

BUSINESS PROGRAM

26 NOVEMBER, TUESDAY – MAIN PROGRAM

«Grand Hall», 1 floor

10:00 – 11:30 Panel discussion "Implementation of EU environmental directives is a matter of national security for Ukraine"

Topics to be discussed:

- The resolution of the Cabinet of Ministers of Ukraine "On some issues of state monitoring in the field of atmospheric air protection" - is it the way to a real control system or another declaration of intent?
- Why does the Ukrainian Hydrometeorological Center not become the only air monitoring authority?
- How to make polluting enterprises to become partners of the state in air protection?
- Will there be a working State Environmental Inspectorate of Ukraine and what real levers of influence on the environmental situation it will have?

Participants:

- Valentyna Vasylenko, Deputy Director of Climate Change and Ozone Layer Conservation Department - Head of Environmental Monitoring and Ozone Layer Protection Division, **Ministry of Energy and Environmental Protection of Ukraine**
- Dmytro Voskobiynyk, Specialist of the Department of State Sanitary and Epidemiological Service of the State Supervision Department for Compliance with Sanitary Legislation, **State Service of Ukraine for Food Safety and Consumer Protection**
- Arina Petrosian, Lead Researcher of Air Quality Laboratory, **SI "O.M.Marzeiev Institute for Public Health of NAMSU"**
- Oleksandr Kosovets, Director, **Central Geophysical Observatory** named after B. Sreznevsky
- Andriy Malevanyi, Head of Ecology and Natural Resources Department, **Kyiv City State Administration**
- Vaagn Mnatsakanyan, Head of Ecology, Energy Management and Labor Protection Department, **Mariupol City Council**
- Olexiy Angurets, Deputy, **Dnipropetrovsk Regional Council**
- Iryna Verbitska, Head of Ecology Department of Directorate for Sustainable Development, **DTEK**
- Yuliya Golovchuk, Head of Environmental Department, **Kryvyi Rih Cement**

11:45 – 12:45 Session 1. Atmospheric air protection: international expertise, legislative reforms, current state in regions and market segments, investment environment

Moderator: Vladislav Antypov, CEO, Center of Environment and New Technologies Development

- **Regulations and real time pollution monitoring implementation in India: challenges, benefits and opportunities**
Sanjeev K Kanchan, Environmental research and advocacy professional, India
- **Concept of the commissioning and maintenance of air quality monitoring system in Kyiv as a basis for creating environmentally safe city**
Andriy Malevanyi, Head of Ecology and Natural Resources Department, **Kyiv City State Administration**
- **To the issue of Directive 2008/50/EU implementation on fine dust monitoring**
Arina Petrosian, Lead Researcher of Air Quality Laboratory, **SI "O.M.Marzeiev Institute for Public Health of NAMSU"**
- **Implementation of continuous monitoring of emission sources: risks and opportunities**
Yuliya Golovchuk, Head of Environmental Protection, **Kryvyi Rih Cement**
- **Air protection in the energy sector**
Olha Semkiv Manager, Environmental Protection Manager of Sustainable Development Directorate, **DTEK, Ukraine**
- **Environmental benefits of using solid recovered fuels in cement production**
Pavlo Bondarev, Project Manager for Ecology and Technology, **UKRCEMENT**
- **Decarbonization of metallurgy: current challenges and trends**
Andriy Glushchenko, Analyst, **GMK Center, Ukraine**

13:00 – 15:00 Session 2. Environmental monitoring systems, equipment for analysis, emissions accounting, air quality and odor control

- **Ambient air monitoring systems**
Oleksandr Khodyrev, Director, **ECM Ukraine**
- **Continuous emission monitoring systems to measure pollutant from stationary sources, air quality management systems**
Vasyl Dorokhov, Head of Analytical Systems Department, **Eknis-Engineering, Ukraine**
- **Elemental analysis for the air pollution assessment. Lab and online system solutions**
Liliya Petruk, leader of the Spectroscopy group of the analytical equipment department, **ALT Ukraine**
- **Innovative & reliable continuous emission monitoring technology for gases & PM/Dust**
Pritesh M. Shah, Group Chairman & Director, **PRIMA EQUIPMENT, India**
- **Casella Guardian2 - Site Boundary Monitor for Noise, Particulate, Vibration, VOC and Wind Parameters**
Paul Wilford, International Sales Manager, **Casella, UK**
- **Trusted partner in clean energy solutions**
Paolo Ferrarese, VP - Head of New Plants & AQCS, **Mitsubishi Hitachi Power Systems Europe, Germany**

