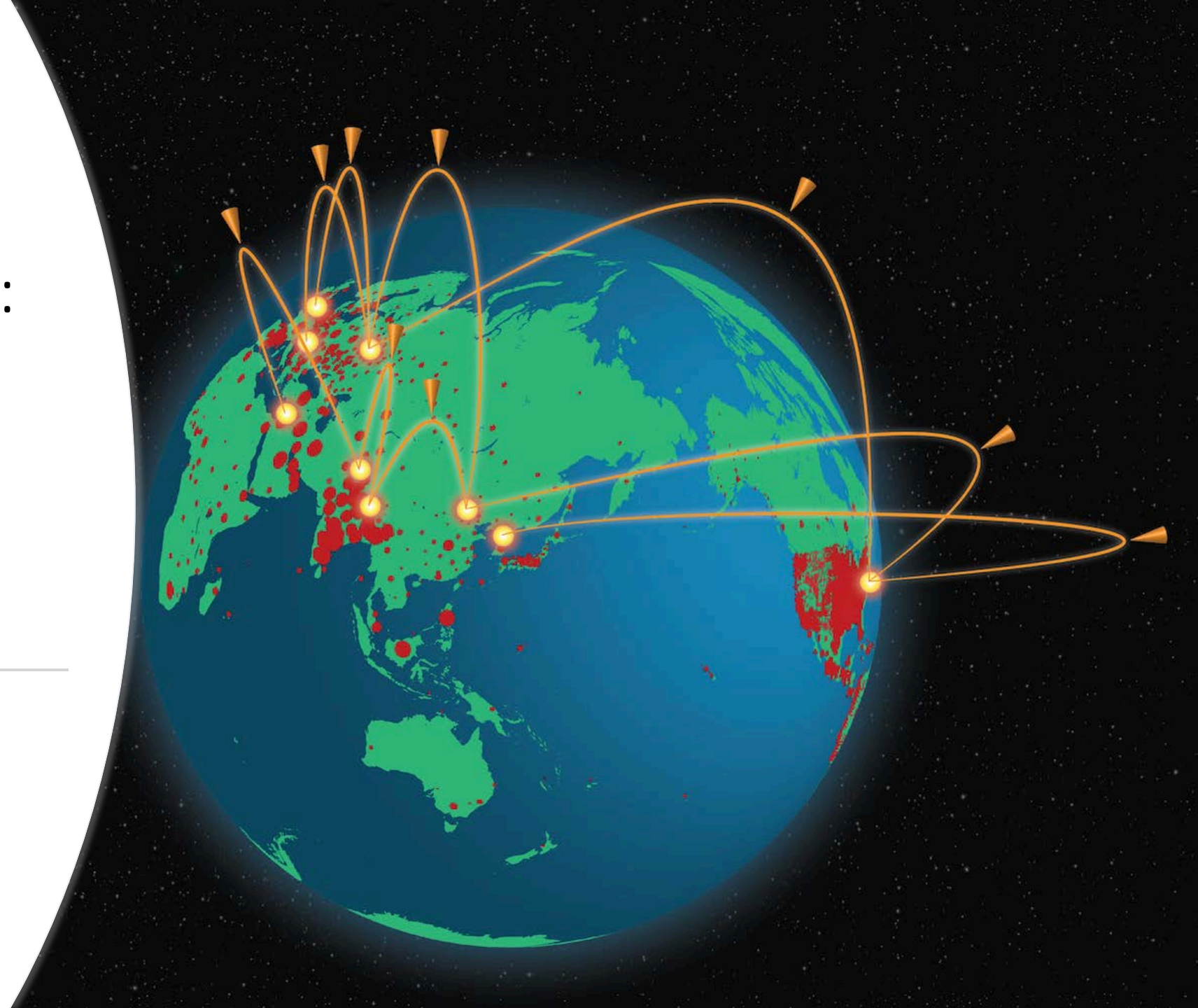


# Scenario Planning : Nuclear Risk Reduction and Disarmament in Northeast Asia

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Guiding Presentation  
Week 2  
Day 1






Target for  
today...

**Develop 4 scenarios for 2030 that  
describe alternative contexts for  
which we can imagine strategies  
for nuclear disarmament and  
reduction**

# Today's Agenda

November 14 JT  
November 13 PT



9:00am 4:00pm	●	<b>Plenary: Welcome Back, Framing, Agenda Overview</b>
9:30am 4:30pm	●	<b>Working Group Session: Scenario Development</b>
11:00am 6:00pm	●	<b>Plenary: Rapid Report Out Group Session</b>
11:15 am 6:15pm	●	<b>Break</b>
11:25am 6:25pm	●	<b>Working Group Session: Presentation Preparation AND Risk Identification Potential Outcomes</b>
12:00pm 7:00pm	●	<b>Plenary Report Out</b>
1:00pm 8:00pm	●	<b>Conclude</b>

