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EKOTECH 2024 REPORT

Ekotech paves the way towards green tomorrow!

Ekotech has been an important event targeted at the Polish waste management and recycling sector for years. The show serves as a barometer of current trends in green technologies, and the platform to shape this segment's future. The Kielce municipal sector's meetings offer an excellent opportunity to learn about the latest developments in environmental protection activities and recycling and waste management initiatives. The trade show is a great example of how the municipal industry can sustainably and ecologically develop valuable tools.

The 24th Ekotech attracted almost 80 companies presenting the latest recycling and waste management achievements. This year's Ekotech hosted a large group of representatives of local governments, waste management specialists and leaders from the municipal industry. Not only was the Kielce meeting the opportunity to exchange experiences and establish cooperation, but also to gain knowledge about the latest industry trends.

- The innovations presented at the trade fair are crucial for further developing waste management and recycling in Poland. Kielce is the springboard for new projects, which are then implemented in various parts of the country. This event is in great demand and essential for the entire industry. – emphasises Marcin Musiał, the expo project manager.

Ekotech is where theory meets practice, and innovative solutions have a chance to be implemented. The show abounds with numerous premieres of innovative technologies and products. Companies present the latest machines and devices designed to improve waste management and recycling processes. The novelties galore include advanced waste segregation systems, modern technologies for processing waste materials, as well as ecological solutions for cities and municipalities.

Accompanying events, such as discussion panels, workshops and presentations, offer an interesting complement to the expo. Industry experts share their knowledge and experience, discussing the waste management sector's key challenges and opportunities. The scope of the Ekotech discussion included issues related to effective waste management, the impact of legal regulations on the industry, and the role of environmental education in shaping pro-environmental attitudes.

In the context of growing environmental awareness and emphasis on sustainable development, Ekotech plays a crucial role in shaping the municipal industry's future. The expo supports the entire sector's development, contributes to education, and promotes pro-ecological attitudes.

EKOTECH

facts and figures



80
exhibitors



2 386
sq m of exhibition
space



2 000
visitors



30
industry journalists



46
industry portals



25
business media



> 4 mln
information reach



1 463
publications about
the expo

Ecology spelt with a capital E - innovations and new products at the EKOTECH Expo

Municipal management must use ecological, economical, but also ergonomic solutions; legal changes and a modern approach to waste management require this. Visitors to the 24th edition of the Ekotech trade fair were looking for these solutions, guided by „a modern approach to the municipal economy.” This year’s exhibitors have put forward many solutions that will not only increase recycling companies’ efficiency but also facilitate the implementation of legal changes that await us next year.



A MODULAR RETURN-VENDING - VALUABLE MACHINE IN THE ERA OF THE DEPOSIT SYSTEM

The Polish legislation in the pipeline provides that the deposit scheme starts in January, and it applies to single-use plastic beverage bottles with a capacity of up to three liters and metal cans with a capacity of up to one liter, the deposit will be 50 grosz. AKE Technologies presented a modular reverse-vending machine at the Ekotech - the solution suitable in the advent of the new deposit system. – *Our device recognises bottles that may undergo a deposit system by barcodes. President Marcin Derenda from AKE Technologies, the provider of the system for sorting, pressing, and storing returnable packaging, said that even if the user tries to cheat the system and paste the code, the machine will detect an irregularity. – The device can be placed anywhere; it is mobile, so it is a good solution, e.g. during events and concerts. – adds the company’s president.*





THE PLATFORM THAT REVOLUTIONISES THE WAY WASTE IS MANAGED



TwojeBDO company has proposed the modernisation of the BDO system introduced in 2020; it pertains to the platform revolutionising how waste is managed. – *The basic version of the BDO system is not friendly to recycling companies because it lacks many functions, which makes it less ergonomic. TwojeBDO works as a browser extension, modifying the government website and adding various features – emphasised Krzysztof Fidoń - The larger the company and the more files it has to fill out, the better this solution. –* added the company representative.



CITYSOLAR SOLAR-POWERED WASTE BIN



The pursuit of ergonomic solutions is the driving force behind the creation of the CitySolar bin. *A solar-powered waste bin they designed is described as a smart container equipped with a compressor for compacting waste, and the drive of the compacter is powered by solar energy. Thus we save space, and reduce costs and CO2 emissions. –* explained Martyna Samson from Eloplast. – *This Scandinavian innovation is perfect for public spaces, schools and large enterprises. –* she added.



