

**EPA Climate Change Lecture Series**  
**No 5: Technological Solutions: Grey Clouds and Silver Linings**

**Speaker: Dr Lenny Bernstein, L.S. Bernstein & Associates LLC, Asheville, NC, USA. Convening Lead Author and member of the AR4 Synthesis Report Core Writing Team, IPCC Fourth Assessment Report (AR4)**

**Date: Tuesday 26<sup>th</sup> February**

**Venue: Alexander Hotel, Merrion Street, Dublin 2**

Lenny Bernstein received a Ph.D in Chemical Engineering from Purdue University in 1969. He was employed for 30 years in the petroleum industry, the first 20 for Exxon Research and Engineering Company as a researcher and research manager evaluating the environmental impacts of petroleum fuels.

His next ten years were spent as Mobil Corporation's Manager for Corporate Environmental, Health and Safety Issues. In this role he followed both scientific and political developments on global environmental issues, especially climate change. Lenny left Mobil in 1999 to form L.S. Bernstein & Associates, an environmental consulting company that advises clients on political and scientific developments on climate change.

Dr Bernstein served as a Lead Author for the Intergovernmental Panel on Climate Change (IPCC) Third Assessment Report (TAR) chapter that assessed the economic benefits and costs of climate change mitigation at the industry sector level, drafting the portions of the chapter that addressed the petroleum and automotive industries. The TAR was published in 2001. He was a Convening Lead Author for the IPCC Fourth Assessment Report (AR4) chapter on the mitigation of greenhouse gas emissions from energy intensive industries, including iron and steel, petroleum, chemicals, and pulp and paper. This portion of AR4 was published in autumn, 2007.

He was then selected as a member of the Core Writing Team that developed the Fourth Assessment Report Synthesis Report, and was part of the group that drafted that report's section on adaptation and mitigation options to 2030. The Synthesis Report was approved in November, 2007 and is available on the IPCC website. Lenny's involvement in the Synthesis Report provided the basis for his presentation on technology for controlling greenhouse gas emissions.

Dr Bernstein has attended every negotiating session since 1995 on the UN Framework Convention on Climate Change and the Kyoto Protocol.

When not attending climate change meetings, Lenny is an avid hiker and bird watcher. He has hiked the 3,000 km of the Appalachian Trail, as well as many shorter trails around the world.