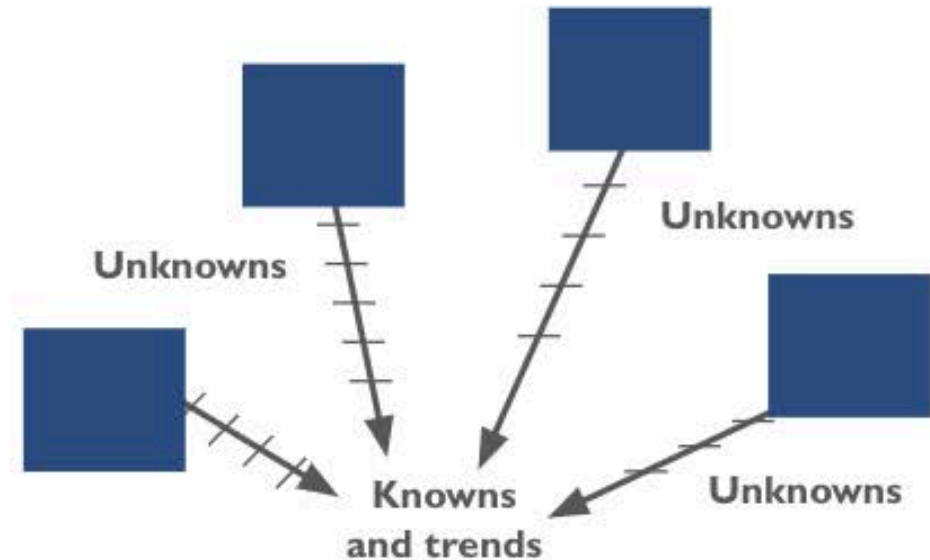
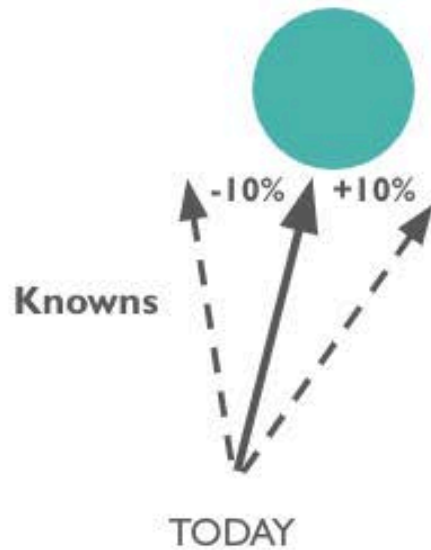
# Reminder of Project Goals

Identify opportunities driven by global pandemics for governments, civil society, and market actors to reduce nuclear risk and resume nuclear disarmament in Northeast Asia...

- 1) Develop an analytical understanding of the interrelated nature of the co-occurring existential threats of nuclear weapons and global pandemics for 2030
- 2) Explore potential levers and pathways to influence the future under various conditions
- 3) Identify concrete strategies to reduce the risk of nuclear war and resume nuclear disarmament to be considered by state and non-state actors.

# Our Approach: Scenario Planning

- Rather than beginning with a forecast that we presume **will** happen, we will explore a range of uncertainties that we can imagine **might** happen
- We will use those uncertainties to imagine four future scenarios that describe the contextual conditions within which strategies will be developed
- Then, we'll use an enriched understanding of the context to increase and expand the solution set available to us to reduce nuclear risks



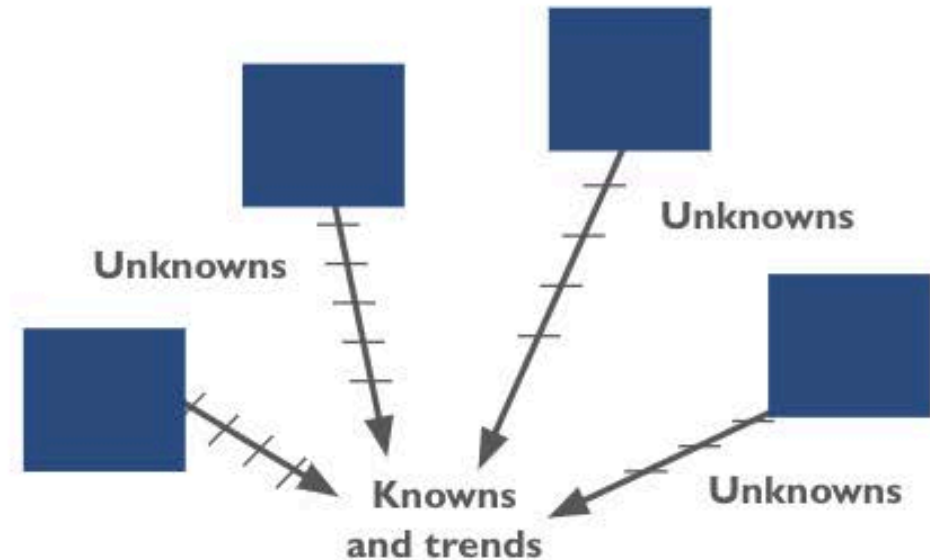
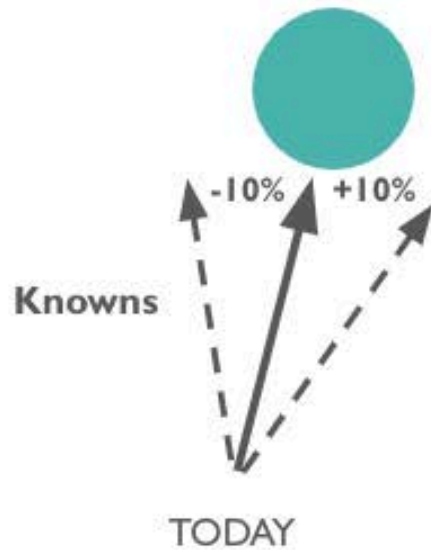
# Our Approach: Scenario Planning

