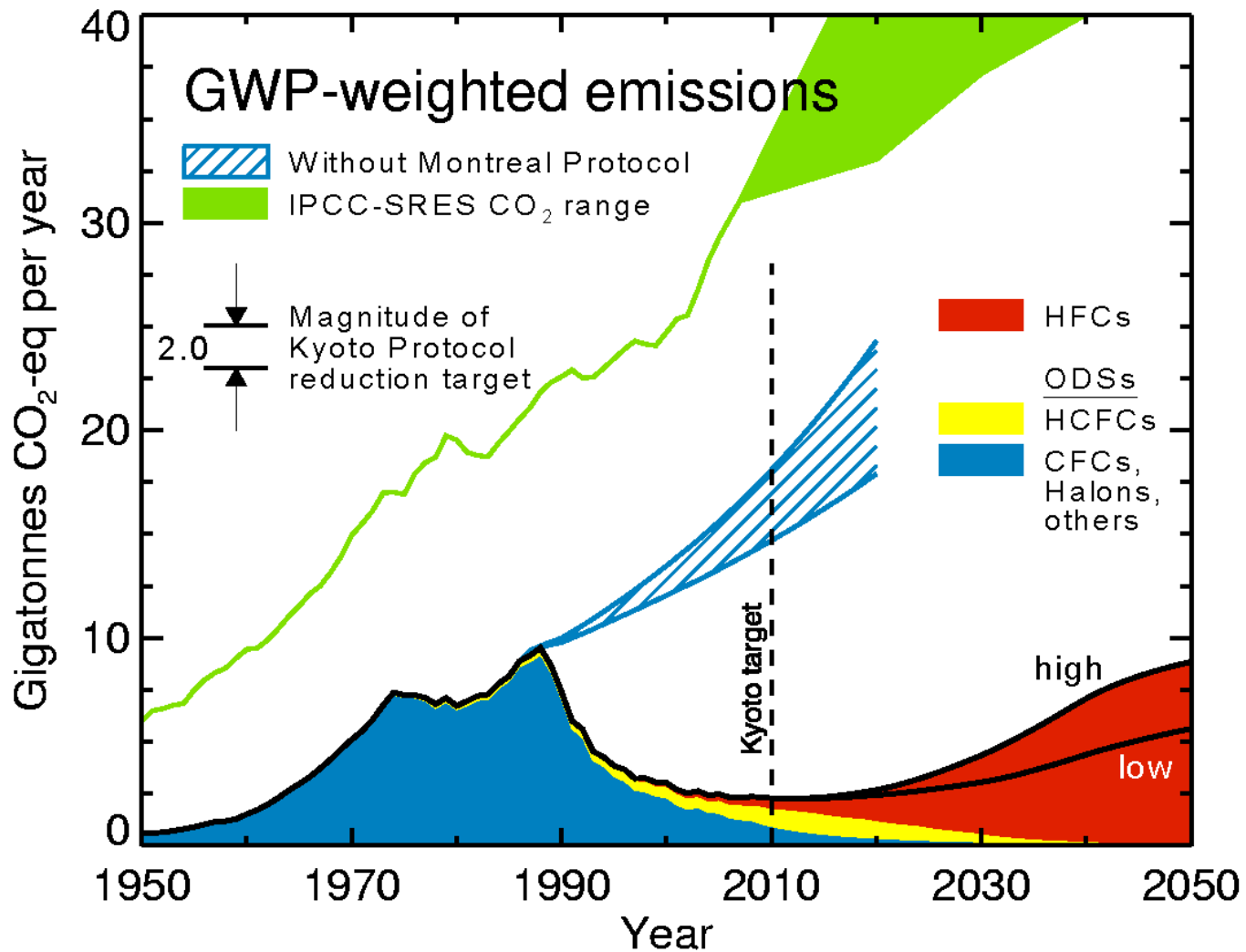


HFC Update on Montreal Protocol and the Climate and Clean Air Coalition

June 19, 2013

John E. Thompson
Deputy Director
Office of Environmental Quality
and Transboundary Issues
U.S. Department of State