15:15 – 17:45 Session 3. Equipment and technologies for emission treatment, dust control, aspiration, dust suppression at municipal and industrial enterprises: fuel and energy complex, mining and metallurgical complex, cement industry and production of building materials, chemical and petrochemical industries

- **Kraft power supplies for electrostatic precipitators. Operating principles, features, modifications and years of operating experience**
Mikhail Brandt, Head of Sales, **KraftPowercon, Sweden**
- **Upgrade of Electrostatic Precipitators to Reduce Outlet Dust Density**
Dr. Josef von Stackelberg, Technical Director and CEO, **Rico-Werk Eiserlo & Emmrich GmbH, Germany**
- **Industrial gas and dust filtration and pneumatic conveying systems**
Zafer Yaman, Project Manager, **FTA INDUSTRIAL Machinery and Environmental Technologies Limited, Turkey**
- **Ventilation equipment for the health labor and environment protection**
Arkadiy Kreymer, Project Manager, **CFT GmbH Compact Filter Technic, Germany**
- **Integrated technologies of dedusting and desulfurization of industrial gases**
Sergiy Semiryagin, Deputy General Director, **BMZ-Progress, Ukraine**
- **On the implementation of industrial gas desulphurization systems in Ukraine**
Yuriy Myagkov, Technical Director, **Energomashekologiya, Ukraine**
- **WLP (Italy) equipment presentation. Dust and odors suppression, snow generation**
Viktor Sadovnikov, Technical Director, **EPOS PJSC, Ukraine**
- **Spraying technologies and environmental protection**
Mykhailo Ulianitskyi, Sales engineer, **Spraying Systems Co Sp. z o.o. Oddzial w Polsce, Poland**
- **Mistakes and nuances during the selection of filtering materials**
Alona Yashkova, Sales Department, **Bag Filter Factory, Ukraine**

18:00 – Buffet for exhibitors and invited persons. *Partner of the buffet – Wine Time*

PARALLEL EVENTS ON 26 NOVEMBER

«Zone of parallel events», 1 floor

13:00 – 13:30 SEMINAR. Process related Behavior of Electrostatic Precipitators and Requirements for High Voltage Supplies

Organizer: Rico-Werk Eiserlo & Emmrich GmbH, Germany. **Speaker:** Dr. Josef von Stackelberg, Technical Director & CEO

Brief introduction: The waste gas of any process has different requirements to the electrostatic precipitator. The correct selection of the high voltage system according to that requirements improves the precipitation situation and reduces the outlet dust density

13:45 – 14:45 SEMINAR. AIR QUALITY CONTROL ACADEMY: Dust measurement technologies of PM10 and PM2.5. Advantages and disadvantages

Organizer: ECM Ukraine. **Speaker:** Oleksandr Khodyrev, Director

Seminar topics:

- Overview of the main dust measurement technologies of PM10 and PM2.5, taking into account legislative requirements and physical restrictions
- Features of the dust meters use with optical measurement technology

14:50 – 16:20 SEMINAR. The role of the public in creating a market of eco-solutions

Organizer: Reform Support Office under the Ministry of Natural Resources

Moderator: Yanyna Basysta, Chairman NGO «Ecosmart»

- **Public monitoring: from dream to first results**
Maxym Borodin, Deputy of the Mariupol City Council, Chairman of the NGO Together!
- **Is Ukraine ready for the recognition of public atmospheric air monitoring systems?**
Maxym Soroka, Ph.D., Scientific and Technical Advisor to the International Project "Clean Air for Ukraine"
- **Uniqueness of formation and activity of NGOs coalition "Stop poisoning Kryvyi Rih". Updating of environmental issues in industrial city**
Anna Ambrosova, Environmentalist of NGOs Coalition "Stop poisoning Krivyi Rih"
- **Public air quality monitoring - fake or reality?**
Illya Rybakov, Technical manager of the public air quality monitoring project Save Dnipro
- **The Open Environment ("Vidkryte dovkillya") geoinformation system: issues of quality and data opening**
Lesya Shevchenko, President, Open Society Foundation
- **Cross-sectoral cooperation and smart city: who and how drives smart city development**
Oleksandr Karpenko, Chairman of the Ecological Monitoring Committee of the Professional Association of Ecologists of Ukraine, founder of the startup "Unified Energy Accounting"
- **Role of civil society in promoting environmental issues**
Olexiy Angurets, Deputy of Dnipropetrovsk Regional Council, Chairman of NGO "Green World - Friends of the Earth"
- **Is it possible to have a dialogue "For Clean Air" between the authorities and eco-activists in an industrial city?**
Olesya Kramarenko, Ecological Coalition of Zaporizhia city
- **Integrated permit - benefits for nature, society and business**
Olena Miskun, Head of the Industrial Pollution Department of NGO "Ecoaction"

