

## **Climate Change Technology: What Are Our Options and How Can We Get More?**

Armond Cohen  
Executive Director  
Clean Air Task Force  
Boston, Massachusetts

Most recent analysis of the global climate challenge suggest that by 2050 the planet will need massive amounts of carbon free energy – as much as two times the amount of all energy production today – to stay within manageable warming levels. But current conventional “green options” – such as solar, wind, and biomass face substantial technical and environmental hurdles at the scale needed – while some harder path options such as nuclear face substantial political and environmental hurdles. This talk will focus on (1) scale issues, (2) the potential role for decarbonized fossil fuels, and (3) the limitations of carbon pricing mechanisms in spurring innovation the consequent need for deliberate technical innovation to meet the clean energy demand.