



14-15 November 2019, Plovdiv, Bulgaria
Maintenance of Industrial Facilities and Buildings.
Accidents Avoidance
International Conference and Accompanying Exhibition Area
Next Edition: 25 - 26 June 2020



New higher levels of safety, efficiency and rentability of buildings and equipment, as well as safer working conditions, are achieved through innovative solutions. NO Accidents is the first event of its kind in Bulgaria to focus on this important but often underestimated topic. Delegates of the previous edition were presented with a wide variety of problems and solutions, that could help them avoid damages (ecological, financial, loss of life), as well as better inform and prepare them. As a result, there is less need for frequent repairs, forced shutdowns of production and risk of human error.

TRENDS

Presentations and live demonstrations emphasized the advantages of the products for prevention that register hazards at a very early stage. The showcased solutions from a new generation included improved technical characteristics, analytical functions and design, as well as an autonomous work regime. They can be controlled through mobile apps and integrated into other systems, work in real time and in incredibly extreme conditions and use artificial intelligence and IoT.

INTERESTING FACTS, PROVIDED BY THE LECTURERS

- 10-15% of work accidents in Europe are due to incorrect maintenance.
- 50% of the factory buildings in Bulgaria don't undergo check up or repairs for over 10-15 years. This results in 1000 times more expenses for follow up repairs than if the problem had been removed while still in designing.
- 75% of people react immediately to a voice message in case of an accident, which significantly decreases reaction time for evacuation.
- Maintenance has become a science by using a formula that takes into consideration different factors and components.
- Around 30-35% of the produced condensed air is lost in small gaps that can be found with ultrasound detectors.
- The market for products for video surveillance will reach 1,65 billion dollars by 2021, which increases the demand for security solutions.
- Fires nowadays can spread very quickly – only in 3 minutes.
- New financing programs are starting for measures to increase competitive power, safety and incorporating innovations.
- The safety legislation is being updated, however there are still lapses in regulations.

THE OPENING

Zdravko Dimitrov, mayor of Plovdiv Municipality, sent a congratulatory message to the delegates, wishing them successful meetings and realizations of future mutual projects. The conference was inaugurated by **Dobrina Prodanova – chairwoman of the Plovdiv Chamber of Commerce and Industry**, who shared her wish for the event to become annual and emblematic for Plovdiv. **Hans van Selm, advisor to the European Federation of National Maintenance Societies EFNMS & the Italian maintenance organization AIMAN; general secretary of Salvetti Foundation**, declared the following: "If we don't control the maintenance, we can't control safety and security – this is my message."

Eng. Atanas Angelov – chairman of the managing committee of the Bulgarian Association of Architects and Consulting Engineers, said that measures to improve the reliability of equipment can be taken even during the designing stage and stressed on the role similar forums play in informing the public of innovations. "Seeing the elite of the industry among you, we are confident that we will have a future with less accidents" – **Tanya Buldeeva and Desislava Nikolova from Via Expo** announced to the participants.



CONFERENCE

24 SPEAKERS, WHO TOOK PART

MIRCE Akademy (UK), Scortel (Bulgaria), Dräger Safety (Bulgaria), Bulgarian Association for Construction Insulation and Waterproofing, Konica Minolta Business Solutions Bulgaria, Commend (Austria), Bosch Security Systems (Bulgaria), ITA Engineering (Bulgaria), Salvetti Foundation (Italy),

National Chamber of Fire Safety in Construction (Bulgaria), Moliak (Greece), Deni Fire (Bulgaria), Plovdiv Construction Chamber, Trokutest Group (Bulgaria), Trokut Test Group (Serbia), Pro Audio (Bulgaria), Center for Testing and European Certification (Bulgaria),

Bulgarian Association for Infrared Thermography, Bulgarian Association of Consultants in European programs, Road Safety Institute (Bulgaria), TROX (Austria), AxsonSoft Eastern Europe and Enterprise Security Solutions



TOPICS

• Reliability + Maintenance = Functionability

Dr. Knezevich's formula (MIRCE Akademy) may predict future reality. It takes into account the combined impact of factors: quality of components, errors in transportation, installation, workload, staff education and morale, time and place of work, etc. He created the concept of functionability - the ability of a functionable system to deliver a measurable function through time.

• Learnings from maintenance related accidents in the oil & gas industry by Hans van Selm

He introduced HSElife, the world's first multimedia communication platform focusing on Health, Safety and Environment. It saves lives and millions in costs. Mr. Selm outlined the five life-saving rules.