ELECTRIC GARBAGE TRUCK FROM A POLISH MANUFACTURER



The electric garbage truck from Polish Grupa Auto Moto Projekt also uses renewable energy. – *The innovation lies in the fact that it is powered directly from its batteries, not traction batteries. This allows the vehicle to cover 250 kilometres, which corresponds to 8 hours of work in an urban operating cycle. –* explained Michał Zubilewicz, founder of the Auto Moto Projekt Group – *We tested this solution in several cities, and the results were excellent –* he emphasised.



A FOUR CAMERA SYSTEM EQUIPPED WITH AN ARTIFI- CIAL INTELLIGENCE MODULE



The 24th Ekotech showcased Globtrak Polska - for the first time they presented a system of four cameras integrated with an artificial intelligence module. - *This innovative solution is primarily intended to increase the safety of people near the vehicle during the municipal waste collection process. The system is designed to support young drivers in manoeuvring municipal vehicles* – added Rafał Chaba from Globtrak Polska.



THE PRACTICAL DIMENSION OF RECYCLING. CHESS MADE FROM RECYCLED MATERIALS AND BEE HIVES FROM WA- SHING MACHINES



The Odzyskaj Środowisko [Recover the Environment] Foundation, MB Recycling, PolKa - Polska Kaucja and GECON jointly put up an expo stand at the Ekotech showing practical aspects of recycling. They presented innovative solutions in circular economy and environmental education. The presentation included beautiful chess pieces made of recycled materials, as well as parts of cables and refrigerators. The Recover the Environment Foundation proudly presented recycled hives made from a washing machine drum.

EXPO ACCOMPANYING EVENTS



THE INTERNATIONAL WASTE MANAGEMENT FORUM

The International Waste Management Forum was held for the tenth within the expo scope. The Forum is devoted to new trends and challenges in the waste sector. - *Kielce is a perfect place for such an event* - said Andrzej Bednarek, president of AK NOVA, at the grand opening. - *Although we are headquartered in Poznań, we have arranged this forum at the Ekotech in Kielce for a decade and we plan to continue this tradition* - he added. This year's MIFOD was held under the banner of „ES”, standing for „System Effectiveness”, with the participation of featured guests from Slovakia, Portugal and Italy. Discussions put into the limelight the topics of innovative waste collection systems, collection control mechanisms and obstacles to achieving higher recycling rates.



„ECOLOGIST FOR LOCAL GOVERNMENTS” AND „ECOLOGIST FOR COMPANIES”

Upon the initiative of the Polish Association of Vehicle Disassembly Stations Eko-Auto and the Ekolog company, two events were held during Ekotech: „Ecologist for Local Governments” and „Ecologist for Companies” discussed the problem of abandoned cars on city streets, the preparation of strategic documents for local government units and issues related to environmental audits.

DEBATE ON „START OF THE DEPOSIT SYSTEM. SIGNIFICANCE FOR CONSUMERS AND BUSINESS”

The debate held under the banner of „The start of the deposit system. Significance for consumers and businesses”, arranged by the PolKa-Polska Kaucja company concerning the impact of introducing the deposit system in Poland on businesses and consumers, enjoyed great interest. The speakers' list included industry specialists Sebastian Anioł from InPost, Filip Piotrowski, circular economy specialist at UNEP/GRID, Marek Mateja - SUP implementation coordinator, Marcel Rakowski PolKa - Polska Kaucja and Ewa Badowska-Domagala, legal advisor. The discussion showed that experts unanimously emphasised that the deposit-refund system is necessary in Poland and can be implemented appropriately despite numerous challenges.



MEETING DEDICATED TO THE CHALLENGES OF RECYCLING PHOTOVOLTAIC PANELS AND LITHIUM-ION BATTERIES

For the first time, Ekotech also hosted a session on the challenges associated with the recycling of photovoltaic panels and lithium-ion batteries used in electromobility; the session was organised by the Waste Management and Recycling Cluster. The seminar brought together public administration, entrepreneurs and all those interested in environmental protection and municipal waste management.





