

KIOSH

CONFERENCE PROGRAMME

28 - 29 April 2026
Expo Center, Astana, Kazakhstan

GOVERNMENT PARTNER



Ministry of Labour and
Social Protection of Population
of the Republic of Kazakhstan

STRATEGIC PARTNER



GOLD PARTNERS



SILVER PARTNERS



BRONZE PARTNERS



DAY 1, 28 APRIL

General Hall №3 and №4, EXPO IEC

08:30 – 09:30	CONFERENCE REGISTRATION
09:30 – 10:30	PANEL SESSION <i>"Modern Approaches and Digital Solutions in Occupational Risk Management Systems"</i>
10:30 – 11:30	PANEL SESSION <i>"Artificial Intelligence and Analytics for Risk Prediction"</i>
11:30 – 11:50	COFFEE BREAK
11:50 – 12:50	PANEL SESSION <i>"Social Insurance in the Era of Workforce Transformation: A New Architecture of Responsibility and the Role of Artificial Intelligence"</i>
13:00 – 14:00	LUNCH
14:00 – 14:30	VIP TOUR WITH THE PARTICIPATION OF OFFICIAL REPRESENTATIVES
14:30 – 15:30	STRATEGIC PLENARY SESSION <i>"Artificial Intelligence: How Kazakhstan Is Shaping a New Safety Model"</i>
15:30 – 16:00	COFFEE BREAK
16:00 – 17:00	ILO EXPERT SESSION <i>"Safe and Healthy Work in a Changing World: Global Trends, Digitalisation and Social Dialogue"</i>
17:00 – 18:00	PANEL SESSION <i>"Industrial Medicine: New Regulatory Requirements and Implementation Practices"</i>
19:00	EVENING RECEPTION FOR CONFERENCE PARTICIPANTS

DAY 2, 29 APRIL

General Hall №3 and №4, EXPO IEC

09:00 – 10:00	CONFERENCE REGISTRATION
10:00 – 11:00	PANEL SESSION <i>"Focusing on Industrial Safety as an Integral Part of Corporate Culture"</i>
11:00 – 12:00	HSE LEADERSHIP PANEL <i>"Managing Critical Risks and Preventing Major Incidents"</i>
12:00 – 12:15	COFFEE BREAK
12:15 – 13:15	TRAINING SESSION <i>"Work in Confined Spaces"</i>
13:15 – 14:00	LUNCH
14:00 – 15:00	FORESIGHT SESSION – KIOSH 2026 OUTCOMES <i>Moderators of the strategic sessions summarise the conference outcomes and define future priorities</i>
15:00 – 15:30	COFFEE BREAK
15:30 – 17:00	SAFETY GAMES <i>Corporate Quiz Tournament on Occupational Health and Industrial Safety</i>

"ARTIFICIAL INTELLIGENCE: HOW KAZAKHSTAN IS SHAPING A NEW SAFETY MODEL"

MODERATOR:

Adilet Rakhymbai – Journalist, TV and Radio Host

Welcome Address:

Zhaslan Madiyev – Deputy Prime Minister – Minister of Artificial Intelligence and Digital Development of the Republic of Kazakhstan

Keynote Address:

Yerbol Tuyakbayev – Vice-Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan

Speech:

Zhumabek Zhanykulov – Chairman of the Presidium, National Confederation of Employers of the Republic of Kazakhstan "PARYZ"

Address from the International Community:

Bernie Doyle – Chief Executive Officer, APOSHO (Asia-Pacific Occupational Safety and Health Organization), Chair of the NSCA Foundation (National Safety Council of Australia Foundation)

Leadership and Safety Culture through the Lens of Artificial Intelligence

Panel Discussion: Q&A Session:

Satybaldy Dauletalin – Chairman, Federation of Trade Unions of the Republic of Kazakhstan

Plans for the Introduction of AI for Early Identification of Occupational Risks and Worker Protection

