

**INTERNATIONAL SPECIALIZED EXHIBITION ASTANA 2017  
"FUTURE ENERGY"**

**Future Energy Forum  
"General Access to Sustainable Energy"**

**EU Energy Day: Conference  
*Clean energy solutions for the buildings of the future***

EXPO 2017 Congress Center, Conference Room 2,  
Astana, Kazakhstan, 24 July 2017

**08:30 – 09:00**                      **Registration**

<b>09:00 – 10:00</b>	<b>Scene setting: high-level political opening</b>
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The high-level opening will address the current and future opportunities for international cooperation on clean energy technologies.

<b>Speaker</b>
Traian Laurentiu Hristea, <i>Ambassador Head of the European Union Delegation to Kazakhstan</i>
Gerassimos Thomas <i>Deputy Director General for Energy, European Commission</i>
Bakytzhan Sagintayev, <i>Prime Minister of the Republic of Kazakhstan</i> or Kanat A. Bozumbayev <i>Minister of Energy of the Republic of Kazakhstan</i> (tbc)
Klaus Troemel <i>EIB Secretary General</i>

**10:00 – 10:20**                      **Coffee break**

<b>10:20 – 12:30</b>	<b>Clean energy solutions for buildings</b>
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This panel discussion will showcase the latest technology developments in the integration of renewable energy in buildings, energy efficient appliances and construction methods, and smart building solutions focusing on the opportunities for international cooperation.

<b>Topic</b>	<b>Speaker</b>
Moderator: Claudia Canevari - <i>European Commission, DG Energy</i>	
Smart solutions for Nearly Zero-Energy Buildings	Prof. Livio De Santoli <i>Sapienza University of Rome, Italy</i>

Sustainable buildings development	Dr Carlos Santos <i>National Laboratory of Civil Engineering, Portugal</i>
3D in construction	Antoine Motte <i>General Manager, Machines-3D, Constructions-3D, Robots-3D, France</i>
Integrated solar PV solutions	Álvaro Valverde <i>Vice President of Business Development Europe, Onyx Solar, Spain</i>
Geothermal resources	Razvan-Silviu Stefan <i>Coordinator IFIN-HH/ELI-NP, Romania</i>
Green mortgage solutions	Luca Bertalot <i>Secretary General, European Mortgage Federation</i>
Horizon 2020 and financing of RES projects by SME	Farhad Shikhaliyev <i>Business Development Manager, Heliavis AG, Austria</i>
Energy-efficient paint products for buildings	Anton Peshkov <i>General Director Too Tikkurila, Regional Director Tikkurila Central Asia</i>
Discussion	

**12:30 – 13:45**

**Lunch Break**

**13:45 – 15:40**

**Clean energy solutions for cities**

This panel discussion will showcase the latest developments in urban design for smart cities relying on clean energy, and technology developments for renewable energy solutions for electricity, heating and cooling demand, and energy efficient solutions for transport and buildings focusing on the opportunities for international cooperation.

<b>Topic</b>	<b>Speaker</b>
Moderator: Matteo Governatori - <i>European Commission, DG Energy</i>	
3D visualisation of cities - Astainable 3D Demonstrator	Assem Abdykassimova <i>Engie, France</i>
Waste solutions	Pierre Tauzinat <i>CEO, Ennesys, France</i>
Smart city infrastructure	Maksim Ageev <i>Director Energy Efficiency solutions, Schneider Electric, France</i>
Energy efficient first	Almat Kabykenov <i>Head, Energy Efficiency Center, Energy Saving and Efficiency Institute, Kazakhstan</i>
Banking sector support to local authorities	Lukasz Dziekonski <i>Member Management Board Marguerite Fund; Director Structured–Equity Funding, PKO Bank Polski SA., Poland</i>
Drivers for integrating clean energy solutions	Noel Gregor Paterson-Jones <i>EFSI Investment Committee member; former Managing Director, UK Green Investment Bank</i>
Discussion	

**15:40 – 16:00**

**Coffee Break**

**16:00 – 17:00**

**Visions for a clean energy future**

The closing panel (moderated by the European Commission's Deputy Director General of Energy) will feature visionary ideas on how clean energy will shape the cities of the future and it will be followed by a discussion on the prospects for convergence or divergence between European perspective and global perspectives.

<b>Topic</b>	<b>Speaker</b>
Moderator: Gerassimos Thomas - <i>European Commission's Deputy Director General of Energy</i>	
Green energy and finance	Lord Barker <i>Chairman of the board of Lydus Partners, UK</i>
100% Renewable Energy Cities	Komila Nabiyeva <i>Energy Watch Group, Germany</i>
RES development in Kazakhstan	Arman Kashkinbekov <i>CEO, Association of Renewable Energy, Kazakhstan</i>
The role of IFIs	Agris Preimanis <i>EBRD, Director, Head of Kazakhstan</i>
Discussion	