



Preliminary Policy Questions for Discussion

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matching modelling approaches to policy questions , 9 February 2011**

Central issue:

- Much ongoing analytical work in academia and other international organizations
- OECD's comparative advantage is typically in policy analysis with a comparative economic perspective
- **What is the right niche for OECD?**

Specificities of agriculture and land-use for GHG mitigation:

- “Macro”:
 - competing uses of land for food, fibre, feed, and fuel
 - Impact of climate change on agriculture & food security
- “Micro”:
 - Heterogeneous non-point sources
 - Can emit but also sequester carbon
 - Many GHG gases & interaction with other environmental variables
 - Many possible management practices



Point of discussion #1:

- Need to define a portfolio of activities concerning analysis on adaptation and mitigation. Currently, in OECD:
 - Ongoing analysis on risk management & climate change
 - In-house mitigation analysis remains to be defined

Point of discussion #2:

- Given level of uncertainty associated with climate change, should OECD focus specifically on **robustness of policies**?
 - Uncertainty in emission factors
 - Uncertainty in costs of mitigation
 - Heterogeneity of producers
 - Uncertainty of impact of climate change (magnitude, location, time horizon)

Point of discussion #3:

- What time horizon for analysis?

Policymakers are interested in decisions in the medium term (5-10 years) but dynamics of climate change, and transitioning to a low carbon economy, requires a longer term perspective.

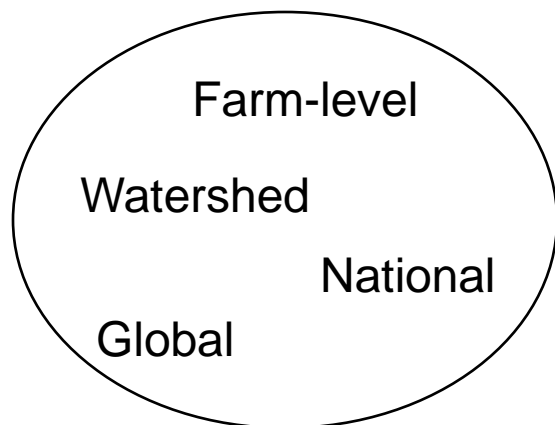


Point of discussion #4:

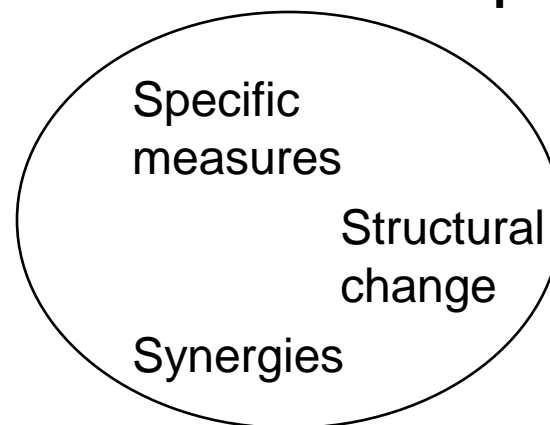
- What policy analysis for adaptation?
 - Risk management at farm level
 - Case studies on local aspects of adaptation
 - Broader “cost of adaptation” analysis
 - Synergies between mitigation and adaptation

Putting it all together:

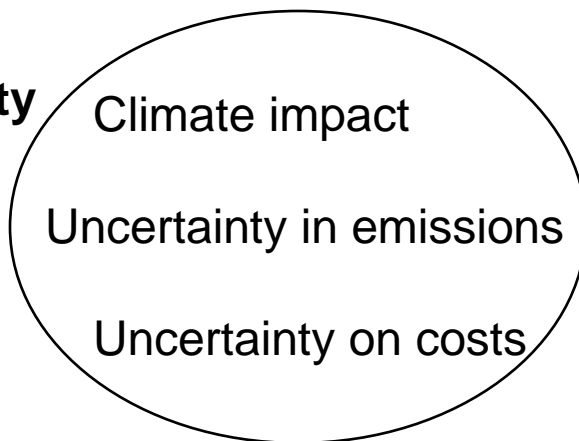
Micro vs. Macro



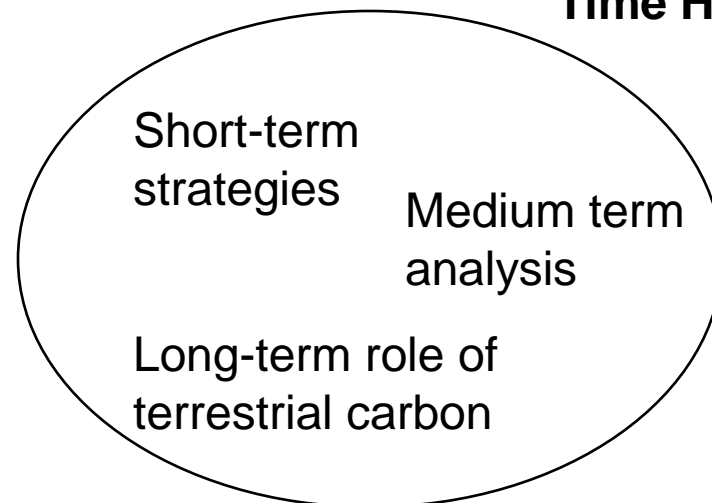
Mitigation vs. Adaptation



Uncertainty



Time Horizon





What we want from the workshop

- What are the priority policy questions that need to be addressed?
- What is the niche for the OECD?
- Which modelling approach to adopt?
- Which networks to interact with?
- What is the timescale to deliver results?

Thanks and over to you!



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