

GMMI June Meetings Agenda

Second In-Person Meeting of the Green Macroeconomic Modeling Initiative

Copenhagen; June 18-20, 2025

Day 1: June 18

Session 1: Introductions and Overview

14:00	14:30	Welcome, Introductions, Agenda, Brief Reflections on Forum	Leon/Vanessa	Start meeting, get settled	
14:30	15:30	Overview of the Diagnostic Results & Discussion	Vanessa Ordoñez Padilla	Show updated results and split information by various topics of interest such as region, terms of trade, frictions, technology, etc.	

15:30	16:00	Break			
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Session 2: How do Different Terms of Trade Affect Outcomes?

16:00	16:05	Terms of Trade: Overview	Vanessa Ordoñez Padilla	Quick overview from aggregate GMMI results.	5 minutes, 2 slides
16:05	16:10	Terms of Trade: Purdue	Dominique van der Mensbrugghe	How did terms of trade affect your results to the carbon price run in one targeted country example?	5 minutes, 2 slides
16:10	16:15	Terms of Trade: TBD	Open slot for single country model	How is trade modeled and how does it change, if at all, with policy?	5 minutes, 2 slides
16:15	16:45	Discussion + Additional Single Slides	Moderator: TBD	What have we learned and what does this mean for next steps in GMMI data collection and runs?	

Session 3: What are the Most Important Real World Frictions that Affect Outcomes?

16:45	16:50	Frictions: Overview	Vanessa Ordoñez Padilla	Overview from aggregate GMMI results.	5 minutes, 2 slides
16:50	16:55	Frictions Presentation: IMF DSGE	IMF DSGE Team (speaker TBD)	Which frictions are captured, how are they modeled, and what are the implications for the initial runs? (Last answer could be based on sensitivities done outside of GMMI)	5 minutes, 2 slides
16:55	17:00	Frictions Presentation: LSE & Sciences Po	Aurelien Saussay	Which frictions are captured, how are they modeled, and what are the implications for the initial runs? (Last answer could be based on sensitivities done outside of GMMI)	5 minutes, 2 slides
17:00	17:30	Discussion + Additional Single Slides	Moderator: TBD	What have we learned and what does this mean for next steps in GMMI data collection and runs?	

17:30	19:00	Happy Hour			
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Day 2: June 19

Session 4: What are the Strengths of Different Model Structures in Capturing Real World Dynamics that Affect Economic Outcomes?

9:00	9:05	Introduction	TBD	What are the goals of the session?	5 minutes, 2 slides
9:05	9:12	Model Structure, Assmptions, & Real World Dynamics: ABM	Marcelo Pereira	What real world dynamics does your model capture particularly well and how did that influence GMMI economic outcomes?	7 minutes, 3 slides
9:12	9:19	Model Structure, Assumptions, & Real World Dynamics: SFC	IPEA & C3A Team (they pick 1 person)	What real world dynamics does your model capture particularly well and how did that influence GMMI economic outcomes?	7 minutes, 3 slides
9:19	9:26	Model Structure, Assumptions, & Real World Dynamics: Macroeconometric Modeling	Charl Jooste	What real world dynamics does your model capture particularly well and how did that influence GMMI economic outcomes?	7 minutes, 3 slides

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9:26	9:33	Model Structure, Assumptions, & Real World Dynamics: IAM	Christoph Bertram	What real world dynamics does your model capture particularly well and how did that influence GMMI economic outcomes?	7 minutes, 3 slides
9:33	10:30	Model Structure, Assumptions, & Real World Dynamics: Discussion & Additional Single Slides	Moderator: TBD	What have we learned and what does this mean for next steps in GMMI data collection and runs?	

10:30	11:00	Break			
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Session 5: Understanding Technological Change, and Linking to Historical Data

11:00	11:07	Using the Past to Develop Technology Assumptions	Doyne Farmer	What does the past tell us about future technological trajectories, and how can that be used to assess future scenarios?	7 minutes, 3 slides
11:07	11:30	Discussion: Technology & Beyond	Moderator: TBD	How well are we reflecting the future of technology and how can we better compare in GMMI? Are there other places where we can better use past data to assess model outcomes?	

