

PROGRAM

22. International Congress of Environment Protection ENVICON Environment

28-30 of November 2018, WARSAW

Address:

Hotel ARCHE Krakowska,

ul. Aleja Krakowska 237, 05-077 Warszawa

#ENVICON2018

DAY I 28 of November 2018 r.	DAY II 29 of November 2018 r.	DAY III 30 of November 2018 r.
<p>1. SESSION: INAUGURATION. EFFECTIVE CIRCULAR ECONOMY</p> <p>2. SESSION: WASTE MANAGEMENT</p> <p>3. SESSION: WATER MANAGEMENT</p> <p>4. SESSION: EFFECTIVE MANAGEMENT IN SELF-GOVERNMENT</p>	<p>5. SESSION: WASTE TO ENERGY</p> <p>6. SESSION: RAINWATER, INNOVATIONS, RESEARCH AND DEVELOPMENT</p> <p>7. SESSION: AIR PROTECTION</p> <p>8. SESSION: START UP ZONE AND INNOVATIONS</p> <p>9. SESSION: WASTE MANAGEMENT AND RIPOK FORUM</p>	<p>10. SESSION: CIRCULAR ECONOMY</p>

DAY I 28 NOVEMBER 2018 r./ translated session

1. SESSION: INAUGURATION. EFFECTIVE CIRCULAR ECONOMY

Leader: Magdalena Dutka, Abrys Sp. z o.o.

10:00 The official opening of the Congress

10:15 Long-term strategy for waste management

Henryk Kowalczyk, Minister of Environment

10:30 Energy policy for Poland. Support for technology development

Krzysztof Tchórzewski, Energy Minister

10:45 Shaping, protection and rational use of water resources

Anna Moskwa, Ministry of Maritime Economy and Inland Navigation

11:00 Strategic financial projects in the field of environmental protection

dr inż. Kazimierz Kujda, President of the National Fund for Environmental Protection and Water Management

11:15 Role of inspection of Environment Protection in building of effective waste management system in country

Paweł Ciećko, Chief Inspector of Environmental Protection

-
- 11:30 DISCUSSION PANEL
Theme: Effective circular economy – opportunities and hazard for Poland
Moderator: Piotr Talaga, Deputy Editor-in-Chief of Abrys publishing
Panelists: **Henryk Kowalczyk, Minister of Environment, Krzysztof Tchórzewski, Minister of Energy, Anna Moskwa, Ministry of Maritime Economy and Inland Navigation, Kazimierz Kujda, President of the National Fund for Environmental Protection and Water Management, Paweł Ciećko, Chief Inspector of Environmental Protection**
- 12:30 COFFEE BREAK

DAY I 28 of november 2018 r.

2. SESSION: WASTE MANAGEMENT

Leader: Krzysztof Kawczyński, Polish Chamber of Commerce

- 13:30 Planning of waste management. Plans and realization of the Ministry of the Environment purposes on waste management
Sławomir Mazurek, Ministry of the Environment
- 13:45 Possibilities of financing and obtaining funds for the development of waste treatment installations
Dominik Bąk, National Fund for Environmental Protection and Water Management
- 14:00 Control of waste management with the use of new permissions and tools
Paweł Ciećko, Chief Inspector of Environmental Protection
- 14:15 Regulation of the European Commission in the field of Circular Economy
Andrzej Grzyb, Member of the European Parliament
- 14:30 Act amendment about waste. What needs to be improved?
Daniel Chojnacki, Kancelaria DZP
- 14:40 COFFEE BREAK
- 15:10 Building of effective system for waste economy in Poland- needed changes
Krzysztof Kawczyński, Polish Chamber of Commerce
- 15:25 Integrated Information System UNISOFT - ERP class for multi-industry companies for public sector services
Wojciech Stefaniak, Director of the Product Promotion Strategy, UNISOFT Company
- 15:35 Management of plastic waste in front of the latest EU legislative projects
dr inż. Kazimierz Borkowski, PlasticsEurope Polska
- 15:50 DISCUSSION PANEL
Theme: Impact of legal changes on the functioning of the waste management system in the country
Moderator: Krzysztof Kawczyński, Polish Chamber of Commerce
Panelists: **dr inż. Kazimierz Borkowski, PlasticsEurope Poland**
Tomasz Uciński, National Chamber of Waste Management
Paweł Ciećko, Główny Inspektor Ochrony Środowiska*
- 16:50 End of the session

DAY I 28 of november 2018 r.