Bolat Akchulakov – Chairman, KAZENERGY Association

Project Case Studies on the Application of AI in the Oil and Gas Industry

Nikolay Radostovets – Executive Director, Republican Association of Mining and Metallurgical Enterprises

Project Case Studies on the Application of AI in the Mining Industry

Askar Kapanov – Chief State Labour Inspector of Pavlodar Region

How Digital Analytics Helps Address Systemic Challenges in Labour Law Enforcement at Regional Level

AI in Industry: Risk and Injury Management Case Studies:

Darko Dochinski – Specialist in Labour Regulation, Labour Inspection and Occupational Safety and Health, ILO Office for Eastern Europe and Central Asia

Revolution in Occupational Safety and Health: The Role of Artificial Intelligence and Digitalisation in the Workplace

Skender Sylva – Head of the WHO Country Office in Kazakhstan

Shaping Artificial Intelligence Policy in Healthcare and Occupational Safety and Health

Erken Shnabayev – Deputy Chief Executive Officer for Digitalisation and AI, ERG

ERG Digital Safety: An AI-Based Service Ecosystem for Occupational and Industrial Safety

Alexey Shilin – Director, IDS Robotics

Intelligent Drones for Monitoring and Inspection: Real-Time 3D Modelling of Mines

Meiram Begentayev – Rector, Kazakh National Research Technical University named after K. I. Satbayev

Application of Artificial Intelligence in Workforce Training: Experience and Methodology

PANEL SESSION

28 APRIL, 09:30 – 10:30 MAIN HALL (№3 & №4)

“MODERN APPROACHES AND DIGITAL SOLUTIONS IN OCCUPATIONAL RISK MANAGEMENT SYSTEMS”

DISCUSSION POINTS:

Priority areas of state policy in occupational risk management, with a focus on upcoming amendments to the regulatory and legislative framework of the Republic of Kazakhstan;

Transition to a more effective, risk-based and proactive occupational safety model;

ILO international approaches to occupational risk assessment: improving risk assessment and risk management mechanisms, introducing digital solutions, and strengthening the role of data in management decision-making;

Alignment of national occupational risk assessment approaches with international standards;

Practical feasibility of new requirements at enterprise level, including the role of the State Labour Inspectorate and development institutions in ensuring effective implementation.

OPENING OF THE CONFERENCE DAY:

Mikhail Pushkin – Director, ILO Office for Eastern Europe and Central Asia

Welcome video address

MODERATOR:

Lyazat Aktayeva – General Director, Republican Research Institute for Occupational Safety of the Ministry of Labour and Social Protection of the Population of the Republic of Kazakhstan, MD, Doctor of Medical Sciences

SPEAKERS:

Darko Dochinski – Labour Administration, Labour Inspection and Occupational Safety and Health Specialist, ILO Office for Eastern Europe and Central Asia

The Evolution of Occupational Risk Management: from Reactive Compliance to Proactive, Digital and Preventive Approaches

Laura Edilbayeva – Head of the Research Centre, Republican Research Institute for Occupational Safety of the Ministry of Labour and Social Protection of the Population of the Republic of Kazakhstan, PhD

Innovations in Occupational Risk Assessment: New Methodologies and the Role of Data in Occupational Safety Management

Nikolay Bryukhanov – Vice President, Labour Resources Development Centre JSC

Digital Occupational Risk Assessment

Nurzhan Kisabekov – Head of the Department for Sanitary and Hygienic Control and Supervision of Industrial, Radiation-Hazardous and Municipal Facilities, Ministry of Healthcare of the Republic of Kazakhstan

Sanitary and Epidemiological Assessment of Working Conditions as a Key Element of Occupational Risk Management Systems

Marina Tovstiy – Director, Occupational Safety Research Centre, All-Russian Research Institute of Labour, Ministry of Labour of the Russian Federation

Implementation of a Risk-Based Occupational Safety Model in Russia: Challenges and Results

Marat Imash – Chief Technical Labour Inspector, Federation of Trade Unions of the Republic of Kazakhstan

The Role of Trade Unions in Occupational Risk Management Systems: Protecting Workers in the Context of Digitalisation