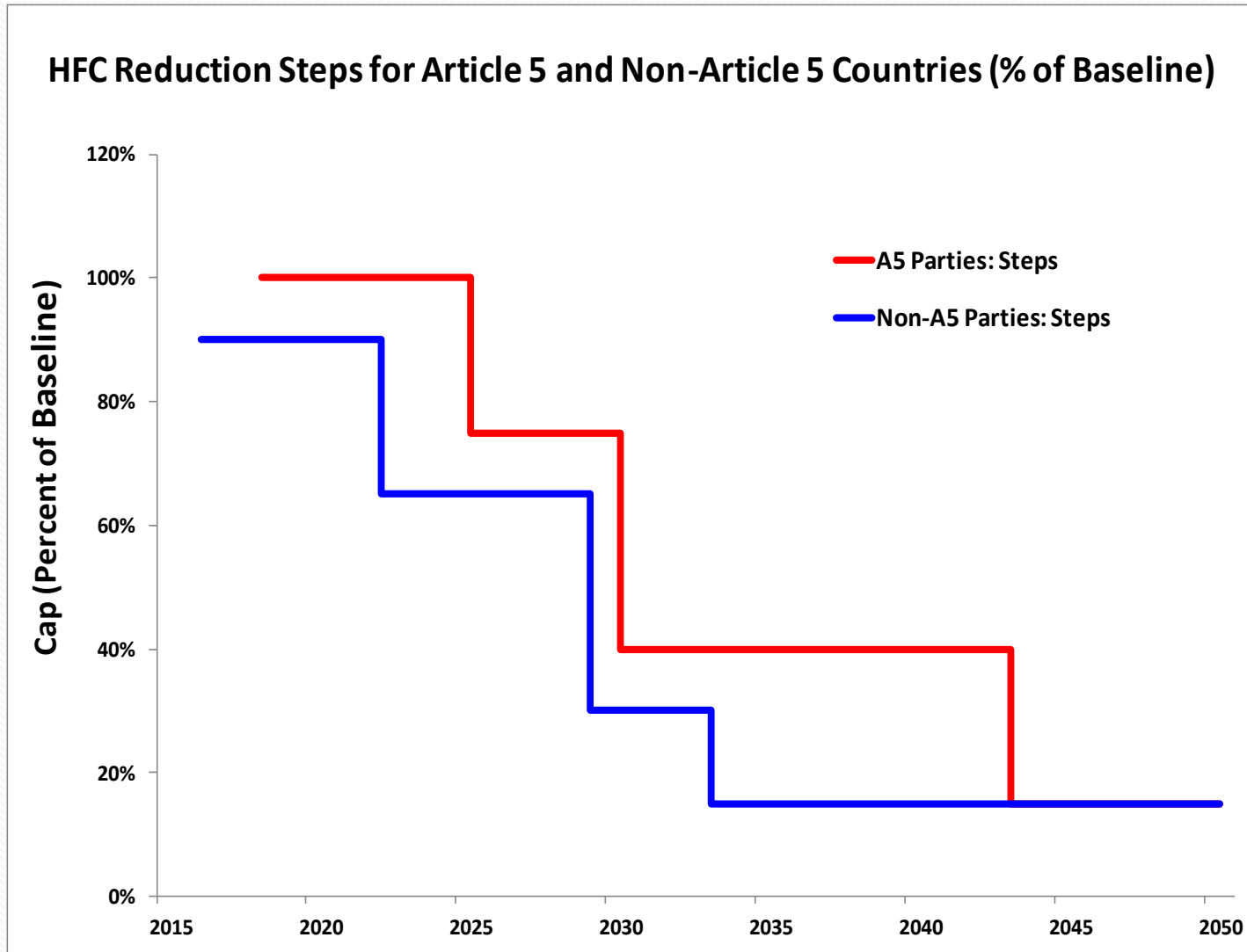
HFC Emissions Projections (PNAS, 2009)



Montreal Protocol Amendment

- North American Proposal
 - Covers 19 HFCs
 - Gradual phasedown of production and consumption
 - Control of byproduct emissions
- HFC Use Direct Result of ODS Phaseout
- Use Montreal Protocol Model and Institutions
 - We know this works
- Discuss at June 24-28 Open Ended Working Group

Amendment Phasedown Schedule



Climate and Clean Air Coalition to reduce Short-Lived Climate Pollutants

- Focus Attention on Near Term Actions that will Mitigate Climate Change
- BC, Methane, HFCs
- Working Group and Assembly Manage CCAC
- Science Panel
- Initiatives Are Core of CCAC
 - Heavy Duty Diesel
 - Municipal Solid Waste Methane Reductions
 - HFCs
 - And more...

HFC Initiative

Climate and Clean Air Coalition

- Enable Climate-Friendly Alternatives to High-GWP HFCs
- Technology Conferences
 - June 2012, December 2012
 - June 29-30, 2013
- Case Study – Commercial Refrigeration
- Inventories - Current and Future
- Future Work
 - Standards
 - Build Capacity

Global Growth in HFC Consumption