3. SESSION: WATER MANAGEMENT

Leader: Kalina Olejniczak, monthly magazine „Wodociągi-Kanalizacja”

Block I Tariffs

- 13:30 The process of tariff verification after the law changes on collective water supply and collective sewage disposal
dr inż. Henryk Bylka, Politechnika Poznańska

13:45 Impact of regulatory changes on water and sewage industries
Łukasz Ciszewski, Law Firm Zygmunt Jerzmanowski i Wspólnicy sp.k.

Block II Extended producer responsibility

14:00 Extended Producer Responsibility in water and sewage industries
dr inż. Klara Ramm, member of the presidium EurEau

14:15 New contaminations in water supply system
Tadeusz Bochnia, Waterworks of the City of Kraków

14:30 Ecology education on Aquanet company example
Dorota Wiśniewska, Aquanet Company

14:45 Single Use Plastics – position of the polish public sector
Marcin Sekuła, Polish Chamber of the Chemical Industry

15:00 COFFEE BREAK

15:30 DISCUSSION PANEL

Chemical contaminations in water- who should be responsible?

Moderator: Kalina Olejniczak, monthly magazine „Wodociągi-Kanalizacja”

Panelists: **dr inż. Klara Ramm, member of the EurEau presidium**

Tadeusz Bochnia, Waterworks of the City of Krakow

dr Jędrzej Bujny, SMM Legal

Marcin Sekuła, Polish Chamber of Chemical Industry*

16:30 End of the session

DAY I 28 of november 2018 r.

4. SESSION: EFFECTIVE MANAGEMENT IN SELF-GOVERNMENT

Leader: Andrzej Porawski, Association of Polish Cities

13:30 Low-emission economy plans

Artur Michalski, National Fund for Environmental Protection and Water Management

13:45 Directions of supporting local government actions

Piotr Machański, Ministry of Investment and Development

14:00 Effective management of municipal property

dr Aleksanda Jadach-Sepiolo, National Institute of the Spatial Council and Housing

14:15 Effective forms of financing investments in environmental protection based on public and private funds - possible models of cooperation

dr hab. Zbigniew Grzymała prof. Nadz., Main Trade School in Warsaw

14:30 The highest quality and availability of public (municipal) services - models and methods of implementation by Polish and European self-government

prof. dr hab. Paweł Swianiewicz, Warsaw University

14:45 COFFEE BREAK

15:15 Self-government and Government actions for clean air

Daniel Wolny, Katowice City Hall

15:30 Renewable energy sources in the local economy

Beata Wiszniewska, Polish Chamber of Renewable and Distributed Energy

15:45 Selective collection system as a way for community for required recycling and salvage level

Marcin Chełkowski, National Chamber of Waste Management

16:00 Low-emission transport and intelligent transport systems

Andrzej Kowol, Municipal Transport Company, Tychy

- 16:15 DISCUSSION PANEL**
Environmental protection - stimulator of economic development and increase of the quality of residents's life
 Moderator: **Andrzej Porawski, Association of Polish Cities**
 Panelists: **Leszek Świętalski, General secretary of Union of Rural Communities, Artur Michalski, deputy chairman of National Fund for Environmental Protection and Water Management, dr hab. Zbigniew Grzymała prof. nadzw. SGH, prof. dr hab. Paweł Swianiewicz, UW, Andrzej Kowol, PKM Sp. z o.o.**
- 17:15 End of the session**
- 19:30 Ceremony of the ENVICON Congress Gala at the Sofitel Warsaw Victoria Hotel.**

DAY II 29 november 2018 r.

