



REPORT



EKOTECH

The International Environmental Protection
and Waste Management Expo

The springboard for business

STRATEGIC PARTNERS



KNOWLEDGE PARTNER



COOPERATION



MEDIA PATRONAGE







76% of EKOTECH exhibitors declared that they intend to participate in the 2021 exhibition. We find this a great honour and distinction.

Customer satisfaction is our overriding priority. Each consecutive exhibition is prepared with utmost care and commitment. The exhibition's shape has been primarily influenced by its strategic partner; Ak Nova, the organiser of the annual Waste Management Forum, the Waste Management and Recycling Cluster, the Eco-Automotive Association and the Ekolog and Eneris companies, as well as the Waste Management Employers Union, organisers of industry meetings held within the scope of the trade show. We wish to express our heartfelt gratitude for your support.

Marcin Musiał, EKOTECH Manager



EKOTECH is one of Poland's most important events of the municipal business sector. Every consecutive year the trade fair has gone from strength to strength; the expo's excellent standing has been built upon good cooperation and organisation.



The municipal services industry keeps growing and expanding - this up-trend can be clearly seen at such events as EKOTECH. Each year, our expo halls are the display for the latest machines used by municipal workers.

Cutting-edge waste segregation lines, baling presses, shredder-pressing systems, as well as the latest solutions for waste size reduction, waste processing equipment - this and much more on show at the annual expo. EKOTECH abounds with municipal services equipment, specialist car-bodies, septic tanks and gully empties, garbage trucks and briquettes-makers complemented with spare parts for devices used in recycling business-sector.

Expo visitors are eager to participate in conferences and seminars, e.g. the Waste Management Forum has already become the EKOTECH tradition. The previous expo-complementing meeting focused on legislative changes in the municipal sector. The sessions presenting current legal regulations applicable for vehicle disassembly stations and the conference on „Documentation and studies for business entities and local governments” proved to be hugely popular with the expo guests. „Health and safety of municipal services” was one of the highlights, as professional-risk prevention comes at the top of the priority list;

The event attracted many industry insiders including employees of the waste management sector, state officials as well as local government decision-makers.



EKOTECH

facts and figures*



8 000
visitors



176
exhibitors



14
countries
represented by
the exhibitors

* Facts and figures present
the EKOTECH and ENEX expos
held at the same time



THE WASTE MANAGEMENT INDUSTRY HIT BY THE PANDEMIC



The COVID-19 coronavirus pandemic has induced numerous changes to the economy and everyday life, too. The municipal services industry combines the economic and daily life aspects; thus, the business sector's significance in ensuring sanitary safety.

How has the municipal services sector changed during the epidemic?

On 28 March 2020, the Sejm [Polish lower chamber of parliament] adopted amendments to the Act on extraordinary solutions related to the prevention, counteracting and combating COVID-19, other infectious diseases and crises caused by thereof as well as several other legal acts.

New powers of the voivodes

Amendments to the Act include new voivodes' powers. The Voivodeships' governors may issue waste management-related orders by virtue of an administrative procedure. In the absence of technical and organisational possibilities of waste disposal in accordance with the ordinarily appli-

cable regulations, the waste generated in a particular province is processed and rendered harmless in accordance with the voivode's by-laws on combating and counteracting COVID-19 pandemic. The Special Act stipulates thermal transformation as a disposal method for medical waste.

The voivode may also change the rules regarding selective waste collection, and even change the frequency of municipal waste pick-up. The selective municipal waste collection points' operational regime

may also be altered. Besides, the Special Act offers the option to allow waste management entities to operate in the market, despite the fact they have not obtained administrative decisions or have not been entered in the material-scope register.

The increasing amount of waste

The municipal services sector must also face an increased amount of garbage and waste; face-protecting masks and gloves used as protective means against the virus spread litter the streets of Polish cities. The services cannot cope with such an avalanche of extra waste. Not only are companies shorthanded, but they also lack funds for the ongoing green areas, pavements and parking lots cleaning. Amount of plastic waste keeps growing - this is not only the disposable gloves challenge. Food packaging and disinfectants are also a problem. According to the data published by the United Nations' Conference on Trade and Development, global mask sales increased from

\$ 800 million in 2019 to \$ 166 billion. Plastic packaging consumption in Singapore alone rose by 1,470 tonnes; this escalation is solely attached to food packaging supplies.

Staffing problems

The municipal services sector has also experienced problems with employees contracting illnesses. At the beginning of the pandemic, these were isolated cases. Over time, the number of cases increases. These employees are difficult to replace. The owners of companies which operate landfills or incinerator facilities emphasise the fact that installations or landfills are operated single-

handedly in most cases. There is just one person on duty, and such an employee typically works on a particular machine or equipment. It takes time to qualify new employees, so there is a danger of industry paralyses.

