EN-ROADS

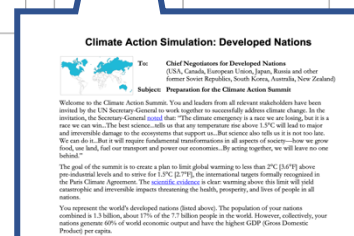*Tips for Running the Climate Action Simulation Game Online*

Overall

- Just do it. It works really well.

Preparation Tips

Materials for Participants

- We recommend assigning your participants to their stakeholder groups ahead of time – either randomly or choosing groups intentionally. Explore our Climate Action Simulation [teams & materials google sheet](#) to…
  - Communicate participant role assignments ahead of time
  - Allow them to read their briefing sheet before the event
  - Have participants prep their group's virtual background
  - Provide access to the "One-page guide to the control panel", which is a resource used throughout the simulation
- Please copy/paste the contents of our Google sheet template to create your own editable version to share with participants.

Group Name	Climate Justice Hawks	Clean Tech	Conventional Energy	Industry & Commerce	Land, Agriculture, & Forestry	World Governments (6 team version)	Developed Nations (8 team version)	Developing Nations (8 team version)	Emerging Nations (8 team version)
Link to Briefing Sheet (read before we begin this event)	https://www.clima	https://www.clima	https://www.clima	https://www.clima	https://www.clima	https://www.climateinter	https://www.climatein	https://www.climateinter	https://www.climateinter
Image to use for Zoom Virtual Background	https://www.clima	https://www.clima	https://www.clima	https://www.clima	https://www.clima	https://www.climateinter	https://www.climatein	https://www.climateinter	https://www.climateinter
Group Members:									
Additional Materials									
One Page Guide to the Control Panel:	https://www.clima								

Conventional Energy

Climate Action Simulation: Developed Nations

To: Chief Negotiators for Developed Nations
(USA, Canada, European Union, Japan, Russia and other former Soviet Republics, South Korea, Australia, New Zealand)

Subject: Preparation for the Climate Action Summit

Welcome to the Climate Action Summit. You and leaders from all relevant stakeholders have been invited by the UN Secretary-General to work together to successfully address climate change. In the invitation, the Secretary-General noted that "The climate emergency is a race we are losing, but it is a race we can win...The best science...tells us that any temperature rise above 1.5°C will lead to major and irreversible damage to the ecosystems that support us...But science also tells us it is not too late. We can do it...But it will require fundamental transformations in all aspects of society—how we grow food, use land, fuel our transport and power our economies...By acting together, we will leave no one behind."

The goal of the summit is to create a plan to limit global warming to less than 2°C [3.6°F] above pre-industrial levels and to strive for 1.5°C [2.7°F], the international targets formally recognized in the Paris Climate Agreement. The scientific evidence is clear: warming above this limit will yield catastrophic and irreversible impacts threatening the health, prosperity, and lives of people in all nations.

You represent the world's developed nations (listed above). The population of your nations combined is 1.3 billion, about 17% of the 7.7 billion people in the world. However, collectively, your nations generate 60% of world economic output and have the highest GDP (Gross Domestic Product) per capita.

Virtual Meeting Software

- Choose an online platform you have access to that has the "breakout room" feature – our team has found that Zoom Meetings work well for this.
- Familiarize yourself with the controls and features of your virtual meeting software. Make sure to learn where any important controls are beforehand – chat boxes, muting/unmuting participants, virtual background controls, etc.
  - If you have a co-facilitator(s), we suggest you both practice your virtual meeting software controls together.
- If you are using Zoom and your audience is unfamiliar with this software, add these supplemental slides to your slide deck to orient them to the webinar mechanics at the beginning of the event.
- Be aware of the audio and video of both facilitator/hosts and the participants. If you want participants muted at the beginning of the presentation, be mindful of this going into your event, and set up your virtual meeting preferences beforehand.

Zoom – "Main Room" Interface
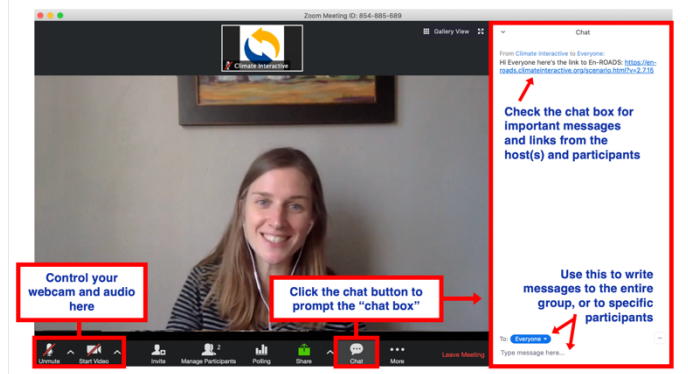
Facilitator Roles

- Decide on your team's facilitation roles beforehand – an ideal set up would include two or three people to cover the following roles, especially with a large group (one facilitator may be able to cover all of these roles with a smaller audience):

"Facilitator" or "Presenter" [recommended: 1-2 people]	- The facilitator(s) will lead participants through the event by presenting all of the game slides, simulator dynamics and role-playing as the UN Secretary General. - The main facilitator should be the one who shares their screen in order to show presentation slides and the En-ROADS simulator online. - If you have two people interested in co-facilitating, you can divide these roles up. ○ *For example:* One facilitator could welcome participants to the game and lead simulator dynamics. The other facilitator could role play as the UN Secretary general and lead participants through the debrief.