5. SESSION: WASTE TO ENERGY

- Block 1 Waste to Energy in current and developing waste management system**
Leader: dr inż. Aleksander Sobolewski, Institute for Chemical Processing of Coal in Zabrze
- 10:00 Thermal treatment of waste and goals resulting from the Circular Economy policy**
Magda Gosk, Ministry of the Environment
- 10:15 The prospect of using fuel from waste, law restriction and prospects for using fuels from waste as a source of renewable energy. Development of the renewable source of energy sector and the use of waste**
Andrzej Kaźmierski, Ministry of Energy
- 10:30 Potential and experience of a Polish company from the energy sector in the construction of ITPOK**
dr inż. Jerzy Mirosław, RAFAKO
- 10:40 Waste to Energy today as a basic element for national waste management system**
prof. dr hab. inż. Tadeusz Pająk, AGH University in Krakow
- 10:55 Why in Circular Economy System "Waste to Energy" is needed?**
Paweł Strzelecki, SUEZ Poland
- 11:05 The current potential of RDF fuels on the market and the directions of their use**
dr inż. Aleksander Sobolewski, Institute for Chemical Processing of Coal in Zabrze
- 11:20 Are small heating plants fueled with alternative fuels an opportunity to address challenges in the district heating and waste management?**
Norbert Skibiński, Veolia Energy, Poland
- 11:30 COFFEE BREAK**
- 12:10 Calorific waste remaining from municipal waste treatment not eligible for recycling - treatment proposals**
Jacek Połomka, RIPOK Council, ZZO Marszów
- 12:15 Use of barriers of energy from waste in heating**
Bogusław Regulski, Chamber of Commerce of Polish Heat Engineering
- 12:30 DISCUSSION PANEL: Energy use of RDF fraction now and after 2020**
 Moderator: **dr inż. Aleksander Sobolewski, Institute for Chemical Processing of Coal in Zabrze**
 Panelists: **Magda Gosk, Ministry of Environment, Andrzej Kaźmierski, Ministry of Energy, Paweł Strzelecki, SUEZ Poland, dr hab. inż. Tadeusz Pająk, prof. AGH, Jacek Połomka, RIPOK Forum, MSS Marszów, Bogusław Regulski, Chamber of Commerce of Polish Heat Engineering**

- 13:30 LUNCH BREAK
- Block 2** **New installations and new requirements for the thermal waste treatment process**
Leader: dr hab. inż. Tadeusz Pająk, prof. AGH in Cracow
- 14:30 Law regulations changes in slag management and limitations connected to Circular Economy
Ella Stengler, CEWEP, Bruksela
- 14:45 Waste energy – legal conditions
Andrzej Drewniak, Association of Waste Energy Producers
- 15:00 Valorisation of slag after thermal waste treatment at WTTP in Krakow
Jakub Bator, Holding Communal in Cracow
- 15:15 Waste to Energy installation in a very close perspective on the example of installation in Gdansk
Grzegorz Walczukiewicz, President of the Board, Port of Pure Energy Company in Gdańsk
- 15:30 Energy from municipal waste - nearly 100 years of experience in the exploitation of ITPOK and MBT using proven technologies (such as the FAGO oscillatory furnace for small incinerators and DRANCO for dry waste fermentation)
Andrzej Bednarz, TIRU- DALKIA, Wastenergy
- 15:45 Building plans of the biggest WtE installation in Poland
Piotr Karczewski, Municipal Cleaning Company in Warsaw
- 16:00 Perspective of building another thermal waste treatment installations in Poland
dr hab. Grzegorz Wielogosiński prof. nadz. PŁ, Technical University of Łódź
- 16:15 **DISCUSSION PANEL**
 Investment planning and new challenges for waste to energy installation
 Moderator: **prof. dr hab. Inż. Tadeusz Pająk, AGH University of Science and Technology in Krakow**
 Panelists: **prof. dr hab. inż. Grzegorz Wielogosiński, University in Lodz; Jakub Bator, Holding Communal in Cracow; Ella Stengler, CEWEP; Grzegorz Waluczukiewicz, Pure Energy Port; Andrzej Drewniak**
Andrzej Bednarz, TIRU - DALKIA Wastenergy
- 17:00 COFFEE BREAK**
- Block 3** **Green energy from thermal waste treatment**
Leader: dr Ryszard Wasielewski, Institute for Chemical Processing of Coal in Zabrze
- 17:10 Legal conditions resulting from the new law on renewable energy sources
Representative, Ministry of Energy *
- 17:25 The experience of ZTPO (waste thermal treatment company) in the area of obtaining green certificates
Jarosław Kołodziejczyk, Holding Communal in Cracow
- 17:40 BAT for WtE installations
Daniel Chojnacki, Kancelaria DZP
- 17:50 The scope of necessary waste tests to obtain green certificates
dr Ryszard Wasielewski, Institute for Chemical Processing of Coal in Zabrze
- 18:05 End of the session**

