



MESSAGEix Community Meeting 2022

~ Agenda ~

Central European Summer Time (CEST)



MESSAGEix
COMMUNITY

Start time CEST	Monday 9 th of May	Tuesday 10 th of May
10:00-10:30	Opening session and introduction	
10:30-11:00	Demand side modules	Linkage of MESSAGEix with other models and tools
11:00-11:30		
11:30-12:00		
12:00-12:30	Break	Break
12:30-13:00	Hands-on session: National modeling	Hands-on session: MESSAGEix core formulation / Expanding functionality
13:00-13:30		
13:30-14:15		
14:15-14:30	Break	Break
14:30-15:00	National modeling	User interface and visualization
15:00-15:30		
15:30-16:00		
16:00-16:30	Break	Break
16:30-17:00	National modeling	Resource assessment
17:00-17:30	Enhancing sectoral representation	
17:30-18:00		
18:00-20:00	Social event: Heuriger	Social event: IIASA / Schloss-Tour

Monday 9 th of May	
Opening session and introduction	
10:00-10:30	Volker Krey , Behnam Zakeri , Laura Wienpahl , Paul Natsuo Kishimoto
Demand side modules	
<i>Moderator: Jihoon Min (IIASA)</i>	
10:30-10:50	MESSAGEix-Buildings , Alessio Mastrucci (IIASA)
10:50-11:10	MESSAGEix-Materials , Gamze Ünlü (IIASA)
11:10-11:30	MESSAGEix-Transport , Paul Natsuo Kishimoto (IIASA)
11:30-12:00	The Interplay Between Consumer Preferences for Alternative Fuel Vehicles and Energy Market at the National Level , Ayelet Davidovitch (Tel Aviv University)
Break	
Hands-on session	
12:30-14:15	High resolution modeling with MESSAGEix , Behnam Zakeri & Oliver Fricko (IIASA)
Break	
National modeling	
<i>Moderator: Adriano Vinca (IIASA)</i>	
14:30-15:00	MESSAGEix Experiences, Challenges and Way forward in Public Policy in South Asian Region , Anindya Bhattacharya (The Celestial Earth)
15:00-15:30	The Beijing energy and environmental policy case , Wenji Zhou (Renmin University)
15:30-16:00	Energy system in Bhutan , Miho Kamei (IGES)
Break	
National modeling	
16:30-17:00	Perspectives for the expansion of new renewable energy sources in Brazil , Amaro Pereira (Federal University of Rio de Janeiro (PPE / COPPE / UFRJ))
Enhancing sectoral representation	
<i>Moderator: Matthew Gidden (IIASA)</i>	
17:00-17:30	Experiences and insights from the PLEXOS-MESSAGEix framework , Maarten Brinkerink (University College Cork)
17:30-18:00	MESSAGEix-GLOBIOM nexus module: Integrating water sector and climate impacts , Muhammad Awais (IIASA; University of Victoria) & Adriano Vinca (IIASA)
Social event: Heuriger	

Tuesday 10 th of May	
Linkage of MESSAGEix with other models and tools	
<i>Moderator: Gamze Ünlü (IIASA)</i>	
10:00-10:30	Global climate damage in 2°C and 1.5°C scenarios based on climate model BCC_SESM model in MESSAGEix-GLOBIOM IAM framework, Changyi Liu (GEIDCO)
10:30-11:30	Multiple-Criteria Analysis, Marek Makowski (IIASA)
11:30-12:00	MESSAGEix_CGE linkage, Zahra Adel Barkhordar (Shahid Beheshti University)
Break	
Hands-on session	
12:30-14:00	MESSAGEix core formulation / Expanding functionality, Behnam Zakeri & Oliver Fricko (IIASA)
Break	
User interface and visualization	
<i>Moderator: Laura Wienpahl (IIASA)</i>	
14:15-14:40	Using the IIASA Scenario Explorer for model comparison and data analysis, Philip Hackstock (IIASA) & Daniel Huppmann (IIASA)
14:40-15:00	Energy Planning Decision Support Tool (EPDST), Avishek Rauniyar (The Celestial Earth)
15:00-15:30	Energy Planning and Integrated assessment Tool on MESSAGEix (EPITOME), Shankho Ghosh (The Celestial Earth)
Resource assessment	
<i>Moderator: Muhammad Awais (IIASA; University of Victoria)</i>	
15:30-16:00	BLUESix – An Improved Integrated Assessment Model for Brazil Based on the Original BLUES Model, Fabio Diuana (CENERGIA)
Break	
16:30-17:00	Bottom-up assessment of rooftop solar PV in energy and climate scenarios, Siddharth Joshi (University College Cork; IIASA (YSSP))
17:00-17:30	Cost and Accessibility of Global Non-renewable Groundwater Resources, Hassan Niazi (JGCRI-PNNL)
Feedback discussion: MESSAGEix framework	
17:30-18:00	MESSAGEix Community, Behnam Zakeri , Paul Natsuo Kishimoto , Volker Krey
Social event: IIASA / Schloss-Tour	

Background information / reading material:

- [MESSAGEix](#)
- [Documentation](#)
- [GitHub](#)