What does this mean for a typical Mr Smith? It is not hard to guess the possible outcome; however, the whole industry may suffer from severe consequences. If segregated paper processing is suspended and this secondary raw material is stored too long, it can no longer be re-used. This situation would have a severe negative impact on recyclers' standing.





It is worth exhibiting at the EKOTECH; the trade fair is an essential development tool for companies



EXHIBITORS' FEEDBACK

POLMECANIC group finds the EKOTECH participation the opportunity to present its product portfolio, as well as a way to highlight the company's strong industry position, Polish and foreign markets' presence.

The trade show is also the opportunity to obtain direct feedback on our solutions and business methods.

The expo offers the possibility to contact existing and prospective clients in a face-to-face meeting, share observations and views on the current situation. EKOTECH offers a great opportunity to benchmark competitors, talk-shop and discuss new projects and company strategies for the pandemic period. I hope that the trade fair participation paves the way for broad-scope cooperation not only in our industry but also in related business sectors.

Magdalena
Stępień-Majchrowska



The EKOTECH International Environmental Protection and Waste Management Expo is an excellent opportunity to exchange experiences between industry insiders and specialists. EKOTECH is a great place to establish business relations with lots of customers visiting the show.

Kamil Mucha



It is worth exhibiting at the EKOTECH; the trade fair is a very important development tool for companies. We were delighted with the event participation.

We noticed that the Ekotech has constantly been developing and has attracted the increasing number of visitors. That is why we are taking part in the upcoming expo!

Sławomir Hruszka



The trade shows are held in the early-spring thus overlap with the investment time at recyclers, waste management bodies and vehicle disassembly stations. This favours the interest in the recycling machines we put on show.

The expo agenda is complemented and enhanced with thematic conferences targeted at our main customer groups, hence the additional expo audience. The organisers offer numerous attractions for visitors, e.g., meetings with industry celebrities, competitions which can win attractive prizes, etc.

Grzegorz Romańczyk



It is worth being a part of Ekotech. You can always make the best of meetings with new and prospective clients as well as regular partners. The friendly, cosy atmosphere makes it possible to take proper care of each visitor, spend enough time talking to them.

The Kielce expo-organising team always takes the utmost cares. They see to all exhibitors checking that we have all we need; the expo stand has been prepared in accordance with our demand.

Tomasz Legun



EKOTECH offers a great opportunity to exchange experiences with industry insiders and specialists



EKOTECH - CONFERENCES GALORE!

- MIFOD - the International Waste Management Forum
- Conference on current regulations for vehicle dismantling stations and processing facilities
- Conference on documentation and studies for business entities and local governments - advice and experience presentation
- Conference on rational waste management
- - "Challenge - work safety! The first-ever conference of occupational health and safety in the municipal industry services."
- Film Zone



MIFOD

THE INTERNATIONAL WASTE MANAGEMENT FORUM

EKOTCH features the many-year tradition to hold the International Waste Management Forum. The meeting was held already for the eighth time. The previous edition witnessed the event gaining the name - MIFOD. The new name offers better identification and information dissemination. Thus, the event is easier to find. This year's attendance was surprisingly high, with 360 registered participants and 17 presentations; this year's conference was the one-day event. Thus, the facts and figures are even more worth noting.

We were one of the first organisers to experience the coronavirus epidemic's impact - our guests from Italy gave us the last minute notice that they would not join the session. Thus, a fascinating lecture on the implementation of waste separate collection systems in Italy was cancelled. Our representative made the presentation in lieu.

CONFERENCE ON CURRENT REGULATIONS FOR VEHICLE DISMANTLING STATIONS AND PROCESSING FACILITIES

The conference organised by the Polish Association of Vehicle Disassembly Stations discussed vehicle dismantling stations operation and activities, the Waste Management Database principles as well as the primary obligations for this installation type:

- Minimum requirements for vehicle dismantling stations,
- Waste storage sites - monitoring,
- Waste management rules, including waste storage rules and regulations,
- Packaging record-keeping at the disassembly stations (in case of disseminated parts re-selling),
- LPG and air-conditioning refrigerants management rules,
- Rules for the discharge of industrial wastewater from vehicle disassembly stations (technical report and permits required by the Water Law Act),
- The Waste Management Database
 - the system operation overview;
 - experiences from 1 January 2020

CONFERENCE ON DOCUMENTATION AND STUDIES FOR BUSINESS ENTITIES AND LOCAL GOVERNMENTS - ADVICE AND EXPERIENCE PRESENTATION

The meeting organised by Ekolog LLC put the local governments' most important issues in the limelight - electromobility, entrepreneurs' obligations, records-keeping and other near-future developments. The session offers the communal office staff an insight into the necessary information that is then to be disseminated among entrepreneurs in their municipality. The results of nationwide research on environmental impact assessment procedures were also presented in addition to the postulated system changes.