DAY II 29 of november 2018 r.

6. SESSION: INNOVATIONS, ENERGY, INVESTMENT AND RAINWATER

Block 1 Innovation and energy in a water and sewage enterprise
Leader: prof. dr hab. inż. Małgorzata Kacprzak, University in Czestochowa

10:00 Sewage treatment of the 21st century as a farm of the future

-
- Zbigniew Gieleciak, Regional Center for Water and Sewage Management Tychy**
- 10:15 How the environmental protection industry in Poland, including water and sewage industry, can be included in the new climate and energy policy and the new EU financial framework until 2030
Grzegorz Wiśniewski, Institute of Renewable Energy
- 10:30 Energy conversions in water supply systems
dr Jędrzej Byłka, University in Poznań
- 10:45 Energy intensity of the water supply and sewage collection process based on data from the IGWP (Chamber of Commerce Polish Water supply) benchmarking
Adam Gołębiowski, Chamber of Commerce and Water Supply
- 11:00 Partnerstwo publiczno-prywatne alternatywą dla środków unijnych
Andrzej Kruk, Saur Polska Sp.z o.o
- 11:10 Energy potential of sewage sludge
dr inż. Tadeusz Rzepecki, Chamber of Commerce and Water Supply
- 11:25 Smart agglomerations vs sustainable development of municipal infrastructure - circular economy in the water and bio-waste economy
Prof. dr hab. inż. Małgorzata Kacprzak, University in Czestochowa
- 11:40 **DISCUSSION PANEL**
Energy potential in the water and sewage industry
Moderator: prof. dr hab. inż. Małgorzata Kacprzak, University in Czestochowa
Panelists: Zbigniew Gieleciak, Regional Center for Water and Sewage Management S.A. dr inż. Tadeusz Rzepecki, Chamber of Commerce and Water Supply
- 12:20 **COFFEE BREAK**
- Block 2 Cooperation between Poland and Ukraine**
- 12:50 Status of water and sewage companies in Ukraine - problems and demands for technologies
Jurij Żerlicym, Public Organization Smart City and Ecosystem
- 13:05 Possibilities to support water and sewage investments in Ukraine
Anna Czyżewska, National Fund for Environmental Protection and Water Management
- 13:20 **LUNCH BREAK**
- Block 3 Rainwater – opportunities and hazard**
Leader: dr Ksymena Rosiek, Cracow University of Economy
- 14:20 Commune as the beneficiary of proper management of rainwater
Ksymena Rosiek, Cracow University of Economy
- 14:35 Urban plans for adaptation to the climate
dr Ewa Jakusik, Meteorology and Water Management Institut
- 14:50 Rainwater fees- how to do it?
dr Jędrzej Bujny, SMM Legal
- 15:05 Systemic approach to rainwater management
Katarzyna Gudelis-Taraszkiewicz, Ekobudex
- 15:40 **DISCUSSION PANEL**
Rainwater- sewage or resource?
Challenges of rainwater management
Moderator: dr Ksymena Rosiek, Cracow University of Economy
- 16:40 End of the session

DAY II 29 of november 2018 r.