## Last Session...

- Surfaced a wide range of potential uncertainties
- Imagined a range of outcomes that would impact the options available for nuclear disarmament or reduction

## Today and Tomorrow...

- Create 4 plausible alternative futures based on forces out of our control that set-up different solution sets
- Identify unique and common strategies for nuclear disarmament and reduction for various stakeholders





## A Few Reflections and Reminders

### **On Our Process**

- We are taking on a lot, and recognize that most exercises will feel rushed... In some ways, this is the start of a conversation
- We want to hear from everyone... Please be mindful that all voices are heard

### **On Our Scenarios**

- We are interested in the potential roles for cities and civil society and on implications in Northeast Asia
- We are interested in what MIGHT be, rather than what WILL be



# Team A

## Team A

### Task 2: Select Critical Uncertainties & Potential Outcomes

EXAMPLE: How will the response to COVID impact global collaboration?

Decrease with  
surging nationalism



Increase with global health  
and security cooperation

How might a distanced society impact nuclear strategies?

Greater polarisation

1 How might What impact might community mitigation measures eg. spatial distancing (a v. different behaviour from our normal) have on the structure of our societies [loss of intimacy - social isolation, psych uncertainty & implication of how we relate] -- in turn on the nature of nuclear strategy

Greater cooperation

[social only]  
1 How might community mitigation measures change the structure of our societies?

Outcome1: Psychology of uncertainty and loss of intimacy as norm; lower trust interpersonal and organisational behaviours impacting cost of doing business/politics

Outcome2: Learning to depend on social and community bonds more

How might dis/armament be fiscally influenced?

Outcome

2 To what extent financial considerations might affect disarmament or proliferation vis. budget allocations (in context of recent financial crises)

Economic recovery struggles might create catalyst to turn to nuclear vs (higher-cost) conventional weapons

[social & military]  
1 How might a re-spatialisation of society impact nuclear strategies?

Outcome1: Increased offshore strategy for deterrence/military projection of might, and potential accompanying territorial issues

Outcome2: Impetus of re-spatialised cities and countries to work across borders physical and virtual, leading to greater (readiness for) cooperation

How might pandemics impact global cooperation?

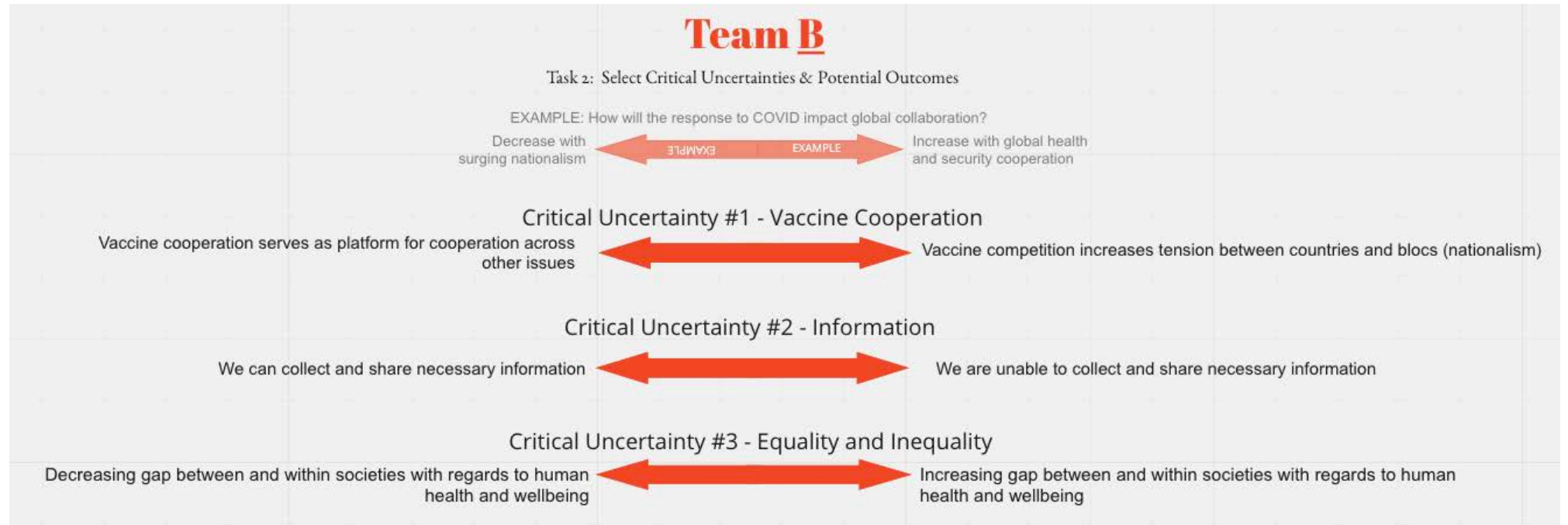
Great cooperation via global  
information resources on pathogens

