



the Ministry of Energy of
RK



Global Methane Initiative



"KazWaste" Kazakhstan
Waste Management
Association



Tetra Tech



The Center
«Cooperation for
Sustainable
Development»

Introductory Seminar
"Possibilities of using biogas for energy production in Kazakhstan"
May 16, 2018, Astana

Objective: To consider the key issues / problems of using biogas sources as one of the renewable energy sources, the possibilities of obtaining it for the production of "green" energy in the modern conditions of the Republic of Kazakhstan. Identification of further steps to implement the Water-Waste-Energy initiative in Central Asian countries, including the identification and implementation of a pilot project at one of the facilities in Kazakhstan.

PROGRAM

9.30-10.00	Registration of participants	
10.00-10.15	Opening of the seminar: Goals, objectives Greetings: Ministry of Energy of RK "KazWaste" Kazakhstan Waste Management Association Global Methane Initiative (GMI)	
1. Information Session: The situation on the use of biogas in the Republic of Kazakhstan as a renewable energy source <i>Moderator: Zhukenova Alma, Ministry of Energy of the Republic of Kazakhstan</i>		
10.15-10.30	The policy and legislation of the Republic of Kazakhstan on promotion of RES, including biogas	Sospanova Ainur, Department of RES of the Ministry of Energy of the RK
10.30-10.45	About the inventory of methane emissions in the Republic of Kazakhstan - main results	Eserkepova Irina, JSC «Zhasyl Damu»
10.45-11.00	Overview of biogas plants - current situation in Kazakhstan	Zhukenova Alma, Department of RES of the Ministry of Energy of RK
11.00-11.15	Brief overview of wastewater treatment facilities in Kazakhstan	Druz Natalia, expert
11.15-11.30	The "Water-Waste-Energy" initiative	Mustafina Vera, The Center «Cooperation for Sustainable Development»
11.30-11.45	Questions / Answers, a short discussion	All participants
11.45-12.00	Coffee break	All participants
2. International session: International experience of using biogas plants. Opportunities for investment. <i>Moderator: Druz Natalia, expert</i>		
12.00-12.15	Opportunities for biogas projects in wastewater treatment in Kazakhstan	Monika Shimamura, Anna Perkinson Global Methane Initiative
12.15-12.30	About USAID C5 + 1 Program: Power the Future - the main directions of renewable	Asel Kabyibaeva, USAID, Company TetraTech

	energy use for the countries of Central Asia	
12.30-12.45	EBRD Biogas Study: Interim Results	Krasayeva Maira, European Bank for Reconstruction and Development
12.45-13.00	Grants for the implementation of biogas projects	Tungat Anuar, JSC "National Agency for Technological Development "
13.00-13.10	Problems and prospects of using biogas plants	Ozdoev Boris, Kazgier-Bioenergo LLP
13.10-13.30	Questions / Answers, a short discussion	All participants
13.30-14.30	Lunch break	
3. Session of practitioners: The experience, barriers and prospects for using biogas plants <i>Moderator: Mustafina Vera, Kazakhstan Waste Management Association "KazWaste"</i>		
14.30-14.45	Creation of BSU with the capacity of 4.8 MW	Trebukhin Alexander, LLP "ZOR-Biogas"
14.45-15.00	Biological treatment of wastewater, lakes of reservoirs, reservoirs and rivers	Sarmurzin Zinigul Serikovna, Republican collection of microorganisms KN MES RK
15.00-15.15	Dry fermentation of waste in horizontal reactors, generation of biogas, its purification and use as fuel	Rostislav Baskakov, Solid Environmental Technologies Oy (Finland)
15.15-15.30	Technologies for the collection and use of landfill gas	Artis Petrovskis, UPB HOLDING
15.30-17.00	Questions, answers. Discussion. Recommendations and proposals for the resolution.	All participants
17.00-17.15	Closing of the seminar	Dosmakova Bizara Zhakievna, Waste Management Department of the Ministry of Energy of the Republic of Kazakhstan Monika Shimamura, Global Methane Initiative Mustafina Vera, The Center «Cooperation for Sustainable Development»
17.15-17.30	Coffee break	All participants