7. SESSION: AIR PROTECTION

Block 1 Limitations of law emission – plans and regulations

Leader: dr Krystian Szczepański, Institute of Environmental Protection

- 10:00 Planned effects of introducing the "Clean air" program
Piotr Woźny, prime minister's plenipotentiary for the "Pure air" program
- 10:15 Limiting low emissions in the strategy of the Ministry of the Environment
Henryk Kowalczyk, Ministry of the Environment
- 10:30 Electromobility Development Plan in Poland in the context of environmental protection
Tadeusz Skobel, Ministry of Energy*
- 10:45 Possibilities of financing projects under the programs battle with low emissions
Anna Król, National Fund for Environmental Protection and Water Management
- 11:00 **DISCUSSION PANEL**
Theme: Perspectives of the program's operation- Clean Air
Moderator: Tomasz Szymkowiak, „Przegląd Komunalny“
Discussion panel: Henryk Kowalczyk, Ministerstwo Środowiska, Anna Król, National Fund for Environmental Protection and Water Management, dr Krystian Szczepański, Institute of Environmental Protection, Piotr Woźny, prime minister's plenipotentiary for the "Pure air" program.
- 12:00 **COFFEE BREAK**
- Block 2 Air Protection - challenges for cities and self-governments**
Leader: Sławomir Stelmach, Institute for Chemical Processing of Coal
- 12:30 The impact of the industry on air quality
dr Krystian Szczepański, Institute of Environmental Protection
- 12:45 The prospect of reducing air pollution in cities through the development of electromobility
Anna Skarbak-Żabkin, Electromobility Forum
- 13:00 Intelligent Air Quality Monitoring System - awareness, knowledge and reliability, the first step to solving the smog problem.
Wiktor Warchałowski, Airly
- 13:10 Impact of fuel quality on the air condition
Sławomir Stelmach, Institute for Chemical Processing of Coal
- 13:25 Methods for assessing the odor of air quality in urban areas
Izabela Sówka, University in Wrocław
- 13:40 **LUNCH BREAK**
- 14:40 Heating industry activities aimed to reducing the emission of harmful substances into the air
Bogusław Reguski, Chamber of Commerce of Polish Heat Engineering
- 14:55 Limitation of secondary dusting. Practical experience in cleaning and washing streets in Cracow.
Henryka Kultys, Municipal Waste Water Treatment Company in Krakow
dr hab. Inż. Agnieszka Generowicz prof. PK, University in Cracow
- 15:10 How to improve air quality in Poland
Andrzej Guła, Cracow Smog alarm
- 15:25 Residents education regarding waste combustion
Małgorzata Maślowska, Abrys Company
- 15:40 **DISCUSSION PANEL**
Air protection – challenges for cities and self-governments – actions aimed at low emission reduction
Moderator: Aleksander Sobolewski, Institute for Chemical Processing of Coal
- 16:40 **End of the session**

DAY II 29 november 2018 r.

8. SESSION: START UP AND INNOVATIONS ZONE

Session organized by co-worker with Special Economy Zone in Lodz and Startup SPARK

- 10:00 **STARTUP BATTLE – presentation of innovative solutions for environment protection industry**

