

INDC session

Discussion on INDC in United States of America

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Features of your country's INDC

- Mitigation target: “cut net greenhouse gas emissions 26-28 percent below 2005 levels by 2025”
- Year: 2025
- Conditions: Designed to “...keep the United States on the right trajectory to achieve deep economy-wide reductions on the order of 80 percent by 2050.”
- How is the target decided? “target is grounded in intensive analysis of cost-effective carbon pollution reductions achievable under existing law...”
- What is the public opinion to the target? Climate change tends to be a secondary or even tertiary issue in the United States.
- Source: <http://www.whitehouse.gov/the-press-office/2014/11/11/fact-sheet-us-china-joint-announcement-climate-change-and-clean-energy-c>

Role of Integrated Assessment Model during the domestic discussion

- How does the model contribute to decide the target?
 - The United States uses a suite of modeling tools (e.g. NEMS, GREET) in combination with other analysis to assess the feasibility and cost of alternative emissions mitigation options.
 - Decisions are ultimately taken by high-level Executive branch officials
 - New Policy Measures include:
 - Clean Power Plan: EPA proposed guidelines for existing power plants in that would reduce power sector emissions 30% below 2005 levels by 2030 (June 2014)
 - Standards for Heavy-Duty Engines and Vehicles (February 2014)
 - Energy Efficiency Standards
 - Economy-wide Measures to reduce non-CO₂ Greenhouse Gases:
 - Limit methane emissions from landfills, coal mining, agriculture, and oil and gas systems through cost-effective voluntary actions.
 - Reduce HFCs through an amendment to the Montreal Protocol and EPA Significant New Alternatives Policy (SNAP) program.

Others

- Jointly announced with China November 11, 2014.
- Included a long list of collaborative programs
 - Expand Joint Clean Energy Research and Development: A renewed and expanded commitment to the U.S.-China Clean Energy Research Center (CERC).
 - Advance Major Carbon Capture, Use and Storage Demonstrations
 - Enhance Cooperation on Hydrofluorocarbons (HFCs)
 - Launch a Climate-Smart/Low-Carbon Cities Initiative
 - Promote Trade in Green Goods
 - Demonstrate Clean Energy on the Ground