8 To what extent might continuation of pandemics drive up/down global cooperation?

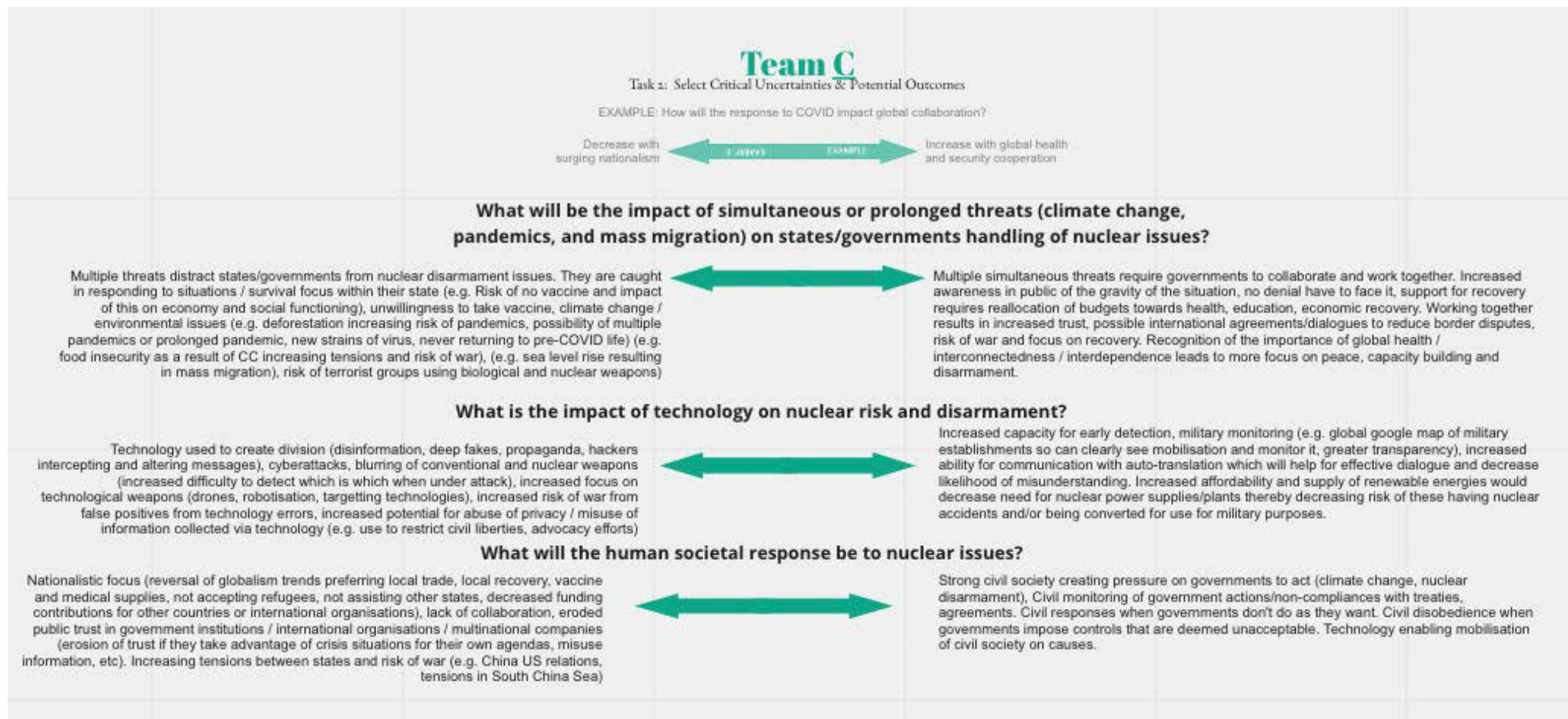
Field access to monitor pathogens may be impacted by nuclear threat -- imperative of long-distance viral sensing