-
- Startups: **Bilberry; Intelligent ule; Bin-e; Jitiv; Seedia; Ecobean; Grinfinity**
- 11:30 COFFE BREAK
- 12:00 DESIGN THINKING Workshop
Piotr Nejman, Zuzanna Mazurek, Marek Rakowski, Direct People Innovation in Poland
- 13:30 LUNCH BREAK
- Innovative solutions for the environmental protection industry**
Leader: Kalina Olejniczak, monthly magazine "Wodociągi-Kanalizacja"
- 14:30 Commercialization of innovative products on the example of a machine for automatic waste segregation
Marcin Łotysz, Bin-e
- 14:45 Energy storage technology in the form of hydrogen and oxygen obtained from electrolysis of water
Adam Woch, Innoaux
- 15:00 Competency gap - the demand of employers, the skills of students and the university's capabilities
dr inż. Marcin Landrat, Silesian University
- 15:15 Eco-challenges in the water and sewage industry. Innovations and technologies of the future
Zbigniew Gieleciak, Regional Center for Water and Sewage Management, Tychy
- 15:30 DISCUSSION PANEL
Theme: How to connect business with new technologies. How to use the scientific and innovative potential
Moderator: Kalina Olejniczak, monthly magazine "Wodociągi-Kanalizacja", Abrys Sp. z o.o.
- 16:30 End of the session

DAY II 29 of november 2018 r.

9. WASTE MANAGEMENT AND RIPOK FORUM

Session organized by cooperation with RIPOK Forum

Leader: **Piotr Szewczyk, president of the RIPOK council**

Block 1 **Changing strategy system for municipal waste management**

Leader: dr inż. Barbara Kozłowska, University of Technology in Lodz

- 10:15 Economic conditions of functioning of municipal company
Tomasz Uciński, National Chamber of Waste Management
- 10:30 Conclusions of the Best Available Techniques for municipal waste treatment
Piotr Manczarski, Warsaw University of Technology
- 10:45 Changes in the system of collecting and directing waste to installations processing waste in region with insallations of RIPOK (Regional Municipal Waste Treatment Installation)/MBP (Mechanical-Biological Waste Processing) and TIPOK
Piotr Rozwadowski, Municipal Waste Water Treatment Company in Torun
- 11:00 A strategy for changes in the waste collection and processing system in recent years – RIPOK evolution in Regional Recycling Center
Michał Turkiewicz, Department of Economy and Municipal Services in Lubon
- 11:15 An attempt to change the method of calculating the fee for waste - verification of declaration, monitoring and control on the example of the city of Bydgoszcz
Adam Musiała, Office for Municipal Waste Management in Bydgoszcz
- 11:30 Awarded machines and new products for RIPOK from Agrex-Eco

-
- 11:40 **Sylvia Żak, Agrex-Eco**
Recycling levels and actions supporting their achievement
Piotr Szewczyk, RIPOK Forum
- 11:55 **COFFEE BREAK**
- 12:15 **DISCUSSION PANEL**
Theme: Prospects for changing the municipal waste management installations – RIPOK place in system
Moderator: **Piotr Szewczyk, president of RIPOK Forum**
Paneliści: **Tomasz Uciński, Krajowa Izba Gospodarki Odpadami**
Piotr Manczarski, University in Warsaw
Piotr Rozwadowski, Municipal Cleaning Company in Torun
Michał Turkiewicz, Department of Economy and Municipal Services in Luban
Adam Musiała, Office of Municipal Waste Management in Bydgoszcz
Sylvia Żak, Agrex-Eco

Block 2 **Biowaste management – energy and material potencial**
Leader: dr inż. Barbara Kozłowska, University of Technology in Lodz

- 13:15 Biowaste – collecting, processing of fermentation and composting product management
dr inż. Emilia Den Boer, University of Technology in Wrocław
- 13:30 Market development prospects for fermentation installation of bio waste
Jarosław Warczygłowa, Department of Waste Management in Jarocin

13:45 **LUNCH BREAK**

Block 3 **How to effectively implement selective waste collection**
Leader: dr inż. Barbara Kozłowska, University of Technology in Lodz