Medeu Akhmetov – Chief State Labour Inspector of Karaganda Region

Effectiveness of New Risk Assessment Approaches in Industrial Regions

PANEL SESSION

28 APRIL, 10:30 – 11:30 MAIN HALL (Nº3 & Nº4)

“ARTIFICIAL INTELLIGENCE AND ANALYTICS FOR RISK PREDICTION”

DISCUSSION POINTS:

Predictive analytics of occupational injuries: where artificial intelligence delivers real, measurable results;
Application of AI in identifying serious and systemic violations in occupational and industrial safety practice;
Industry leaders' experience in integrating AI solutions into existing HSE management systems.

MODERATOR:

Zhanara Amanzholova – Director of Development, Tanyim Competence Centre

SPEAKERS:

Olzhas Anafin – Vice President, Labour Resources Development Centre JSC

Implementation of Artificial Intelligence in the Social and Labour Sphere

Anuarbek Karimov – Director, Industrial Safety Department, NC KazMunayGas JSC

Prevention of Industrial Risks in the Oil and Gas Industry through the Use of Artificial Intelligence

Olga Belichenko – Project Manager, Business & Technology Services (ERG IT Division)

Automated Information System for Occupational Health and Industrial Safety

Vasiliy Safronov – Managing Director, UCO LLP

The Evolution of Occupational and Industrial Safety: From Fragmentation to Autonomous Safety

Latif-Shakh Tursunov – Head of the Actualis 360 Practice, MCFER

Manageability in Occupational and Industrial Safety: How to Eliminate Risks Before Inspections

Bakytzhan Tazhibay – Secretary General, ADAL Federation, Republican Association of Trade Unions

Use of AI Tools by Technical Labour Inspectors: The Role of Trade Unions

PANEL SESSION

28 APRIL, 11:50 – 12:50 MAIN HALL (Nº3 & Nº4)

“SOCIAL INSURANCE IN THE ERA OF WORKFORCE TRANSFORMATION: A NEW ARCHITECTURE OF RESPONSIBILITY AND THE ROLE OF ARTIFICIAL INTELLIGENCE”

DISCUSSION POINTS:

Relevance of the tripartite model to the realities of flexible and platform-based employment;

Balancing solidarity and individual responsibility within social protection systems;

Implementation of artificial intelligence technologies in social insurance systems: anti-fraud tools, forecasting and targeting;

Prospects for reforming social insurance systems in the 2035–2045 horizon;

Informal employment as a factor affecting coverage of social insurance systems.

MODERATOR:

Almas Kurmanov – Chairman of the Management Board, State Social Insurance Fund JSC

SPEAKERS:

Mohammed Azman – President, International Social Security Association

Welcome video address

Bakhtiyar Zhazykpayev – Vice Minister of Labor and Social Protection of the Population of the Republic of Kazakhstan

(to be confirmed)

Ali Farhad oglu Movsumov – Deputy Chairman of the Management Board, State Social Protection Fund of the Republic of Azerbaijan

Application of ICT Solutions in the Social Insurance System of Azerbaijan

Georgy Molebnov – Director, Department of Working Conditions and Occupational Safety, Ministry of Labour and Social Protection of the Russian Federation

Mandatory Social Insurance of Employees and Financial Support for Preventive Measures

Audrius Bitinas – Research Fellow, Vilnius University; International Expert in Social Protection and Labour Issues, SOCIEUX+

New Forms of Employment and Emerging Challenges (use of data and AI, absence of social insurance systems, etc.)

