

# Modified Game Plan for EMF 22+

John P. Weyant  
Stanford University

EMF 22 Working Group Meeting  
Tsukuba International Conference Center  
Tsukuba, Japan  
December 12-14, 2006

# Issues in Designing Stabilization Scenarios

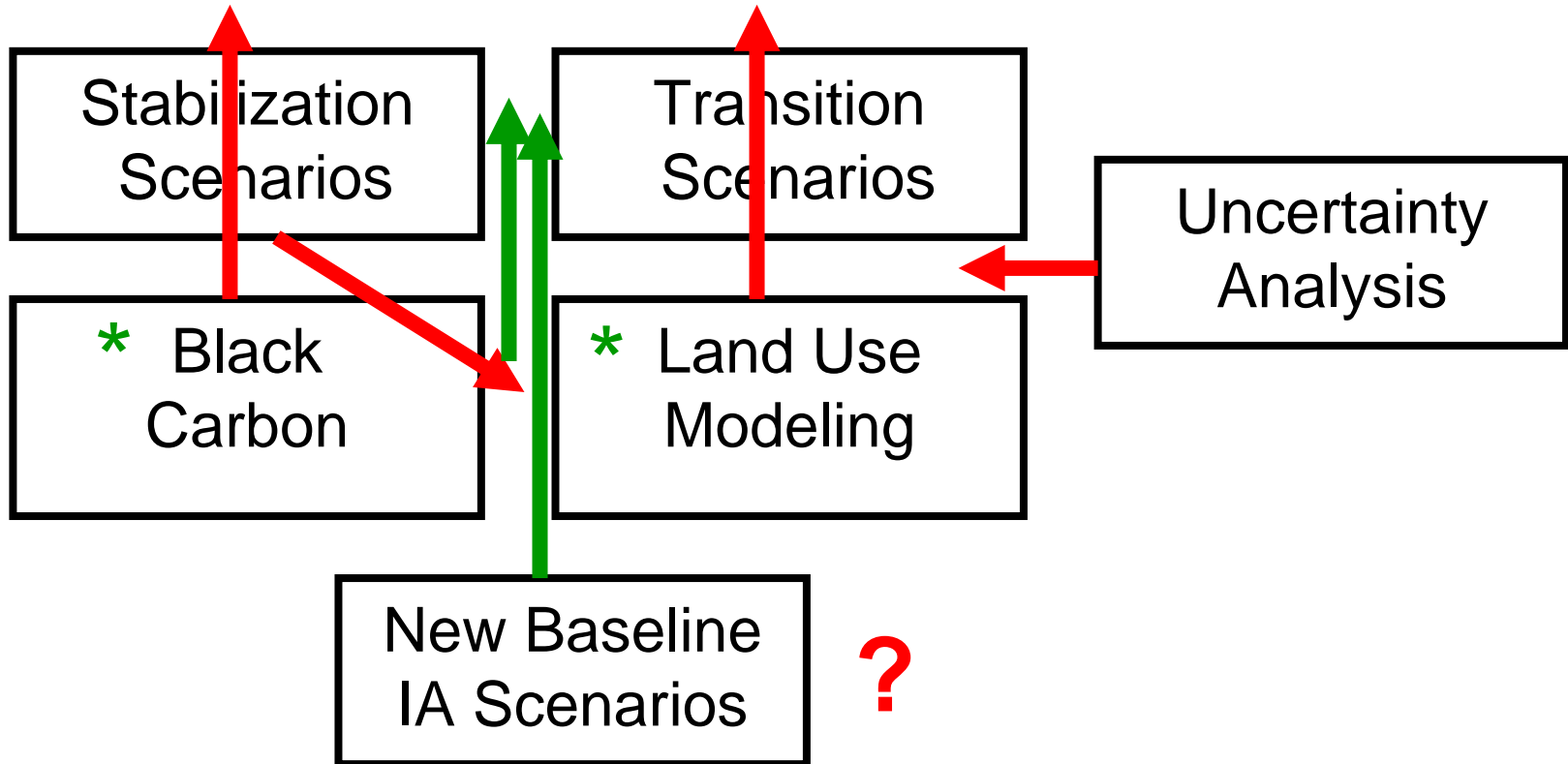
- Whether or Not to Use Stabilization Targets?
  - Could Just Project Implications of Baselines & Baselines X Policies
  - Possible Ranges of Various Metrics Could Then Be Highlighted
- What to Stabilize (or Report) and When?
  - Concentrations
  - Radiative Forcing
  - Temperature or Other Climate Changes
  - Climate Change Impacts
  - Rates of Change of Any of the Above
- What Range of Stabilization Targets to Consider?
- What Baseline Assumptions to Use?
- What Transition Pathways to Consider (Implementation Uncertainty)?
- What Policy Options to Include (Implementation Feasibility)?
  - Carbon Taxes
  - R&D, Technology Diffusion and Transfer
  - Non-CO<sub>2</sub> Gases, Sinks, Etc.

# Issues in Designing Stabilization Scenarios

- How to Provide Hedging Relevant Information Via Scenarios?
  - For “No Surprise, “Surprise” or “Not Implausible” Scenarios
  - Adaptation and Implementation as Risk Mgt. Tools
- What to Assume About International Trade?
- What Burden Sharing Assumptions to Make?
- What to Assume About Other “Climatically Important Substances?”
- What Feedbacks to Consider?
  - Land-Use
  - Carbon Cycle
- How to Provide Useful Input to Impacts Community?
  - Down-Scaling of GCM Information
  - Down-Scaling of Socio Economic Information
  - Input to - And Input From - Adaptation Community
- What Outputs to Look At?
  - Shorter Run “Metrics”
  - Meaningful “Longer Run” Metrics
  - Implementability Metrics

# Shifting Priorities for EMF 22

Highest  
↑  
↓  
Lowest



# AGENDA - OVERVIEW

- Tuesday AM, Early PM
  - Transition Scenarios
- Tuesday, Late PM
  - New Global Community Scenarios
- Wednesday, AM, Early PM
  - Regional Sustainable Development Scenarios
  - General Scenarios Discussion
- Wednesday Late, Thursday
  - OC/DC Update, Land-Use Modeling