"Host" [recommended: 1 person]	- The host is responsible for ensuring the virtual meeting software is running smoothly. The host's responsibilities include things like:
	    ○ Assigning and managing participants in breakout rooms
	    ○ Managing participants' questions and controls (mute/unmute, hand raising, etc.)
	    ○ Ensuring the presenter's audio and video are working properly
	    ○ Generally keeping track of time

- **Come prepared.**
  - If you are a facilitator who will be role-playing as the UN Secretary General, we encourage you to have a change of clothes accessible to quickly "switch" from a regular facilitator to your role. No matter your role, its best to look presentable and be ready for improvisations.
  - Test your backdrop, lighting, and audio beforehand. If possible, you'll want to sit in front of a non-distracting or "plain" background. If you plan to use a virtual background, blank walls behind your seat often work well. Make sure to have lots of light in the room you are in to illuminate your face and avoid shadows.
  - Have a list of links easily accessible to send to participants (links to En-ROADS, materials, etc.)

Gameplay Tips

Introduction

- When participants arrive, the host should begin organizing the breakout rooms to reflect the pre-assigned teams (you do not need to open the breakout rooms to do this in Zoom). This can be done while the facilitator(s) are introducing the game and delivering opening marks.
- Early in the game – take a few minutes to allow participants to go into their breakout groups to introduce themselves, upload their virtual backgrounds (if applicable), and change their participant name to reflect their role.
- *Bring the drama!* We encourage the facilitator role-playing as the UN Secretary General to do their best to fully commit to this role. Do what's needed to immerse participants from the beginning – this will make for a more engaging and rewarding experience.

Breakout Rooms for Negotiation Rounds

- When you send participants into their breakout rooms for the first round of negotiations, set a clear time frame: *"We will be meeting back in the main room at 1:15pm".*
Tips for using breakout rooms with Zoom:
- Encourage participants to use the "ask for help" button if they have a question while in their breakout rooms.
- Use the "broadcast message to breakout rooms" feature to send important messages to participants while they are meeting with their groups.
- During the second round of negotiations (and forward), we encourage you to allow for teams to cross-negotiate with other stakeholder groups. To do this, participants can leave their breakout rooms to return to the "main room" – where they can ask the host to manually move them into other stakeholder rooms.
  - **Pro-Tip:** While in the main room, after the host manually moves a participant from one breakout group to another (if a clean tech rep wants to speak to someone in conventional energy), be aware the participant will **not be prompted by Zoom** to join the new room. They will need to click the "breakout rooms" button in the corner of the screen to prompt their entrance to the new room.

- Send a facilitator or host to breakout rooms to check in and see if anyone needs help or has any questions. However, we recommend leaving one leader of the game in the main room at all times.

## Plenary Proposals & En-ROADS Simulator Dynamics

- Be sure to take time to orient participants to features of the En-ROADS simulator interface if you haven't done so already.
- Allow one group representative to unmute and propose their action – keep an eye on time and limit speeches to 1 min max.
- While testing actions on the simulator, be sure to use verbal cues for where participants should be directing their eyes – e.g. "Look at the red line for oil. It is going up when you move this slider because…"
- When showing En-ROADS scenarios, use the "Replay" button frequently to maintain visual interest and keep participants engaged
- Consider enlarging your cursor so participants can see clearly what you are pointing to on your screen.
- Encourage use of the chat feature to ask participants for their input on simulation experiments, their questions, their emotional reactions, and so on. This is especially important for large groups in order to include more participants in the discussion.

Improvisation

- The format of the Climate Action Simulation provides many opportunities to be creative and improvise. Have fun with it, and encourage improvisation from both facilitators and participants if you are comfortable with it. A few examples that have worked well:
  - "Leaking" the link to the En-ROADS simulator halfway through plenary rounds
  - Hosts taking on new roles part way through – such as the "UN Security Detail" to mute participants who are protesting other groups' actions
  - Encouraging good-spirited banter in the chat box (be sure to keep things friendly and fun!)
  - Bringing in other topics relevant to climate solutions – such as geo-engineering or current events – to spark conversations and "stir the pot"
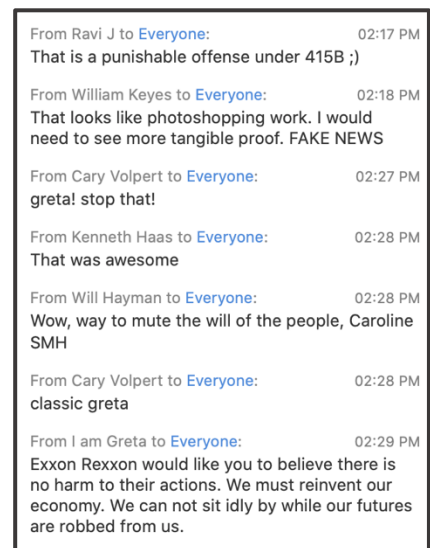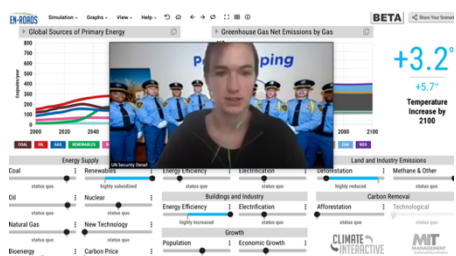
Debrief & Wrap-up

- Change the pace and intensity of the session – try using the 60 seconds of silence after creating a desired future.
- Use breakout rooms to create small groups (recommended 3-5 people) for discussion and reflection during the debrief.
- Use the "Unmute" feature for collective participation and camaraderie – e.g. ask a specific question to participants and ask them all to share their experiences and thoughts.
- At the end of the game, take a group photo of participants and share the photo on social media with us! @Climateinteract #EnROADS
- Always register your events on the Climate Interactive Website!