- Communes' inventories: asbestos and holding tanks.
- Overview of nationwide research on environmental impact assessments. Observations and conclusions designed to improve the system.
- The waste management database
 - what entrepreneurs in the commune should be informed about.
- The electromobility strategy in a commune. What actions should it include?

CONFERENCE ON RATIONAL WASTE MANAGEMENT

The conference was organised by the Waste Management and Recycling Cluster - National Key Cluster. The discussion scope included

- Waste database,
- Competitiveness enhancement of SME in metal recycling value chain related to the circular economy transition,
- How to measure the circular economy?



CHALLENGE - WORK SAFETY!

The first-ever conference of occupational health and safety in the municipal industry services” organised by the Health and Safety Coalition: Waste Management Employers Union, ENERIS Raw Materials.

Legal aspects of occupational health and safety in the municipal sector, as well as OHS awareness and its importance, have been discussed and complemented with fuel economy issues, GPS solutions for waste collection services. The discussion on non-standard activities designed to enhance safety in the mechanical biological treatment and waste collection sector.



FILM ZONE

After hours spent in the exhibition halls, EKOTECH participants were offered the chance to go to a relaxation zone and spend some time, putting their feet up. The movie theatre was made available for those at the expo - this place was designed to gain inspiration from film reportage screened by Teraz Środowisko [Environment Now]. Portraits of environmental sector people and examples of innovative investments on screen.

- What is the solar panel installer working day like?
- What views does a wind turbine service technician enjoy?
- Will blockchain technology be used in waste management?
- What qualifications are required to work in a waste incineration plant

These are some of the selected areas the reportages presented; the Films Zone was the most welcoming place.

MEDALS AWARDS DISTINCTIONS

Six companies which exhibited in 2020's Environmental Protection and Waste Management Expo gained accolades. Each of them presented something special.



DISTINCTIONS

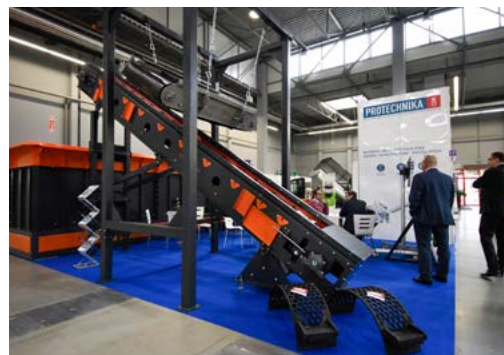


The first distinction was presented to **JMS-GLOBAL**. The enterprise run by Sławomir Hruszka was appreciated for its **microbiological AF080 WS** formulation. „Business driven by nature” is the company's motto. The firm's employees deal with market research and strategic planning. 1,378 satisfied customers, 21 awards and 15 consultants.



Another distinction was presented to **GLOB-TRAKENPOLSKA** for its **Safe Video Telematics** used the **municipal waste collection process**. This is one of Poland's first companies which deals with vehicle and fleet monitoring systems - sales and services. The devices portfolio includes cutting-edge localisers which come in several versions

MEDALS



Medal of **EKOTECH 2020 PROTECHNIKA** bestowed the medal for its **belt feeder**. The PROTECHNIKA is into environment protection, waste management, recycling, biomass processing, agriculture as well as forestry. All machines and products are the fruit of the passion and almost 20 years' industrial experience. In addition to the feeders, the enterprise also produces shredders, mills, pelletisers and separators.



The other medal went to **PRES - CON** for its **eco-selector for selective waste collection**. The company specialises in the production of steel, aluminium and stainless-steel structures. 25 years' market, experience and excellent business-sector's know-how have been confirmed by numerous projects the company has carried out both in Poland and abroad




For elegance and innovative exhibition presentation style: **KÄRCHER**. Every single award paves the way to the success story. This achievement has been proven by facts and figures - 13,027 employees, products sold by more than 120 companies in 70 countries and 632 patents. - this speaks volumes.



Another medal was awarded for original, innovative and comprehensive expo presentation. **ECO ZEC**, the winner, offers comprehensive combustion by-products management - the end-to-end solution includes fly ashes, slag, ash-slag mixture, microsphere, flue gas desulphurisation products, including gypsum. This is one of Poland's leading suppliers of materials for producers - ready-mixed and road concrete, pre-cast concrete elements (paving stones, hollow bricks), cement, ceramic construction products (bricks), as well as mortars, plasters, adhesives.

EXHIBITIONS STAND ARRANGEMENT



THANK YOU
FOR BEING WITH US.
JOIN US AT THE UPCOMING
EKOTECH 2021
IN KIELCE

