

May 2017 – Athens, Greece

On May 18-20, Carl Greenfield attended and presented at the Hellenic Association for Energy Economics\* (HAEE) Annual Energy Conference in Athens, Greece. The theme of this year's conference focused on the challenges, investment opportunities, and technological innovations in a changing energy landscape.

The HAEE hosted industry experts, academic researchers, and government organizations, working in all areas related to energy, environment, and economy.

HAEE President, **Kostas Andriosopoulos**, introduced a number of keynote speakers to kick-off the conference – including **Giannis Maniatis** (former Greek Minister of Environment and Energy), **Kostas Skrekas** (Greek Shadow Minister for Energy), and **Geoffrey R. Pyatt** (Ambassador of the US to the Hellenic Republic).

In addition to the main plenary sessions, the conference held a number of concurrent academic- and industry-oriented sessions to facilitate the exchange of best practices, lessons learned, and innovating research. Topics covered such areas as: market developments in the oil and gas industries, energy efficiency, future of green transportation, fuel cell and hydrogen R&D, EU climate policy and emissions trading schemes, and grid management.

Mr. Greenfield, joined by fellow colleague Roku Fukui (World Bank, Transport & ICT Global Practice), presented at the “Potential Market Developments and Future Infrastructure for the Natural Gas Industry” concurrent session on May 18. Mr. Greenfield and Mr. Fukui presented the findings of their recently published paper entitled “Experience Curve for Natural Gas Production by Hydraulic Fracturing.”\*\*

In addition to overviewing the findings of their research – which prescribed an experience curve for US shale gas production – Mr. Greenfield and Mr. Fukui discussed the implications of their results and the considerations for public policy formulation and industry investment decisions.

The two gentlemen were also joined by academic and industry researchers from the Paris School of Business and the Gas Exporting Countries Forum.

For a copy of the presentation, please see: <https://app.luminpdf.com/viewer/4i8hctFuwmbX88wgx>

\*The HAEE is the Greek affiliate of the International Association for Energy Economics (IAEE). HAEE is a non-profit research and professional organization acting as an interdisciplinary forum for the exchange of ideas and experiences among energy experts.

\*\*For more detail on and direct access to the “Experience Curve for Natural Gas Production by Hydraulic Fracturing” published in *Energy Policy*, please see: <http://www.itta.com/sites/default/files/files/fukui-et-al-ep-2017.pdf> or <http://www.sciencedirect.com/science/article/pii/S0301421517301027>