How to develop Scenarios Methodologies for LCS

Purposes of scenarios

Mikiko Kainuma

- •Purpose 1: evaluate impact of non action
- •Purpose 2: evaluate impact of action
- •Purpose 3: feasibility & cost for different regions and sectors
- •Purpose 4: Input into Negotiations

Yuzuru Matsuoka

Scenarios need to be concrete, plausible, quantitative and consistent with technology, economy and society

Models vs. Scenarios for LCS? (Neil Strachan)

Forecasting ⇔ Back-casting

Descriptive ⇔ Normative

Optimisation ⇔ Technical visions/pathways (cfr. Antonio Soria vs. Christoph Erdmenger)

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LCS modelling and Policy Making

• LCS very long timeframe $\Rightarrow$ 2050 – 2100

• Huge differences appear in global effort depending on baseline assumptions, nothing in comparison with Kyoto efforts simulations

• Most country level modelling focuses on developed countries, is this logic in this time frame? ($\leftrightarrow$ Edmundo de Alba)

• Scenarios focus more on necessary technologies/behavioural change than on optimisation/policy instrument advice

Policy modelling challenge: how make a link between modelling on 'short' term post 2012 policies with a LCS scenarios for 2050?