Laurent Bossavie – Senior Economist, Social Protection and Jobs Global Practice, Europe and Central Asia Region, World Bank

Informal Employment in Central Asia

Arkady Solovyov – Doctor of Economics, Professor, Financial University under the Government of the Russian Federation

State Regulation of the Impact of Artificial Intelligence on Mandatory Social and Pension Insurance Systems in the Russian Federation: Theoretical and Practical Challenges

Memorandum of Understanding Signing Ceremony between State Social Insurance Fund JSC of the Republic of Kazakhstan and State Social Protection Fund of the Republic of Azerbaijan

ILO EXPERT SESSION

28 APRIL, 16:00 – 17:00 MAIN HALL (№3 & №4)

“SAFE AND HEALTHY WORK IN A CHANGING WORLD: GLOBAL TRENDS, DIGITALISATION AND SOCIAL DIALOGUE”

MODERATOR:

Sholpan Abikenova – Deputy Chief Executive Officer, National Confederation of Employers of the Republic of Kazakhstan “PARYZ”

SPEAKERS:

Darko Dochinski – Labour Administration, Labour Inspection and Occupational Safety and Health Specialist, ILO Office for Eastern Europe and Central Asia

World Day for Safety and Health at Work 2026: Presentation of the ILO Report “Psychosocial Working Environment: Global Trends and Pathways for Action”

Henrik Moller – Employers’ Activities (ACT/EMP) Coordinator for Europe, International Labour Organization

(to be confirmed)

Gocha Aleksandria – Senior Specialist in Workers’ Activities, ILO Office for Eastern Europe and Central Asia

A Worker-Centred Approach to Digital OSH: Managing Emerging Psychosocial Risks in the Era of Artificial Intelligence

Saule Issabekova – National Project Coordinator, International Labour Organization, Project Office, Astana

E-Collab.OSH as a Tool for the Digital Transformation of Professional Interaction, Knowledge Sharing and Safety Culture

PANEL SESSION

28 APRIL, 17:00 – 18:00 MAIN HALL (№3 & №4)

“INDUSTRIAL MEDICINE: NEW REGULATORY REQUIREMENTS AND IMPLEMENTATION PRACTICES”

MODERATOR:

Saule Akynzhanova – Deputy Director for Clinical Operations, National Centre for Occupational Hygiene and Occupational Diseases, Doctor of Medical Sciences

SPEAKERS:

Laura Utemissova – Public Health Specialist, World Health Organization Country Office in Kazakhstan

WHO Rehabilitation Intervention Package. Occupational and Industrial Rehabilitation of Employees

Aigul Imasheva – Head of Medical Support, Eurasian Resources Group LLP

Medical Services at ERG: Prevention of Occupational Diseases

Yerbol Ismailov – Managing Director for Sustainable Development, Strategic Communications and Corporate Culture, Qarmet JSC

The Role of Social Guarantees in Maintaining Workers' Health

Alimzhan Bekmagambetov – Deputy Director General, Republican Research Institute for Labour Protection under the Ministry of Labour and Social Protection of the Population of the Republic of Kazakhstan, PhD in Law

Qarmed Medical Cluster: Partnership between Industry and the State

Fardana Khalikova – Head of the Medical and Social Expertise Department, Committee for Regulation and Control in the Field of Social Protection of the Population, Ministry of Labour and Social Protection of the Population of the Republic of Kazakhstan

Current Issues in Determining the Degree of Occupational Work Capacity Loss within the Medical and Social Expertise System in the Context of Industrial Medicine

Saule Akynzhanova – Deputy Director for Clinical Operations, National Centre for Occupational Hygiene and Occupational Diseases, Doctor of Medical Sciences

Current Issues in the Prevention of Occupational Diseases and Assessment of Occupational Fitness

“FOCUSING ON INDUSTRIAL SAFETY AS AN INTEGRAL PART OF CORPORATE SAFETY CULTURE”

DISCUSSION POINTS:

New solutions for ensuring industrial safety, including the transition to digital monitoring and control tools and the implementation of the E-IS (Unified Industrial Safety) system;

How the revision of industrial safety requirements has changed the balance of responsibility between the state and owners/operators of hazardous production facilities.

