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Environmental Governance: Promoting Health, Economic Progress and Stability

OSCE Economic and Environmental Forum
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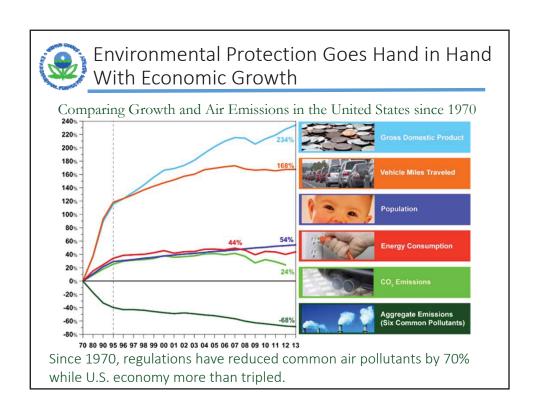
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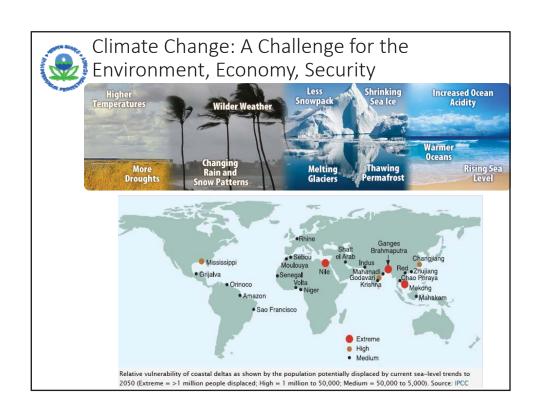
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Effective Environmental Governance Promotes a Strong Economy

- Yields health & economic benefits.
- Creates predictability, fair playing field.
- Promotes a stable business climate.
- Spurs technological innovation.
- Increasingly a barometer for broader rule of law, responsiveness, and security.

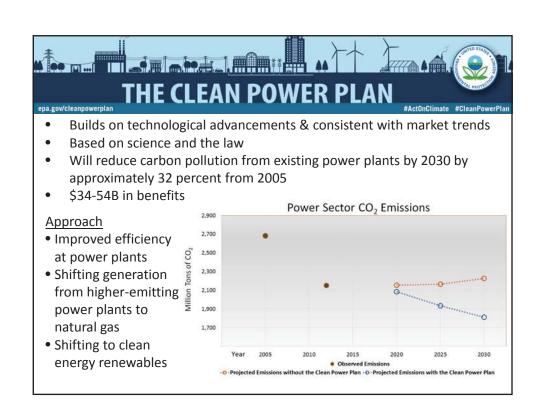








- Less Pollution: U.S. has already cut its total carbon pollution
- Renewables Increasing: In U.S. since 2009:
 - 3x wind power
 - 30x solar power
 - Solar industry creating jobs at 12x rate of other industries
- *Costs Dropping*: Average cost of solar dropped by 50% since 2010.
- *Innovation Accelerating*: Private-sector companies are scaling up clean energy innovation.
 - Business leaders are coming to see climate action as a business opportunity, not a threat.





Clean Power Plan: Unprecedented Level of Public Participation

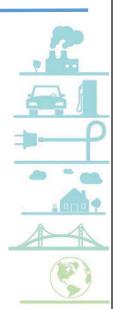
- Hundreds of outreach meetings
- Over 4 million comments.
- Final regulation benefited tremendously from this wealth of stakeholder input.
 - Range of perspectives: state, local and tribal officials; industry representatives; public health experts; public interest advocates; community leaders; and members of the public.
 - Signaled public support for action on climate change.
 - Comments from utilities helped ensure that plan reflects how electricity moves around the grid.
 - Input from federal partners ensured that rule would not disrupt the energy supply.





Other EPA Climate Actions

- Improving fuel economy standards to send vehicles farther on a gallon of gas
- Lowering **methane** emissions
- Reducing use of HFCs and supporting phasedown under Montreal Protocol
- Addressing emissions from aircraft
- Energy Conservation Standards for Appliances and Equipment
- Voluntary Energy Standards under EnergyStar
- Adaptation to prepare for impacts of climate change





Environmental Governance: Key to Sustainability

- Rio+20 & Sustainable Development Goal 16 recognized good governance & Rule of Law as essential for sustainable development
- UNEP decision 27/9 (2013) articulated core features, including:
 - Information disclosure
 - Public participation
 - Laws that are implementable and enforceable
 - Implementation and accountability mechanisms
- International cooperation example:

EPA work with China

- Expanding disclosure of emissions
- Stronger penalties for violations,
- NGO lawsuits against polluters





International Cooperation on Environmental Governance

- Proposal that UNEP compile national legal models and provide legal implementation assistance
 - Initial focus could be air pollution (WHO estimates 7 million premature deaths annually).
- Lead Paint Alliance: Voluntary multilateral initiative by UNEP & WHO
 - Major source of lead exposure, as contaminated dust in homes is ingested or inhaled by children.
 - Reduced productivity from IQ loss due to childhood lead exposure: est. \$950 billion.
 - Alliance toolkit and workshops help countries develop and implement legislation to limit lead paint