TRAINING AND INFORMATION CONFERENCE ORGANISED BY THE FORS CAR RECYCLING FORUM ASSOCIATION

Ekotech agenda also included a training and information conference organised by the FORS Car Recycling Forum Association; the latest trends and regulations in the vehicle recycling industry, the deregulatory package and ESG were discussed in detail. In his opening speech, Adam Małyszko, FORS President, noted that the vehicle recycling sector will continue to grow. Advanced recycling technologies enable the recovery of more valuable raw materials from vehicles that reach the end of their life cycle. Nevertheless, the market faces many threats.



A KNOWLEDGE AND SKILL COMPETITION WITH PRIZES FROM SANTRADE

The attractions galore for industry visitors included two competitions with prizes from Santrade: a knowledge competition and a skill competition. The winners of these competitions were the PUH RUCHAŁA and Jarjet, respectively.

Polish Ukrainian Forum

For the first time, the April Targi Kielce Ekotech welcomed the national stand of Ukrainian companies, which was organised by the Centre for Ecology and Economic Promotion and the Polish-Ukrainian Economic Center.

- *Our guests, a delegation from Ukrainian cities, are here to share what the cities have to offer, their expectations and what they would like to do. These are the silent heroes on whose shoulders the fate of the inhabitants rests, they care for their webeing, life, food and housing amid the noise the bombs and drones generate* - emphasised Czesław Roll, President of Board at the Centre for Ecology and Economic Promotion.

The Ecotech's Ukraine cooperation zone witnessed numerous meetings between representatives of several cities and communes from Ukraine and representatives of the Kielce city authorities and local business. The mayors of Ukrainian cities and municipalities - Zviahel, Korostien, Poltava, Uman, Boyarka and Zhytomyr were active event participants. The guests will discuss Polish experiences in urban modernisation, development opportunities for Ukrainian cities and ways of possible cooperation.



ECO NO FRILL ATTACHED AT EKOTECH

Owing to the cooperation with Interzero Polska, the 24th Ekotech in Kielce was the set for new episodes of the „Eko bez kantów” series - inspiring conversations between Jakub Pawłowski - a journalist and publicist cooperating of Dziennik Gazeta Prawna and Przegląd Komunalny with guests.



MONIKA MICHALSKA



PANI_OD_ODPADOW

Monika Michalska, a waste educator, online-nickname - the Waste Lady, had a conversation with Jakub Pawłowski. She shared her observations on the challenges faced by the waste industry and the role of ecological education in shaping citizens' awareness. This discussion was also an opportunity to delve into the needs of society in the context of waste management, barriers to the development of waste management and issues related to introducing a deposit system. Much attention was paid to the issue of textile waste, an increasing environmental challenge.



MACIEJ TORA,
PRESIDENT OF 2LOOP TECH SA

In the conversation between Jakub Pawłowski and Maciej Tora, president of 2loop Tech, the focus was primarily on recycling photovoltaic panels. The discussion contained many pressing questions whether photovoltaic panels are a good source of secondary raw materials? how long do the panels last and what can they be used for? is a solar panel electronic waste? There were also details regarding the „Clean Air” governmental program.



KATARZYNA BŁACHOWICZ,
VICE PRESIDENT OF THE MANAGEMENT BOARD
AT THE COORDINATOR OF THE WASTE MANAGEMENT
AND RECYCLING CLUSTER

In her conversation with Jakub Pawłowski, Katarzyna Błachowicz discussed issues related to the waste and recycling industry, current legal provisions and EU regulations that determine the development of the entire sector. There was also information on the circular economy and the operation of the Municipal Waste Selective Collection Points, the so-called PSZOK [points of selective collection of municipal waste]. She also shared her invaluable experience gained during the implementation of pivotal projects in the Waste Management and Recycling Cluster and recapitulated all possible tasks that can be undertaken to protect the environment.

Zachęcamy do obejrzenia odcinków w serwisie YouTube, na kanale „Eko bez kantów”.





