

2014 “Sustainable Energy Policy Through Digital Innovations: Synergy of Energy Efficiency and Renewable Energy” Workshop Programme

“Russia-Korea investment cooperation opportunities in sustainable energy field ”.

Hosted by: ROK Ministry of science, ICT and future planning

Organized by: EurasTech Corp.; ISTC

Supported by: National Research Foundation of Korea (*Draft*)

October 21, 2014

Seoul, Best Western Gangnam Hotel

205-9 Nonhyun-dong, Gangnam-gu, Seoul

09.00 - 10.00	Arrival and registration of participants
10.00 - 10.20	<p>Opening Ceremony. Addresses to the Workshop participants.</p> <p>Official representatives of the ROK Ministry of Science, ICT and future planning *, National Research Foundation of Korea* ISTC manager *</p>
10.20 - 12.30	<p>Plenary session 1 & B2B meetings Theme 1. Improving Energy Efficiency and Energy Saving Technologies in Russia Moderator: Alexander Gorshkov. Vavilov State Optical institute, SPb</p> <p>Speakers.Themes:</p> <p>10:20-10:40 Anton Tyukov, PhD, Asst. professor Volgograd State Technical University. - Energy efficiency technologies based on IT in the framework of Russian energy saving program for municipal and service institutions till 2020.</p> <p>10:40-11:00 Alexander Gorshkov. Vavilov State Optical institute, SPb- Modern energy-efficient nanotechnology to improve the efficiency of solar panels</p>
11:00-11:15	Coffee-break
11:15-11:30	<p>Maxim Scherbakov, Asst. professor. Volgograd State Technical University – Intelligent Data Processing in Energy Management Systems: from data to energy savings</p> <p>Theme 2. Renewable Energy: Solar Energy Policies Designed to Encourage Modernization and Technical Innovation in Russian and CIS Industry</p> <p>Speakers.Themes:</p> <p>11:30-11:45 Oleg Sinyugin, PhD Lomonosov Moscow State University - Technology priorities in modern renewable energy and Russian technological platforms (tentative title) *</p> <p>11:45-12:00 Oleg Olshanksy. Solar Technologies LLC.; Infodate - Solar power plants as a key energy resource for public transport in south regions of Russia</p> <p>12:00-12:15 Belousova Inna. Vavilov State Optical institute, SPb - Energy laser-optical system for space-based conversion solar energy based on fullerene-oxygen-iodine laser</p> <p>12:15-12:30 Mikhail Berezkin.Moscow State University - Innovation global geography of traditional and renewable power sources</p> <p>Venue: Diamond Hall and Emerald Hall (B2B)</p>
12.30 - 14.00	<p>Business Opening Lunch for Forum’s participants.</p> <p>Venue: GN Restaurant</p>

14.00 - 16.30	Plenary session 2 & B2B meetings
14:00-14:20	Lopatin Dmitry. Kuban State University Krasnodar – Reduce the cost of solar cells based on perovskites at fully printed production
14:20-14:40	Theme 3. Management of <i>Bio-resources</i> in the Era of <i>Climate Change</i> Speakers. Themes:
14:40-15:00	Inom Normatov. Tajik National University. – Estimation of the Carbon Dioxide Formation in Heat-Power Complex of the Central Asia and Prospective of Development of Hydrogen Power Engineering
15:00-15:20	Anuar Zhukeshov. PhD. Kazakh National University named after al-Farabi - Climate change in the south-east of Kazakhstan and perspectives of alternative energy in the region
15:20-15:40	Theme 4. Advanced energy materials for Russian energy sector modernization and benefits of increasing investments through SK technologies (Korean technology presentations) Speakers. Themes:
15:40-16:00	KIER (Korea Institute of Energy research) Presentation
16:00-16:15	KERI (Korea Electrotechnology Research Institute) Presentation
16:15-16:30	<i>Eurastech presentation (or Korean technology presentation)</i>
16:15-16:30	<i>Venue: Diamond Hall</i> Coffee-break
16.30 – 17.30	Round table. Q n A session. Closing remarks. Innovative financial & management tools for boosting energy efficiency and renewable energy investments. <i>Venue: Diamond Hall</i>

- Subject to be confirmed
- Program can be changed without notice