

Policy Questions – results of first Global Dialogue Workshop

(x/y) means:

*x green points (priority for policymakers),
y blue points (feasability judged by scientists)*

High Priority Policy Questions (x 5)

Session I IPCC Reference Scenarios

⌘ Are SRES-Scenarios consistent with short-term projections by parties?
(6/6)

⌘ Are SRES-Scenarios consistent with socio-economic projections? Are the assumptions behind the Scenarios plausible? (sustainable development, biomass,...) (6/3)

Session II Impacts of Annex-I activities on developing countries

⌘ What are economic, social, impacts on developing countries (e.g. terms of trade)?
(8/2)

⌘ What are ecological impacts of climate change and adaptation costs on dev.c.
(influence of assumptions on post Kyoto)? (5/5)

⌘ What are the economic impacts on oil-exporting countries? (cost of delay) (5/3)

Session III Broadening Participation in the Global Climate Change regime

⌘ What could make it attractive to take on targets? (no-regrets, financial gains, technological transfer) (11/1)

- Short-term analyses (20-30 years)/incremental approach/how to narrow the gap
(6/5)

⌘ Incentives for deepening participation of all parties? Which incentives are needed for different groups of countries? (5/0)

Session IV Land use, Land-use change and Forestry

⌘ What are the long-term consequences of Art. 3.3 and 3.4 activities implemented in the first or second comm.per. as well as consequences of long-term implementation? (8/1)

- ⌘ How can IMAGE be further developed to model the possible transition of the biosphere from a sink to a source? What are the policy implications of the biosphere turning from a sink into a source, including inter alia for the carbon plantations? (7/3)
- ⌘ What are the implications of the additional supply of wood and of increased use of wood on the wood market/substitution of fuel-intensive products? (6/5)

Session V

- ⌘ Scenario dependence of conclusions regarding e.g. delay vs. early action (6/5)
- ⌘ Integrated environmental and economic impacts of early vs. delayed mitigation? Influence of delay vs. early action on degrees of freedom (lock-in). Implications for technology development in the north in the context of full where flexibility (5/6)

others

- Adaptation (7/0)
- IPCC PRSQ (6/1)
- Art. 2/food production (5/5)

Low Priority Policy Questions ($x < 5$)

Session I IPCC Reference Scenarios

- ⌘ What is required to realize the B1 scenario? When would these policies have to start? How to measure (4/3)
- ⌘ What are the regional climate change impacts of different scenarios? (2/4)
- ⌘ Are the assumptions behind the Scenario Families plausible/consistent with projections/literature? (1/1)
- ⌘ Which SRES-Scenario can be used by Policymakers as business-as-usual scenario? (Likelihood of Scenarios, Plausibility) (0/0)
- ⌘ Sensitivity of outcomes to changes in driving forces (0/0)

Session II Impacts of Annex-I activities on developing countries

- ⌘ What is leakage (relation to baseline scenario)? How do we measure leakage in relation to baseline scenario? Which mechanisms determine leakage? (2/0)
- ⌘ Will CDM lead to leakage? (1/3)

- ⌘ Will Annex-I actions/Kyoto-Protocol lead to leakage? What are the impacts of An.-I trading on leakage? (0/2)

Session III Broadening Participation in the Global Climate Change regime

- ⌘ How can political feasibility be included in burden-sharing analyses? (3/3)
- ⌘ How can the Triptych approach be further developed? (2/6)
- ⌘ Simpler presentation of complex models/assumptions. Transparency about assumptions (2/5)
- ⌘ How can more gases and sinks be included burden-sharing analyses? (1/2)
- ⌘ How can outcome-oriented approaches be included in burden-sharing analyses (including costs)? (1/1)
- ⌘ Impact of CDM on developing countries taking on targets? Could CDM create an incentive? Impacts of south-south investments on broadening participation (1/1)
- ⌘ Better geographical resolution (1/0)
- ⌘ Which other convergence and participation criteria (e.g. GDP, HDI) be included into FAIR? (0/2)
- ⌘ Can adaptation and damage costs be included in burden-sharing analyses? (0/0)
- ⌘ How can uncertainty in economical estimates be taken into account? (0/0)

Session IV LULUCF

- ⌘ Where are carbon plantations realistic? (Sensitivity analyses) (2/4)
- ⌘ What are the implications of carbon plantations for biodiversity and for social issues? (2/1)
- ⌘ Can IMAGE be used to assess the potential of additional activities related to agricultural soils? (2/0)
- ⌘ Strategic considerations related to Art. 3.4 (which additional activities,...) (2/0)
- ⌘ Which mitigation strategy is more effective: sequestration or fuel substitution? (1/4)
- ⌘ Discussion of carbon plantations in relation to other mitigation strategies (??)
- ⌘ What are the implications of carbon plantations and existing managed forests for the energy system (biofuels)? (1/3)

- ⌘ How realistic are the carbon plantation scenarios? (1/2)
- ⌘ Possible incentives to preserve their forests? How can we internalize global benefits? (0/1)
- ⌘ What are the implications of carbon plantations for other managed forests? (0/0)
- ⌘ Accounting for indirect/climate change effects on carbon stocks/division among parties (“bunker fuels”) (0/0)

Session V Mitigation/Stabilization Scenarios

- ⌘ Focus on environmental targets (not only on concentration levels) (3/5)
- ⌘ What determines technological change? (2/3)
- ⌘ Impact of FDI on developing countries’ and global emissions (2/0)
- ⌘ Which mechanisms constitute leakage? How can leakage be limited? (2/3)
- ⌘ Inclusion of restrictions on trading? (2/1)
- ⌘ Geological sinks (2/1)
- ⌘ Competition between different Kyoto mechanisms: How does the design of the mechs. Influence the competition? (1/2)
- ⌘ Inclusion of CDM into WorldScan/IMAGE scenarios (costs as a result)? (1/0)
- ⌘ Decisionmaking under uncertainty/stochastic scenarios (0/1)

Others

- Backcasting (1/0)
- How can the marine biospherical uptake change in the future? Sensitivity of the marine part of the carbon cycle? (0/0)