



**Wolfson Department of Chemical Engineering Seminar  
Lecture Hall 6, Wolfson Department of Chemical Engineering,  
Wednesday April 11<sup>th</sup> at 1:30pm**

**Dr. Eddy Isaacs**

President, Eddy Isaacs Inc.

Retired CEO, Alberta Innovates – Energy and Environment Solutions

The landmark Paris Agreement to address climate change, officially entered into force in November 2016 and has now been signed by 193 countries. The agreement sets a course for all countries to limit global temperature rise to below 2°C and to strengthen resilience to the impacts of climate change. But are countries serious about addressing climate change? Are they developing the right strategies and are they on track? Are they pursuing technologies that can reduce emissions? Are there monumental changes in the energy system driven by technology, competitiveness and social innovation that will fundamentally impact climate policy?

To address the above questions, this presentation will review the history of climate change agreements and will examine the medium- and long-term strategies of selected countries in achieving and exceeding national targets. The focus will be on EU countries that have been vocal in fast-tracking climate solutions. Discussion will also be centered on emerging technology pathways including green energy innovation, natural gas as a 'transition' fuel, use of biomass in heat and power and carbon retention technologies and practice. It will be shown that despite enthusiastic support for climate mitigation there are many serious policy and engineering obstacles to achieving the globally required greenhouse gas reductions by mid-century and beyond.

Refreshments will be served at 1:15pm