• Fire and smoke safety; Fire alarm systems

• Video surveillance; Thermal monitoring and early detection of fire risk

• Artificial intelligence in integrated platforms - video management and security

• Personal protective devices, gas detecting and gas analyzing devices, breathing protective and alcohol measuring devices

• Early warning and alert systems; Industrial intercom systems for security and communication

• Building and constructions: Infrared thermography; Fire safety in the construction and in the subsequent exploitation of buildings; Measures of preventing construction accidents; Changes in the regulatory requirements for fire protection of facades and roofs

• Control system for deformations in infrastructure objects and machinery

• Services: EU product rules for product quality and safety, certification; Financing opportunities in innovative business technologies; Road safety measures in production areas

ATTENDEES

Among the attendees were representatives from:

Orgachim, Telelink Infra Services, Agria, Kozloduy NPP, Andi, Asarek Medet, Bulgarian Telecommunication Company, Dundee Precious Metals, Zobe Bulgaria, Energo-PRO Varna, Engineerik, Inova Group, Carlsberg Bulgaria, Colonnade Insurance S.A., Lukoil, Maxcom, Mar-Intel, Monbat, Plovdiv Municipality, Ogosta Energy, Post Bank, Fire Safety and Civil Protection General Directorate - Plovdiv, Sofiyska Voda, Sofia Med, C.G.S. Consult, Tesy, etc.

Positions:

Managers, heads, experts

- Preventive maintenance and diagnosis
- Ensuring continuity of activity
- Operations and Projects
- Marketing and sales
- Risk management
- Environment, health and safety at work
- Public order and crisis management
- Investment and control
- Capital raising

Continuous participation:

76%

of attendees said that they will participate in the 2020 edition.

Reasons for participation:

- Be interested and involved in accidents prevention and issues
- Getting to know the latest novelties
- Contacts with suppliers and colleagues



ACCOMPANYING EXHIBITION AREA

Leading companies from Austria, Bulgaria, Greece, Croatia and France demonstrated new solutions. The attendees exchanges valuable knowledge with exhibitors and shared their specific needs.

PRODUCT HIGHLIGHTS

- Measurement of physico-chemical quantities, climatic environment
- Equipment to reduce the risk of accidents and fires, security increase
- Personal protection equipment
- Indicative and attention signs
- Electric actuators and valves, process safety – valve interlocks, smart safety process solutions.
- Uninterruptible Power Supplies (UPS) and rechargeable batteries, microprocessor controlled switching rectifier systems for telecommunications, synchronous static transfer switches, devices for switching, control and protection, automatic breakers
- Power quality - measuring and analyzing the harmonic "pollution"
- Measurement, control and automation of technological and energy parameters
- Monitoring devices for electrical safety
- Evacuation lighting
- Noise and sound insulation, chemistry in construction
- Voice evacuation systems
- Dual training system

Thank you all speakers and exhibitors from:



TESTIMONIALS

'On behalf of our team I thank you for the excellent organization of the forum. The conference has featured a rich program. I hope that the contacts we made during the event will be useful to us in the future.'

Valeriy Tsanov, Scortel Ltd., Bulgaria

'Thank you "BIG" time for the hospitality during my stay in Plovdiv. It was a real pleasure working with you and your colleagues. The conference was well organised and interesting, so I do hope that there will be a continuation of it in the future.'

Dr. Jezdimir Knezevic, MIRCE Academy, UK

'My trip to Bulgaria was a great success. I received a lot of responses and people were very interested in further collaboration. Many thanks for the excellent job of the Via Expo team and the more than friendly welcome. I will support the 2020 event and will recommend new important issues to be addressed.'

Hans van Selm, Salvetti Foundation, Italy

'I'm definitely pleased with our participation in the event. There were people who came to find a new or alternative option to meet their needs, and they practically "swamped" me after our presentation.'

Lyubov Nikolova, Trokutest Group Bulgaria

'The conference was extremely energizing and enriching. I was involved in it because I was confronted with the question of how to increase people's commitment to their own safety, as well as to that of everyone else. Keep it up in the same spirit! I wish you safe working days until the next issue!'

Alexander Vitev, Carlsberg Bulgaria

WHAT NEXT?

Via Expo starts to prepare the 2020 edition. It will bring more knowledge and international experience to participants.

Please contact us for more information.

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