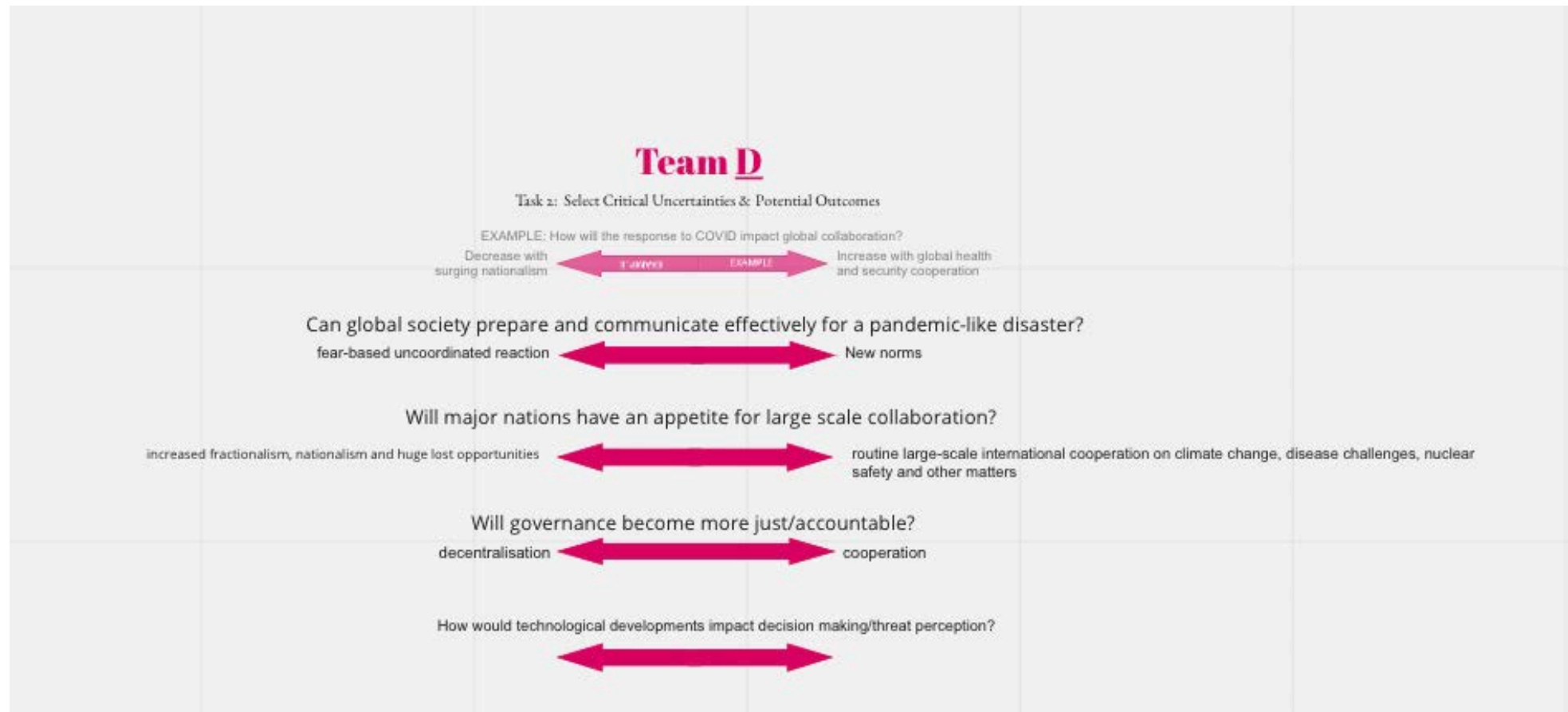
## Team B



# Team C



# Team D



# How are existential challenges such as climate, pandemics, nuclear, and migration addressed?

Axis 1

**Approach to  
Global Risks**  
Fragmented



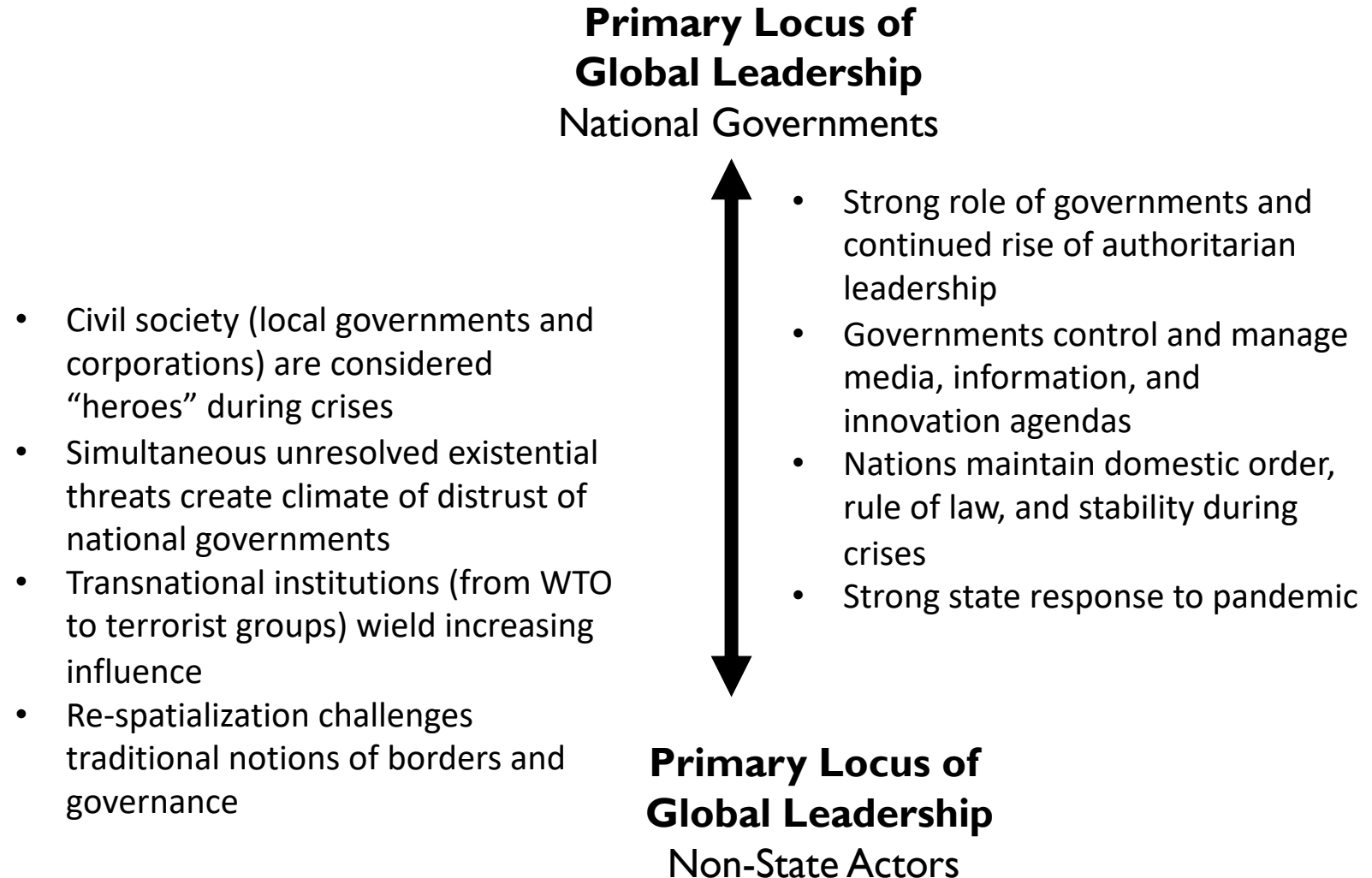
**Approach to  
Global Risks**  
Collaborative