MODERATOR:

Marat Khassenov – Co-Chair, Industry Council for the Development of the Professional Services Market in the Field of Technogenic Safety, Atameken National Chamber of Entrepreneurs

SPEAKERS:

Rashid Dubayev – Chairman, Committee for Industrial Safety, Ministry of Emergency Situations of the Republic of Kazakhstan

(to be confirmed)

Alexander Turkov – Deputy Head, Department for the Implementation of Federal Labour Supervision, Federal Service for Labour and Employment (Rostrud)

Prevention of Occupational Injuries in the Russian Federation

Adil Ishekenov – Operations Safety Team Lead, NCOC

Implementation of Start Work Checks within the IOGP Standards Framework

Mani Senthilrajah – Head of Process Safety Practice, Chola MS Risk Services Ltd; Member of the Global Leadership Team, Inogen Alliance

Process Safety Management: Global Trends in High-Hazard Industries

Askhat Sariyev – Project Director, “Process Safety / Safety Culture Transformation”, Chola MS Risk Services

Application of International Standards in Industrial Safety in the Republic of Kazakhstan

Yelena Khaertdinova – Director for Software Development and Promotion, Business Information Systems Group

Digitalisation Tools as an Integral Part of Industrial Safety Management Systems

PANEL SESSION

29 APRIL, 11:00 – 12:00 MAIN HALL (№3 & №4)

HSE LEADERSHIP PANEL

“Managing Critical Risks and Preventing Major Incidents”

MODERATOR:

Zhandos Matayev – Director, Technical Regulation Department, KAZENERGY Association

SPEAKERS:

Ualikhan Zhanaissov – Director of Health, Safety, Security and Environment, North Caspian Operating Company

Aleksandr Graf – OEMS Planning and Performance Manager, Tengizchevroil

Nijat Mammadov – Head of Occupational Safety and Process Safety, SOCAR, Azerbaijan

Gulnara Daulova – Corporate Safety Manager, KPO

Samir Aliyev – Director for Strategic HSE and Crisis Management, AZKON Holding

TRAINING SESSION

29 APRIL, 14:00 – 15:00 MAIN HALL (№3 & №4)

“WORK IN CONFINED SPACES”

Despite established procedures and written instructions, confined space work continues to result in fatalities.

Why does this still happen?

This session will examine the real causes – without formality: where exactly safety systems break down, why permit to work systems do not always function effectively, and what mistakes are made even by experienced teams.

The discussion will focus on practical aspects: gas testing and monitoring, access authorisation and control, emergency response and rescue operations –

what truly matters in practice and what too often exists only on paper.

Most importantly, the session will address solutions that genuinely help prevent fatalities, rather than simply ensure formal compliance with requirements.

Risk management for confined space work;

Work planning and risk assessment for activities involving restricted entry and exit;

Rescue arrangements and emergency response for incidents in confined spaces;

Permit to Work systems for authorising and controlling confined space operations.

Trainer:

Saltanat Kenzhegaliyeva – Manager for Occupational Health, Safety and Quality, SEFtec Global Training

Practical Case Presentation:

Dmitry Tililyaev – General Manager for Occupational Health and Industrial Safety, Kazzinc LLP

Modern Practices for Confined Space Work at Kazzinc LLP

FORESIGHT SESSION

29 APRIL, 15:00 – 16:00 MAIN HALL (№3 & №4)

CONFERENCE WRAP-UP AND CONCLUSIONS

MODERATOR:

Lyazat Aktayeva – General Director, Republican Research Institute for Occupational Safety of the Ministry of Labour and Social Protection of the Population of the Republic of Kazakhstan, MD, Doctor of Medical Sciences

SPEAKERS:

Yerbolat Abulkhatin – Director, Department of Labour and Social Partnership, Ministry of Labor and Social Protection of the Population of the Republic of Kazakhstan

Marat Zhanybekov – Deputy Chairman of the Management Board, State Social Insurance Fund JSC

Zhanara Amanzholova – Director of Development, Tanyim Competence Centre

Darko Dochinski – Labour Administration, Labour Inspection and Occupational Safety and Health Specialist, ILO Office for Eastern Europe and Central Asia

Zhandos Matayev – Director, Technical Regulation Department, KAZENERGY Association

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