27 NOVEMBER, WEDNESDAY – MAIN PROGRAM

«Grand Hall», 1 floor

10:00 – 11:30 SEMINAR. Regional real-time air monitoring system. Experience of the Dnipropetrovsk region and prospects for implementation at the state level

Organizer: Ecology and Natural Resources Department of the Dnipropetrovsk Regional State Administration

Moderator: Oleksiy Angurets, Deputy of Dnipropetrovsk Regional Council

Introductory speech: Oleksiy Angurets, Deputy of Dnipropetrovsk Regional Council

Speakers:

- Andriy Sidekov, Head of Municipal Utility "Center for Environmental Monitoring" of the Dnipropetrovsk Regional Council
- Maxim Soroka, Scientific and technical advisor of the International Project "Clean Air for Ukraine", representative of the Chemistry and Environmental Engineering Department of Dnipro National University of Railway Transport
- Pavel Tkachenko, Representative of Save Dnipro Initiative Group
- Yulia Golovchuk, Head of Environmental Protection Department, Krivoy Rog Cement
- Tetyana Zavgorodnya, Head of Ecology Department of DTEK Energo

11:45 – 13:15 DISCUSSION. State monitoring in the field of atmospheric air protection

Organizer: Kyiv city state administration, Head of Ecology and Natural Resources Department

Moderator: Andriy Malevaniy, Head of Ecology and Natural Resources Department, Kyiv City State Administration

Topics to be discussed:

- What structure will the governing body of state administrations have in order to effectively implement the mentioned regulation on ambient air monitoring?
- What functional and methodological provisions will this administrative body have?
- What are the possibilities of interaction between cities and agglomerations in case of creation of effective information and analytical data system of ambient air quality?
- What should be the mechanism of cooperation between agglomerations in case of unforeseen situations with a sharp deterioration of the ambient air?

Discussion topic: Cooperation between zones and agglomerations during fulfillment State monitoring and air quality management in Ukraine

Participants:

- Vaagn Mnatsakanyan, Head of Ecology, Energy Management and Labor Protection Department, Mariupol City Council
- Arina Petrosian, Lead Researcher of Air Quality Laboratory, SI "O.M.Marzeiev Institute for Public Health of NAMSU"
- Oleksandr Kosovets, Director, Central Geophysical Observatory named after B. Sreznevsky
- Oleksandr Khodyrev, Director, ECM Ukraine
- Serhij Krykun, Director, "Plant Energy" Branch of PJSC "KYIVENERGO"

13:30 – 15:00 Seminar. Modern Technologies of Flue Gas Cleaning for Heat and Power, Industries and Municipal Waste Incineration

Organizer: "AcademResourceEnergyProject" Institute

Moderator: Volodymyr Dolgoplov, Director

Seminar topics:

- Constituents of harmfulness of power industry for population and environment. Ukraine's regions' comparison.
- Medical aspects and consequences of overlimit emissions/concentrations of toxins in ambient air.
- Need for improvement of the emissions' state regulation.
- Best Available Technologies (BAT) of Flue Gas Cleaning (FGC), comparisons, the technologies' choice criteria.
- Best available and Lowest-Cost reagents/sorbents for flue gas cleaning: nanolime, nanocarbon, AISi, etc.
- Resources' availability for flue gas cleaning in Ukraine and abroad. Problems and available solutions.
- Similarities and distinctions of FGC systems for power, industries, municipal waste incineration.
- FGC economics, constituents of expenses (CapEx, OpEx) and payback. The novel concept of environmental tax use for FGC projects and for local infrastructure modernization. Instance of an integrated project.
- Obstacles in Flue Gas Cleaning in power sector in Ukraine – regulations, unconcern, corruption. Situation abroad.
- Examples of Corruption in Flue Gas Cleaning of power sector – in Ukraine and abroad.
- Practices of development, licensing, transfer, adaptation, appropriation, etc. of Flue Gas Cleaning technologies. International and national regulation.
- How much the Newest Flue Gas Cleaning Systems (DALSIKA™+) can Lower the kWh Tariffs from a Coal TPP.
- Export of New Flue Gas Cleaning Systems: New Opportunities on Multi-Billion Dollar Markets.