- Problems addressed without global and comprehensive coordination and cohesion
- Nationalistic innovation agendas generate highly local and regional solutions
- “Splinternet,” drives fragmented and information and trade flows among aligned actors

- Democratization of global problem solving through collaboration
- Widespread sharing of information, technology, and innovative models across geographies
- Effective international frameworks, bodies, and organizations

# Are power and influence concentrated centrally or distributed?

Axis 2



## A 2x2 matrix

*A volatile geo-strategic environment prompts a general sense of instability and fears of war as different forms of nationalism proliferate, especially in US and China...with divergent approaches among different groups of nations, even within the same geographic region*

*Governments constructively collaborate to provide cohesive solutions through mechanisms like treaties and trade pacts...with risks of calcification and business-as-usual*

**Approach to  
Global Risks**  
Fragmented

**Approach to  
Global Risk**  
Collaborative

**Working  
Group C**

**Working  
Group A**

**Working  
Group D**

**Working  
Group B**

**Primary Locus of  
Global Leadership**  
National Governments

**Primary Locus of  
Global Leadership**  
Non-State Actors

*Nation states fail to address sustained global challenges, bringing about massive disruption... with a patchwork of solutions offered by alternative actors*

*Local governments, businesses and inter-governmental bodies lead the way to a coordinated set of value systems and solutions...with risks of nefarious actors gaining influence*



# Drivers to Consider for All Scenarios

In your scenario....

- What role does technology and innovation play in addressing the risks of climate, nuclear, and pandemics?
- How does spatial distancing (social distancing between individuals and their bubbles/pods, border closures, shortened supply chains, etc.) and other changes due to pandemics persist?
- What is the role of cities, local governments, and civil society?
- How might geo-strategic dynamics evolve, particularly in Northeast Asia?
- How do military strategies evolve in nuclear and non-nuclear countries?



# Working Group Session: Scenario Development

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90 minutes

- Become a creator and advocate for your scenario
- Consider all of the uncertainties and the 5 Considerations.... Then, identify the 5 biggest drivers of your scenario  
A driver is a CRITICAL OUTCOME of an UNCERTAINTY that is CONSISTENT with your scenario. (i.e. countries go-it-alone with vaccine deployment)
- Identify the 5 SEMINAL headlines that show how your scenario would occur over the next 10 years
- Select a scenario name
- Provide a 1-2 sentence description of your scenario endstate in 2030

# Working Group Session: Scenario Development

## Team A

Task 3: Identify the 5 biggest drivers of the scenario

### Example Drivers:

- Japan, China, and South Korea all have independent vaccine solutions
- Global economic trade continues to increase, with globalization patterns looking similar to pre-coronavirus

