinguished groups from other countries, especially those in the region due to the expansion of the ecosystem in the region's geography. The exhibition, along with specialized events and scientific sessions, serves as the largest gathering of environmental stakeholders in the country, taking place from February 18th to March 1st, 2023, with the participation of over 250 leading domestic and international organizations companies, and brands, held at the Grand Tehran Venue in a space covering 30,000 square meters

Objectives :

- Familiarizing the general public and visitors with environmental opportunities, capacities, and issues
- Showcasing the latest achievements in the country's environmental sector
- Facilitating interaction among environmental stakeholders in the country
- Developing the ecological environment of the country and drawing attention from other industries to opportunities for creating a green industry
- Expanding international collaboration in environmental fields



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- Cultivating a national culture and discourse in emerging environmental areas
 - Creating export opportunities in the environmental sector and specialized market promotion for stakeholders in international markets

Visitor Groups and Special Guests

1- Specialized Visitors

- Government and private specialized investment fund
 - Mayors and urban managers nationwide
 - Deputy of the Presidential Environmental Institution
 - Specialized deputies of the Presidency; Women's deputy, Scientific deputy, Rural deputy, etc
 - Environmental professionals in the private sector
 - People's environmental organizations
 - Ministry of Health and related governmental health institutions
 - Civic activists in waste management and recycling
 - Specialized companies in waste management and recycling
 - Urban management professionals
 - Top executives of transportation and automotive companies
 - Top executives of petrochemical industry companies
 - Top executives of oil and fuel processing companies
- Factory managers
- Agriculture sector professionals and related companies
 - Livestock sector professionals and related companies
 - Risk-taking investment funds
 - Municipalities, governorates, and prefectures
 - Investment companies
 - International investors
 - Economic representatives of foreign countries
 - Representatives of government bodies, ministers, and deputies
 - Economic managers of government entities
 - Representatives of scientific and academic institutions
 - Specialized innovation centers
 - Innovation center of governmental and governance entities
 - Specialized accelerators
 - Risk management specialized groups

- Specialized contractor organizations in the row of determining knowledge-based companies
- Representatives of UNESCO and Eco Institute
- Presidents and vice presidents of chambers of commerce and economic advisors
- Heads and vice presidents of joint chambers with other countries
- Heads, vice presidents, and members of professional unions (nationwide)
- Holdings and parent companies of specialized industries
- Top executives of government and private banks
- Traders, merchants, and commercial representatives
- Statistical and information analysis organizations .accounting, business consultants, etc , deputy, Scientific deputy, Rural deputy, etc
- Top executives and economic representatives of value-creating brands
- Deputy of the Presidential Institution; Women's
- Urban Mobile operators, specialized platforms with a wide audience range
- and national grassroots organizations

Target Audience and Exhibition Participants

The target audience and participants of this exhibition include capable, innovative, and creative individuals and organizations engaged in environmental activities at the urban, provincial, national, and international levels. The target audience is diverse and encompasses various sectors related to environmental conservation and sustainability

- 1- **Knowledge-Based Companies**
- 2- **Creative Companie**
- 3- **Environmental Professionals.**
- 4- **Specialized Startups.**
- 5- **Value-creating Idea Owners .**
- 6- **Active Government Entities in the Environmental Sector**
- 7- **Municipalities**
- 8- **General Publi**
- 9- **Environmental Activists**
- 10- **Manufacturers of Environmental Equipment**
- 11- **Media Professionals**
- 12- **Managers of Organizations and Institutions**
- 13- **Hospital, Food Industry, Agriculture, Mining and Factory Managers**
- 14- **Specialized Companies:**
 - Environmental
 - Industr
 - Services
 - Construction
 - Environmental Engineering
 - Waste Management and Disposal
 - Wastewater and Sewage Treatment
 - Recycling and Sustainable Products
 - Renewable Energy Systems Providers
 - Electric Vehicles and Sustainable Fuels
 - Environmental Protection Equipment Suppliers
 - Sustainable Transportation Companies
 - Wildlife and Environmental Protection Products
 - Manufacturers
 - Research Companies and Universities in



- Environmental Fields
- Products for Sustainable Agriculture and Water Resource Management
- Air and Water Pollution Measurement Equipment Suppliers
- Chemical-Free Disinfectants
- Environmentally Friendly Products, such as Recyclable Packaging and Sustainable Clothing
- Solar, Wind, and Geothermal Energy Solutions
- Indoor Air Quality Improvement Products
- Products for Sustainable Fuel and Clean Electricity Production
- Soil and Aquifer Protection Products and Equipment
- Waste Management Products in Urban Areas
- Products for Air and Water Pollution Control
- Wildlife Protection Products and Equipment
- Products for Climate Change Mitigation
- Environmental Safety and Protection Equipment
- Products for Water Resource Management and Optimal Water Consumption Solution