- 14:45 Extended producer responsibility – needed to implement and proposed functional models and product life style.
dr inż. Barbara Kozłowska, University in Lodz
- 15:00 Waste management – as a key factor in the assesment of minicipal management quality. Current status and perspective between 2020-2030
Joanna Leoniewska-Gogol, Atmoterm Company
- 15:10 Education – waste management, reduction of waste production- school, commune and media
Dorota Tanaś-Michalak, Gdansk City Hall
- 15:25 **DISCUSSION PANEL:**
Bio-waste, selective waste collection and public education - key challenges to meet recycling levels
Moderator: **dr inż. Barbara Kozłowska, University of Technology in Lodz**
Panelists: **Krzysztof Baczyński, Coca-Cola HBC Poland**
Dorota Tanaś-Michalak, City Hall in Gdansk
Joanna Leoniewska-Gogola, Atmoterm
- 16:25 **End of the session**
- 19:30 **Final of the Recycling Cup Competition, Club Dinner with DJ, Capitol Theater**

DAY III 30 of november 2018 r.

10. SESSION: CIRCULAR ECONOMY

Session organized by cooperation with **RECONOMY** and **INNOWO**

Block 1 **Directions of circular economy development**
Leader: dr Agnieszka Sznyk, INNOWO

- 10:00 Circular Economy as a new pillar for Circular Economy
Magda Gosk, Ministry of Enviroment

- 10:15 Strategy for the implementation of the circular economy in Poland
Łukasz Sosnowski, Ministry of Investment and Development
- 10:30 Circular Economy in polish community- is it going to work?
Ewa Chodkiewicz, Fundacja WWF Polska
- 10:45 Strategy and development of circular economy in the enterprise. Does it pay off?
dr Agnieszka Sznyk, RECONOMY, INNOWO
- 11:00 Circular economy - new challenges for the education model
dr hab. inż Krzysztof Pikoń, Silesian University in Gliwice
- 11:15 Circular economy - a European vision in Polish realities
Krzysztof Hornicki, INTERSEROH
- 11:25 World without waste and commitment of the year 2025 – answer of coca-cola to challenges in environmental protection
Katarzyna Borucka, Coca-Cola HBC Company, Poland
- 11:35 COFFEE BREAK**

Block 2 New business model for Circular Economy

- 12:05 Sharing economy - the current state and scale of possibilities
Dawid Sokołowski, Ordinary dinner, Founder
- 12:20 Industry 4.0 in a circular economy perspective
Marek Mieńkowski, Profeko Sp. z o.o.
- 12:35 Scootersharing- business, sharing and upcoming everyday life
Lukasz Banach, Jeden Ślad
- 12:50 Circular Economy – challenges for the textile and clothing industry
dr hab. Małgorzata Koszewska, Department of Production Management and Logistics, Faculty of Management and Production Engineering, University of Technology in Lodz
- 13:05 Sustainable fashion - strategy, goals and activities of H&M
Agnieszka Knera, Sustainability Manager, H&M ales Market East
- 13:20 LUNCH BREAK**

Block 3 Sector perspective of Circular Economy

- 14:20 Methods for monitoring the circular economy
dr hab. Joanna Kulczycka prof. AGH, Cluster of Waste Management and Recycling
- 14:35 Leftovers on the table!
Sylwia Majcher, Zero Waste Kitchen in Poland
- 14:50 Food waste in Circular Economy contest – current state and perspectives with a focus on practices in selected EU countries
Robert Maraszkiewicz, ReFood
- 15:05 Coalition of 5 factions
Małgorzata Greszta, CSR Consulting
- 15:20-16:00 **Panel: How to reconcile consumer expectations, business goals of companies, and the assumptions of a circular economy**
Moderator: Katarzyna Błachowicz, Cluster of Waste Management and Recycling
Panelists: dr hab. Joanna Kulczycka, prof. AGH, Cluster of Recycling and Waste Management
dr Agnieszka Sznyk, President of INNOWO
dr hab. Małgorzata Koszewska, Department of Production Management and Logistics, Faculty of Management and Production Engineering, Technical University of Lodz
Ewa Chodkiewicz, WWF Poland Foundation
Katarzyna Borucka, Coca-Cola HBC Company, Poland

*Organisator reserves, that program is in progress and themes and lecturers can be changed

** Organisator reserves, that theme is in progress and themes and lecturers can be changed