Driver #1

Driver #2

Driver #3

Driver #4

Driver #5

# Working Group Session: Scenario Development

**Team A**

Task 4: Identify the top 5 headlines, 2021–2030


<p style="text-align: center;">– Example Express – 2021–2022</p> <p style="text-align: center;"><b>New Strategic Arms Reduction Treaty Extended Five Years</b></p> <p>The U.S. extended New START for five years after cancelling a Northrop Grumman Ground Based Strategic Deterrent award.</p> <p>More News    More News    More News</p> <p>When in the course of human events, it becomes necessary to develop several scenarios to figure out the future, RECH and friends step in and fill the gap in leadership thinking at this scenario process online event.</p>	<p style="text-align: center;">– Team A Times – 2021–2022</p> <p style="text-align: center;"><b>Headline of the Year, 2021–2022: Key Development During These Two Years</b></p> <p>A couple of sentences of explanatory text to go with the above headline may be added here. Here is where to add a couple of sentences of explanatory text. Write a little bit about the above headline in this area, to flesh out the meaning and import of the headline.</p> <p>More News    More News    More News</p> <p>When in the course of human events, it becomes necessary to develop several scenarios to figure out the future, RECH and friends step in and fill the gap in leadership thinking at this scenario process online event.</p>	<p style="text-align: center;">– Team A Times – 2023–2024</p> <p style="text-align: center;"><b>Headline of the Year, 2023–2024: Key Development During These Two Years</b></p> <p>A couple of sentences of explanatory text to go with the above headline may be added here. Here is where to add a couple of sentences of explanatory text. Write a little bit about the above headline in this area, to flesh out the meaning and import of the headline.</p> <p>More News    More News    More News</p> <p>When in the course of human events, it becomes necessary to develop several scenarios to figure out the future, RECH and friends step in and fill the gap in leadership thinking at this scenario process online event.</p>
<p style="text-align: center;">– Team A Times – 2025–2026</p> <p style="text-align: center;"><b>Headline of the Year, 2025–2026: Key Development During These Two Years</b></p> <p>A couple of sentences of explanatory text to go with the above headline may be added here. Here is where to add a couple of sentences of explanatory text. Write a little bit about the above headline in this area, to flesh out the meaning and import of the headline.</p> <p>More News    More News    More News</p> <p>When in the course of human events, it becomes necessary to develop several scenarios to figure out the future, RECH and friends step in and fill the gap in leadership thinking at this scenario process online event.</p>	<p style="text-align: center;">– Team A Times – 2027–2028</p> <p style="text-align: center;"><b>Headline of the Year, 2027–2028: Key Development During These Two Years</b></p> <p>A couple of sentences of explanatory text to go with the above headline may be added here. Here is where to add a couple of sentences of explanatory text. Write a little bit about the above headline in this area, to flesh out the meaning and import of the headline.</p> <p>More News    More News    More News</p> <p>When in the course of human events, it becomes necessary to develop several scenarios to figure out the future, RECH and friends step in and fill the gap in leadership thinking at this scenario process online event.</p>	<p style="text-align: center;">– Team A Times – 2029–2030</p> <p style="text-align: center;"><b>Headline of the Year, 2029–2030: Key Development During These Two Years</b></p> <p>A couple of sentences of explanatory text to go with the above headline may be added here. Here is where to add a couple of sentences of explanatory text. Write a little bit about the above headline in this area, to flesh out the meaning and import of the headline.</p> <p>More News    More News    More News</p> <p>When in the course of human events, it becomes necessary to develop several scenarios to figure out the future, RECH and friends step in and fill the gap in leadership thinking at this scenario process online event.</p>

# Working Group Session: Scenario Development

**Team A**

Task 5: Name the Scenario and Describe It in Year 2030

Primary Locus of Global Influence:  
**NATIONAL GOVERNMENTS**



Working Group A  
Name of Scenario

Approach to Global Risks:  
**COLLABORATIVE**

One- or two-sentence description of this scenario  
as it looks in the year 2030

# Working Group Session: Presentation Development



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45 minutes (including break)

- Finalize your templates and prepare your presentation
- Identify the top 3-4 challenges and opportunities this scenario would create for nuclear risk reduction if it were to come about

# Working Group Session: Presentation Development

<b>Team A</b>	
Task 6: What challenges and opportunities does this scenario pose for those wanting to reduce the risk of nuclear war in the region?	
<b>3 biggest challenges</b>	<b>3 biggest opportunities</b>
<i>Example: Gaining alignment on nuclear treaties given rising conflict between Asian nations</i>	<i>Example: Leveraging AI and encryption technology to launch a global, shared, warning/communications/resolution system</i>
Challenges	Opportunities



Wrap Up

## ***In the Chat....***

One thing I've learned from this workshop...



The Zoom Chat is  
Open...