- Products for Natural Disaster Management and Civil Defense
- Products for Water and Wastewater Treatment
- Products for Land and Soil Management
- Products for Watershed Management and Erosion Prevention
- Products for Population Management and Pollution Reduction from Sewage
- Products for Park and Urban Green Area Management
- Products for Environmental Management in Industrial and Suburban Areas
- Products for the Production of Natural Fertilizers and Solutions for Soil Pollution Reduction
- Products for the Production of Sustainable and Eco-Friendly Car Equipment
- Products for Noise and Vibration Control in Urban Areas
- Products for Energy Consumption Reduction in Buildings and Energy Optimization Solutions
- Products for the Production of Sustainable Clothing Using Recycled Materials

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- Companies Producing and Providing Products for Nutritional Needs Management
 - Products for Food Waste Reduction and Increasing Efficiency in the Food System
 - Products for Waste Management and Recycling Solutions
 - Products for Sustainable Energy Production from Renewable Sources such as Wind Solar, Water, and Wastes
 - Products for Weather Management and Air Quality Monitoring
 - Products for Wildlife Protection and Biodiversity Conservation
 - Products for Sea Pollution Reduction and Protection of Marine Ecosystems
 - Products for Protection of Water Resources and Providing Optimization Solutions for Water Consumption
 - Products for Air Purification and Elimination of Urban Air Pollutants
 - Products for Detection and Prevention of Pollution in Urban and Industrial Areas
 - Products for the Production of Environmental Safety and Protective Equipment
 - Products for Energy Management in Homes and Buildings
 - Products for Sustainable Energy Production and Use of Renewable Energy Sources
 - Products for Reducing Pollution from Oil and Gas Industries
 - Products for Reducing Water Consumption in Industries and Households
 - Products for Reducing the Use of Chemicals in Agriculture and Animal Husbandry
 - Products for the Production and Use of New Transportation Technologies in Urban and Suburban Areas
 - Products for Sustainable Management of Forests and Sustainable Ecosystem Balance
 - Products for Reducing Noise from Vehicles and Industrial Machines
 - Products for Protection and Rehabilitation of Soil and Underground Waters
 - Products for Reducing the Use of Plastics and Replacing Them with Renewable Materials
 - Products for Reducing Energy Consumption in Traditional and Large Industries
 - Products for Reducing Pollution from Agricultural Poisons and Preserving the Health of Agricultural Products
 - For Sustainable Management of Water Resources and Providing Irrigation Water Resources
 - Products for Optimizing Water Consumption in Gardens and Farms
 - Products for Reducing the Effects of Climate Change and Global Warming
 - Products for Protecting and Managing Grasslands and Sustainable Management of Them
 - Products for Protecting Endangered Species and Indigenous Species in Various Regions of the World

Supporting Organizations and Institutions

1- Ministries and Affiliated Organizations (Relevant Organizations in the Formation of the Sustainable City Structure)

-Ministry of Interior :

- Deputy for Urban Development and Rural Affairs
- Organization of Municipalities and Village Councils
- Office of Transportation and Secretariat of the High Council for Coordination of Traffic in the Country's Cities
- Crisis Management Organization
- Social Affairs Organization
- Office of Islamic City and Village Councils



-Center for the Development of Electronic Government, Information Technology Statistics and Cybersecurity

Ministry of Industry, Mine, and Trade :

- Deputy for Machinery and Equipment Industries
- General Industries
- Transportation Industries
- Mines and Materials Processing
- Trade and Services
- Organization of Small Industries and Industrial Towns of Iran
- Holding Company of the Research and Development Fund for Advanced Industries
- Export Guarantee Fund
- Maritime Industries Development Fund
- Small Industries Investment Guarantee Fund
- Iran Mines and Mining Industries Development and Renovation Organization
- Industries Expansion and Renovation Organization of Iran
- Iran Trade Development Organization
- International Exhibitions Company of the Islamic Republic of Iran
- Supreme Council for Oversight of Iran Chamber
- High Council for Support of Industries
- Facilitation and Removal of Production Barriers Headquarters

Ministry of Roads and Urban Development :

- Deputy for Housing and Construction
- Transportation
- Urban Planning and Architecture
- Civil Aviation Organization
- Ports and Maritime Organization
- Road Maintenance and Transportation Organization
- Executive Organization of State and Public Buildings and Installations