Session 6: Energy System & Beyond -- What are the Benefits and Techniques for Model Coupling, and How do these Affect Economic Outcomes?

11:30	11:37	Modeling Coupling Presentation	RITE Team	How did you couple the models and why is this more efficient than using either model uncoupled?	7 minutes, 3 slides
11:37	11:44	Modeling Coupling Presentation	EIEE Team	How and why did you couple 3 models, and what additional information do you get that you didn't from the first two?	7 minutes, 3 slides
11:44	11:51	Modeling Coupling Presentation	Alin Halimatussadiyah	How did you couple two models, and what shareable lessons did you learn?	7 minutes, 3 slides
11:51	11:58	Modeling Coupling Presentation	Tsinghua Team	How did you couple two general equilibrium models and why is this more efficient than using either model uncoupled?	7 minutes, 3 slides
11:58	12:05	Modeling Coupling Presentation	Colombia Team	What model couplings did you do, and how does that affect your initial GMMI results?	7 minutes, 3 slides
12:05	12:30	Model Coupling Discussion	Everyone	Open discussion	

12:30	14:00	Lunch			
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14:00	14:20	Model Coupling Discussion Continued	Everyone	Open discussion	
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Session 7: What Takeaways for the GMMI do you have from the Forum and the Prior Discussions?

14:20	14:50	Discussion	Moderator: TBD	What can we take away from the Forum for the GMMI community?	
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Session 8: Next Steps on Initial Diagnostic Runs

14:50	15:30	Discussion	Moderator: TBD	What are key steps for the initial diagnostic runs and their assessment, including alterations to the template?	
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15:30	16:00	Break			
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Session 9: Mapping out a Technology Deployment Scenario

16:00	16:05	Intro	Leon Clarke		
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16:05	16:50	Examples of Deployment Policy Runs	(1) Arief Yusuf, (2) Jens Sand Kirk, (3) Jean Chateau, (4) Sebastian Wende, (5) Marcelo Pereira, (6) Christoph Bertram, (7) Ragchaasuren Galindev, (8) NCAER team member, (9) IPEA & C3A team member	Examples of deployment style runs from GMMI participants that might help us identify a good GMMI scenario. The goal is not an in depth discussion of model results -- the goal is to quickly survey the kinds of policies that modelers are putting into their models today.	Three to five minutes each, 2 slides (1 slide on methodology, 1 slides with only one figure on economic results)
16:50	17:30	Designing Comparative Deployment Policy Scenarios	Everyone	What is an interesting and informative technology deployment policy scenario that all / most GMMI teams can implement?	

17:30	19:00	Happy Hour			
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Day 3: June 20

Session 10: Mapping out an Industrial Policy Scenario

9:00	9:05	Intro	Leon Clarke		
9:05	9:55	Examples of Industrial Policy Runs	(1) Harvard team member, (2) EIEE team member, (3) Sergey Paltsev, (4) Anders Kronborg, (5) Alin Halinatussadhia, (6) Hugo Rojas-Romagosa / Sneha Thube, (7) Edson Domingues / Eduardo Haddad, (8) Dominique van der Mensbrugghe, (9) Univesity of Victoria team member, (10) Colombia team member	Examples of industrial policy style runs from GMMI participants. The goal is not an in depth discussion of model results -- the goal is to quickly survey the kinds of policies that modelers are putting into their models today.	Three to five minutes each, 2 slides (1 slide on methodology, 1 slides with only one figure on economic results)
9:55	10:30	Designing Comparative Industrial Policy Scenarios	Everyone	What is an interesting and informative industrial policy scenario that all / most GMMI teams can implement?	

10:30	11:00	Break			
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Session 11: Next Steps

11:00	12:30	Next Steps	Leon Clarke & Vanessa Ordoñez Padilla	Revise template, analyze data we have, subgroups, etc.	
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12:30	14:00	Final Happy Hour			
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