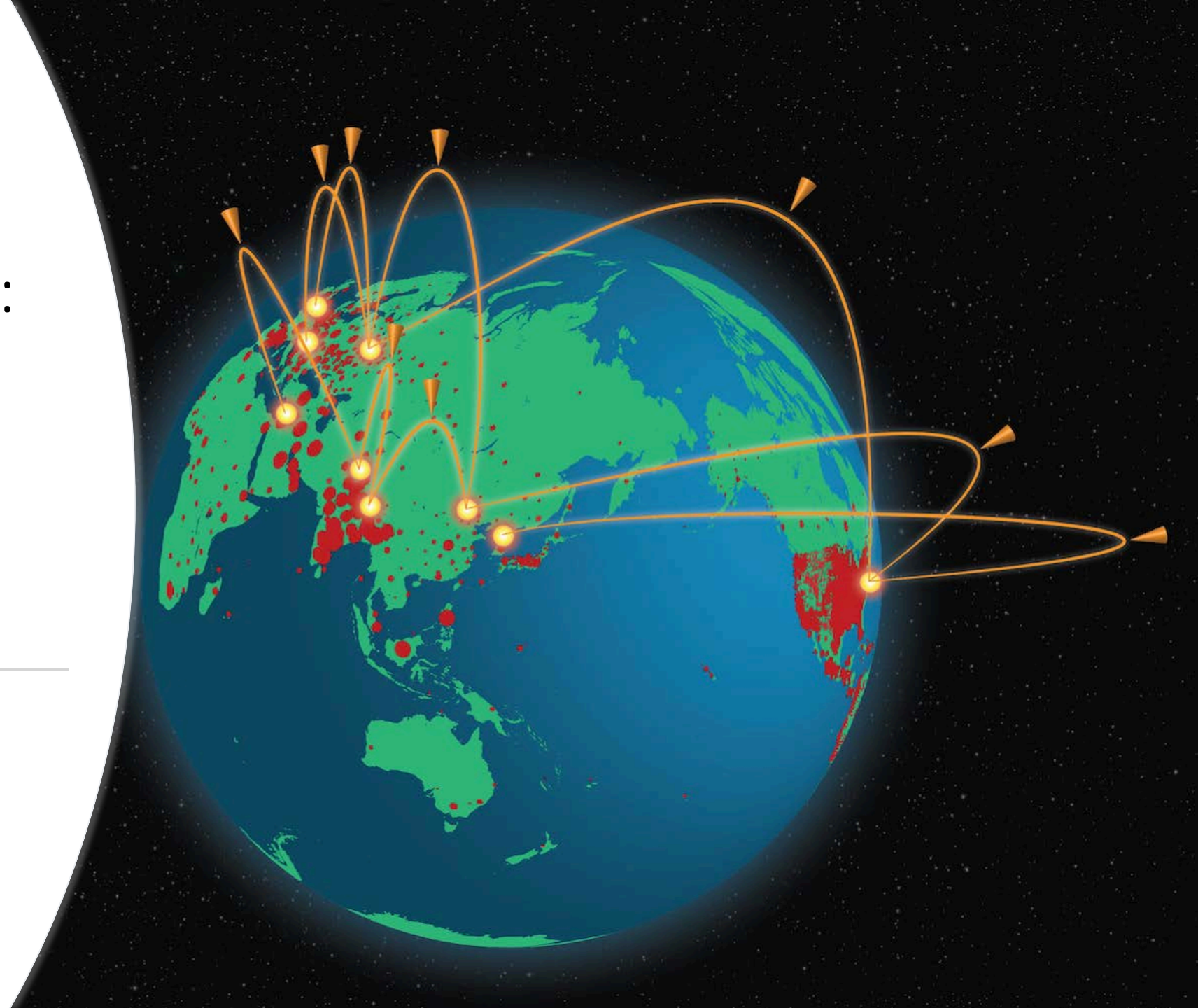


# Day 2

# Scenario Planning : Nuclear Risk Reduction and Disarmament in Northeast Asia

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Guiding Presentation  
Week 2  
Day 2




Target for  
today...

**Identify no-regrets moves and  
scenario-specific strategies for  
reducing nuclear risk in North East  
Asia**

# Today's Agenda

November 14 JT  
November 13 PT



9:30am 4:30pm	●	<b>Plenary: Welcome Back, Framing, Agenda Overview</b>
9:45am 4:45pm	●	<b>Working Group Session: Risks and Solutions</b>
11:00am 6:00pm	●	<b>Plenary: Presentations Group Session</b>
11:45am 6:45pm	●	<b>Working Group Session: Brainstorm Promising Strategies</b>
12:20pm 7:20pm	●	<b>Plenary Report Out</b>
12:45pm 7:45pm	●	<b>Closing Remarks</b>
1:00pm 8:00pm	●	<b>Conclude</b>



A Few  
Reflections and  
Reminders

**TO COME BASED ON WHAT HAPPENS DAY 1**

# Working Group Session: Risks and Solutions



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60 minutes

- For Your Scenario
- Identify the most significant risks of a nuclear event
- What are the levers to reduce these risks (with an emphasis on new ideas)
- If you knew this scenario were going to come about, what actions could be taken by which stakeholders to reduce risks?



# Working Group Session: Risks and Solutions

<b>Most Significant Risks</b> <i>Example:</i> <i>False warning leading to an attack</i>	<b>Levers to Reduce These Risks</b> <i>Example:</i> <i>Resilient hotlines</i>
Risk	Lever
Risk	Lever
Risk	Lever
Risk	Lever
Risk	Lever

# Working Group Session: Risks and Solutions

<b>Actions To Be Taken</b> <i>Example: Create early warning systems and communications</i>	<b>Stakeholders to Take Action</b> <i>Example: Nuclear-armed states</i>
Action	Stakeholder
Action	Stakeholder
Action	Stakeholder
Action	Stakeholder
Action	Stakeholder

# Working Group Session: Strategies




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35 minutes

- What are the most promising measures to consider?
  - No- Regrets Moves
  - Scenario Specific Moves
- What are the most important findings from the workshop

# Working Group Session: Preliminary Recommendations

Team <u>A</u>		
Task 8: Most promising measures; most important findings		
Most Promising Measures To Consider Now		Most Important Findings from This Workshop
"No-Regrets" Measures <i>(Applicable in any scenario)</i>	Scenario-Specific Measures <i>(Applicable in 1, 2, or 3 scenarios)</i>	
Measures	Measures	Findings



Closing  
Thoughts

**TK**

# Closing Question

**My biggest take-away is...**

The Zoom Chat is  
Open...