- National Land and Housing Organization
- Meteorological Organization
- Research Center for Housing and Urban Development
- Islamic Republic of Iran Railways Company
- Airports and Air Navigation Company of Iran
- Urban Reconstruction Company
- Mother Company of New Cities Construction
- Housing Foundation of the Islamic Revolution
- Transportation Infrastructure Development and Construction Company

Ministry of Communications and Information Technology :

- Deputy for Communications and Planning
- Information Technology
- Innovation
- Telecommunications Company
- Mother Telecommunications Company
- Infrastructure Communications Organization
- Radio Regulations and Communications Organization
- Information Technology Organization of Iran
- Post Bank of Iran
- National Post Company of the Islamic Republic of Iran
- Iran Space Agency
- Research Institute of Communications and Information Technology
- Hava Peyma Company
- Post and Telecommunications Scientific Applied College
- International Affairs and Training

Ministry of Petroleum :

- National Oil Company (National Oil Regions Company, Pars Oil and Gas Company, Fuel Consumption Optimization Company, etc)
- National Gas Company
- National Petrochemical Company of Iran (Persian Gulf Petrochemical Company, Bandar Imam Petrochemical Company, Shazand Arya Sasol Petrochemical Company, Jam Petrochemical, etc)
- National Refining and Distribution of Petroleum Products Company of Iran (Tehran Refinery, Star Refinery of the Persian Gulf, etc)

Ministry of Energy :

- Deputy for Water and Wastewater
- Electricity and Energy
- Renewable Energy Organization
- Specialized Holding Companies
- Iran Water and Power Resources Development Company
- Power Research Institute
- Water Research Institute
- Power Plants

Ministry of Economic Affairs and Finance :

- Deputy for Banking and Insurance Affairs and State Companies
- Central Insurance of the Islamic Republic of Iran
- Privatization Organization
- Securities and Exchange Organization
- Islamic Republic of Iran Customs Administration
- Iran Foreign Investment Company
- Economic Affairs Research Center
- Information Technology Center
- Cybersecurity and Intelligent Economy

Ministry of Science, Research, and Technology :

- Organization for Scientific and Industrial Research of Iran
- University Jihad
- Organization for Scientific and Industrial Research of Iran (UNESCO Representative of the Islamic Republic of Iran, Universities and Higher Education and Research Centers, National UNESCO Commission in Iran)

Ministry of Cultural Heritage, Tourism, and Handicrafts :

- Mother Company for the Development of Iran Tourism and Global Tourism
- Handicrafts Development, Handwoven Carpet and Restoration Fund, and Operation of Historical and Cultural Sites
- Cultural Heritage and Tourism Research Institute
- Iran Tourism Development Company
- Deputies for Tourism, Handicrafts, Traditional Industries, and Parliamentary Affairs

Ministry of Defense and Armed Forces Support :

- Specialized Companies in the Field of Information Technology and Communications, such as Sa Iran and its subsidiaries
- Geographical Organization of the Armed Forces
- Ghadir Construction Holding and others

Ministry of Agriculture :

- Organization of Natural Resources and Watershed Management of the Country
- Central Organization for Rural Cooperation and Other Sectors Related to Sustainable Agriculture

2- Vice Presidencies :

Organization of Planning and Budget :

Environmental Protection Organization :

Vice Presidency for Science and Technology :

Vice Presidency for Economic Affairs :

National Standards Organization :

Innovation and Flourishing Fund

3- Free Trade Zones and Special Economic Zones :

4- Municipalities and Affiliated Organizations :

Tehran Municipality :

Serving as the pilot for sustainable cities in Iran, and municipalities of major cities and provincial centers

Subsidiary Departments :

- Technical and Civil Deputy
- Urban Planning and Architecture Deputy
- Transportation and Traffic Deputy
- Urban Services and Environmental Deputy
- Financial and Economic Deputy
- Parks and Green Spaces Organization

Organizations :

- Waste Management Organization
- Beautification Organization
- Information Technology and Communications Organization
- Renovation Organization
- Investment and Public Participation Organization
- Urban Bus and Taxi Organization
- Urban Railway Organization

5- Parliament Commissions :

Relevant commissions in the Parliament of the Islamic Republic of Iran, Iran Chamber, and Islamic City Councils

6-Universities and Educational/Research Centers :

- University of Tehran:** Including its campuses and affiliated research centers
- Islamic Azad University:** Various campuses
- Research and Innovation Centers
- Science and Technology Parks

7- Investment Funds :

Various investment funds including Entrepreneurship, Venture Capital, Funds managed by the Vice Presidency for Science and Technology, Ministry and Organization Support Funds and International Investment Funds

8- Information Technology and Communications :

- Companies related to infrastructure security of smart and sustainable cities
- Companies specializing in the digitization of infrastructure and communication equipment
- Blockchain technology companies
- Companies providing online buying and selling services (e.g., Digikala, TAP30, etc.)
- Digital intelligent program production companies (e.g., Bama, Snapp, Tapsi, etc.)