We have been a part of the Ekotech for 5 years and each consecutive expo is better than the previous one. The municipal sector is a fairly small, so we are pleased to be able to meet our partners here. Customers are very keen to visit this part of Poland, and they appreciate Kielce for the many new things showcased at the expo. I sincerely encourage everyone to attend this event, with a lot of topical knowledge, many interesting exhibitors, interesting products, and above all, the opportunity to meet in a business atmosphere.

*Paulina Bobońska
GLOBTRAK*

We have already exhibited at Targi Kielce's expo for the eighth time. Every time we are here we are pleased to participate - we meet many interesting companies and people, with whom we often continue relations and start to cooperate.

*Karol Wójtowicz
Technika Komunalna*

The Ekotech is industry-specific and knowledge-packed; it is worth exhibiting here because we stay in touch with our current customers, maintain those relationships and establish new ones.

*Adam Sitarek
DITTA-SERIA*

This was our debut at the Ekotech fair, so we didn't really know what to expect, but we were surprised by the great interest from visitors. This expo is ideal for maintaining relationships with our customers, and many of our partners will attend it. You can also establish new business contacts and new relationships - which is the most valuable thing for us.

*Karolina Wrońska
MB GROUP*

Ekotech is one of Poland's most meaningful events of communal services expos; it is worth exhibiting at this event as it is a unique opportunity to establish so many new and fruitful business contacts!

*Krzysztof Małyszko
POSKOM*

We exhibit at trade fairs because we see the need and interest of our prospective customers. The visitors are very diverse, and among them are many of our friends and clients with whom we have already cooperated. We also establish a lot of new relationships, there are also clients from abroad attending the expo - from Slovakia and Ukraine. Ekotech is a very interesting and engaging show.

*Robert Gnysiński
ECOutility*

Ekotech is an excellent promotional tool for SANTRADE, as it allows our company to directly contact a group of target customers. Ekotech is worth exhibiting because the money invested in promotion pays off very well, and most of our machines presented at the show were sold.

*Grzegorz Romańczyk
Santrade*





Awards and distinctions at the Ekotech



The 24 Ekotech awarding ceremony was the place to recognise innovative solutions in the environmental protection and waste management domain. Companies' attractive and modern style of their trade fair presentation also gained accolades.



The Ekotech medals went to:

- ECOutility for the electronic garbage gazebo,
- BARTESKO PW, BARTŁOMIEJ SKOWROŃSKI, for a mobile electric device for municipal works,
- Auto Moto Projekt Group for a fully electric garbage truck.



The following products and companies received distinctions at the expo:

- APRIVA for the ZEN electric sweeper,
- EcoHydroCarbon for thermal transformation of polymer waste,
- Globtrak Polska for the GT AI Globtrak vision system,
- Ekorum for the educational and information campaign related to waste management carried out for MZGOK in Janczyce.



TOP DESIGN AWARDS for original, elegant and comprehensive expo presentation went to:

- MB Group,
- Dreiger,
- Globtrak Polska.



TARGI KIELCE TOP DESIGN - Distinctions for elegance and innovative exhibition presentation style were presented to:

- Krozmet,
- Recykl Recovery Organisation,
- Kärcher,
- GP Truck Trading,
- Zeppelin Polska,
- Melex.

Ekotech 2024 ANNIVERSARIES



At the end of the gala ceremony, Exhibitors celebrating anniversaries were also appreciated.

5th birthday wishes went to YourB-DO company. Globtrak Polska celebrated its 15th anniversary. The GP TRUCK TRADING company and the FORS Car Recycling Forum Association have been in the market for a quarter of a century. The Zygmunt J. Głuchowski SC Zygmunt Głuchowski I Helena Głuchowska Kooperacja – Przemysłowo-Handlowa celebrates its 30th anniversary, and the Abrys company celebrates its 35th anniversary. The SaMASZ company has also operated on the market for over 40 years.

Strategic Partner



Honorary auspices



URZĄD MARSZAŁKOWSKI
WOJEWÓDZTWA ŚWIĘTOKRZYSKIEGO



Knowledge Partners



KRAJOWY
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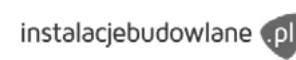
Cooperation



POLSKIE STOWARZYSZENIE
STACJI DEMONTAŻU POJAZDÓW
EKO-AUTO



Media patronage



NOTES

Inspired?

Do not hesitate to contact us!

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