
**International Climate Efforts
Beyond 2012:
A Survey of Approaches**

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The Paper

- Surveys 40-plus proposals
- Describes general issues in designing future international effort, and how different approaches address them
- Provides assessment criteria but does not systematically evaluate the proposals

+ **General Issues**

- + • **Form and forum of negotiations**
- + • **Time frame**
- + • **Mitigation commitments**
- + • **Adaptation**
- + • **Implementation and compliance**
- +

Forum and Forum of Negotiations

- Most proposals presume negotiation of single, global, comprehensive regime
- A few envision a ‘variable geometry’
 - Multiple agreements
 - Orchestra of Agreements / Portfolio Approach
 - Smaller groups of countries
 - Big emitters: parallel climate policy (US and China)
 - Like-minded

Time Frame

- **Short-term:**
 - E.g. Kyoto Protocol second commitment period
 - Extension of mechanisms
 - Intensity/growth targets for developing countries
- **Medium-term**
 - Graduation/multistage approaches: pathway towards global participation
- **Long-term**
 - Long-term burden sharing arrangements: contraction and convergence, Brazilian proposal

Mitigation commitments

- Approaches to defining commitments
- Type of commitment
- Stringency of commitments
- Differentiation and burden-sharing

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- Top down multilateral negotiations
 - Incremental changes from status quo
 - Comprehensive, rational design
- Menu approach
 - Choice of targets or PAMs
- Bottom-up, pledge-based
- Mixed

Mitigation commitments

- Approaches to defining commitments
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- Emission targets
 - Indexed /growth
 - No lose
 - Conditional
 - Sectoral
 - Safety valve
- Harmonized PAMs
 - Carbon tax
 - Harmonized ET
 - Efficiency standards
 - Technology based
- Financial

Mitigation commitments

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- Low level initially
- Incremental change from status quo
- Derived from concentration target

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- What is differentiated?
 - Form of commitments
 - Stringency of commitments
 - Timing of commitments

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- What is basis for differentiation?
 - Per capita income
 - Emissions
 - Per capita
 - Per unit GDP)
 - Historical
 - Population

Mitigation commitments

- Approaches to defining commitments
 - Type of commitment
 - Stringency of commitments
 - Differentiation and burden-sharing
- Pathway to global participation
 - Graduation
 - Multistage
 - Graduation and deepening
 - General burden-sharing formula
 - Contraction and convergence
 - Brazilian proposal

+ **Adaptation**

- + • **Very few proposals address adaptation**
 - + – **Impact response instrument**
 - + – **Insurance pools**
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Implementation and compliance

- **Few new institutions proposed**
- **Few proposals address compliance**
 - **Trade measures**
 - **Buyer liability**