9-Banks and Insurances :

- Digital banking in Islamic cities
- Neo banks and online banking services
- Smart banking applications
- Mobile-based banking and related technologies
- Electronic and parametric insurances
- Cyber insurances

10- Operators :

Mobile operators: Hamrah-e-Aval, Irancell, Rightel, TeleKish, etc

-Fixed communication services operators: Telecommunication Company of Iran, Shatel, AsiaTech, Pishgaman, etc

11-Environmental Sector :

- Infrastructure for solar energy equipment
- Factories producing wind turbines
- Companies and factories specializing in environmental technologies and recycling materials
- Industrial waste and wastewater treatment
- Monitoring environmental pollution

12- Companies in Architecture, Green Buildings, and Smart Cities :

- Companies involved in urban beautification and street furniture
- Companies active in waste conversion and management
- Equipment and industries related to waste collection
- Consulting engineering companies in architecture and urban planning
- Lighting companies and suppliers of road and urban lighting with solar and new energy infrastructure
- Companies related to smart city and sustainable development
- Companies involved in the construction and equipping of smart buildings
- Companies producing innovative building materials

13- Private Holdings and Investment Companies :

14- Smart Urban Tourism and Related Industries :

15-Civil Society and Professional Associations :

- Unions, associations, syndicates, and societies
- Media entities

International Section

Ministry of Foreign Affairs of the Islamic Republic of Iran :

Including the Legal and International Diplomacy Deputy, the Sustainable Development

Commission of the United Nations, the Secretary of the National Committee on Human Settlements of the Islamic Republic of Iran (UN-HABITAT), the National Commission for UNESCO in Iran, Joint Chambers with countries of common interests, International companies providing services and products in the environmental sector, and international organizations including

- United Nations (UN) - United Nations Environment Programme (UNEP)
- Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)
- Global Environment Facility (GEF)
- United Nations World Water Assessment Programme (UNESCO-IHP)
- World Health Organization (WHO) - Environment and Health Division
- Persian Gulf Organization for Marine Science (PGSO)
- International Union for Conservation of Nature (IUCN)

Special Sections and Programs of the Exhibition

Cultural Stations

- Environmental Photo Station
- Cartoon Station
- Book Station
- Children's Station

Educational Workshops

Recycling and Waste Management Workshop :

- Understanding the recycling process
- Proper waste separation and disposal methods
- Providing solutions for reducing waste production at home and workplaces

Biodiversity Conservation Workshop :

- Identifying species and their connection to the environment
- The role of biodiversity in maintaining ecosystem balance
- Conservation and preservation strategies for endangered species

Clean and Renewable Energy Workshop :

- Introduction to the best practices for using renewable energy sources
- The importance of using clean energy in reducing greenhouse gas emissions
- The role of smart energy in sustainable cities

**Sustainable Agriculture Workshop :**

- Fundamentals of organic farming and biodiversity management
- Reducing the use of chemical pesticides in agriculture

Urban Smartification Workshop :

- Using smart technologies in traffic and transportation management
- The connection between smart cities and improving citizens' quality of life
- Introduction to successful projects and examples in smart cities³

Specialized Discussion Panels :

- 1 -Challenges and Opportunities in Biodiversity Conservation
- 2 -Innovative Technologies for Water Resource Conservation
- 3 -Sustainability in Cities: Solutions and Successful Experiences
- 4 -Climate Change and Global Environmental Impacts
- 5 -Green Economy and Its Role in Environmental Preservation
- 6 -Corporate Social Responsibility in Environmental Conservation
- 7 -Waste Management and Material Recycling in the Industry
- 8 -The Role of Information and Communication Technologies in Environmental Conservation
- 9 -Education and Increasing Awareness in Environmental Issues
- 10 -The Role of Youth in Environmental Conservation: Challenges and Opportunities

A comprehensive opportunity to familiarize oneself with the capabilities and showcase achievements of social responsibility in environmental conservation, in collaboration with relevant institutions and other heavy industries, pollutants, mining oil, gas, petrochemicals, companies, and transportation infrastructure, recycling, wastewater treatment, renewable energy, clean and electric vehicles, and green industries



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