

Methane Moment: High Level Governance

What This Decks Contains

- This is the second of seven high level overviews of the proposals:
 - [Chemistry, Toxicology, Environmental Effects and Dispersal](#)
 - [Governance](#)
 - [Operational Data and Security](#)
 - [Costs Overview](#)
 - [Methane Moment & Politics](#)
 - [Program/Project Plan](#)
 - [Background Story](#)
- This one contains:
 - A 100,000 foot level overview of the governance structure allowing each country to still be in control but integrated into an arctic governance framework

Methane Moment Pitch Package

This deck is part of a Methane Moment package:

- [Website](#)
- [Methane Moment Pitch deck](#)
- **High Level Summary Decks:**
 - [Chemistry, Toxicology, Environmental Effects & Dispersal](#)
 - [Governance](#)
 - [Operational Data & Security](#)
 - [Cost Overview](#)
 - [Methane Moment & Politics](#)
 - [Program/Project Plan](#)
 - [Background Story](#)
- [Reference Document](#)
- [Methane Moment Cost Estimates](#)

Arctic Climate Control Governance Challenges

- Methane bursts, winds, etc. quickly move across jurisdiction boundaries
- Thus it requires an intra-government management solution framework to treat them
- **Yet, how can each jurisdiction still keep control while participating with other countries to reduce methane and cool critical ice masses?**

Answer - At the 100,000 Foot Level

- **Create an arctic intergovernmental working group**
 - **Arctic Nations Climate Response Group (ANCRG)** composed of the following arctic countries
 - Canada
 - Denmark
 - Finland
 - Iceland
 - Norway
 - Sweden
 - United States
- **Which creates and funds, within each jurisdiction, control centers to manage, in real time, arctic events like methane bursts and melting ice**
 - **Methane Arctic Control Operations Center (MACOC)**

Early Warning Systems & Governance

- Leverage satellite systems to detect, in real time, methane bursts and continually monitor critical ice melts
- This data flows into a shared common back-end data system between all the MACOCs
- Artificial Intelligence (AI) then analyzes the data, takes into account local weather conditions, location of nearest treatment devices, etc.
- It then recommends a plan to the MACOCs

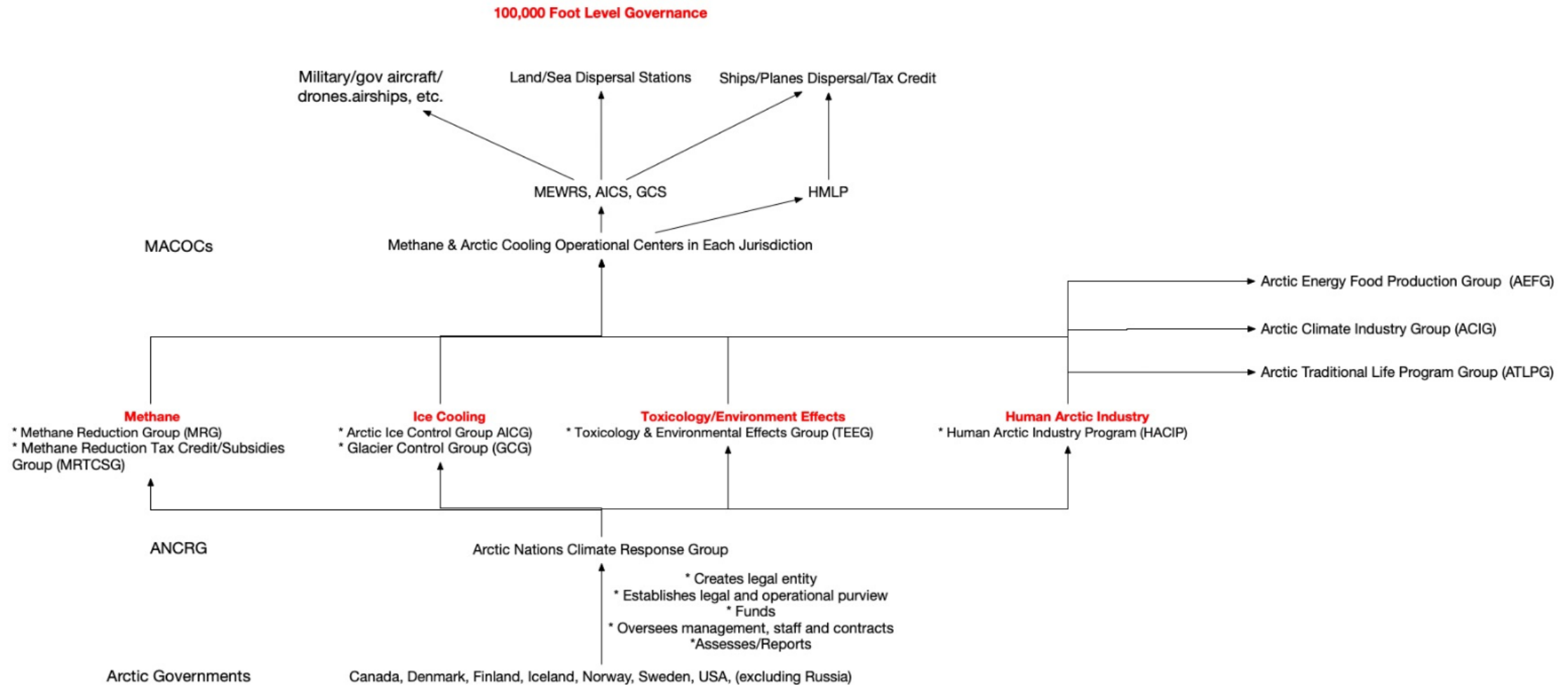
Response and Governance

- The MACOC managers then approve the plan
- This might involve only one jurisdiction doing climate modification activities or, it might involve a coordinated plan amongst many jurisdictions
- This “magic” involves coordinating, across different jurisdictions, dispersal mechanisms including:
 - Jets
 - Drones
 - Airships
 - Ships with drones
 - Land based stations
 - Etc.

Governing the Complexity – Focused Subgroups

- Underneath the **Arctic Nations Climate Response Group (ANCRG)** are several sub-groups, each tightly focused on one aspect of arctic climate response:
 - **Methane:**
 - Methane Reduction Group (MRG)
 - Methane Reduction Tax Credit/Subsidies Group (MRTCSG)
 - **Ice Control:**
 - Arctic Ice Control Group (AICG)
 - Glacier Cooling Group
 - **Human Arctic Industry Program:**
 - Human Arctic Climate Industry Program Group HACIPG
 - **Toxicology**
 - Toxicology and Environmental Effects Group

Each Country Is Still In Control But Tightly Coordinates Across All Jurisdictions



Halving Methane Levels - Governance

- Requires out of the box thinking to quickly get this done
- Which is why the proposal leverages private industry, who owns planes, drones, airships, and ships, to do this via tax credits and subsidies
- Thus it requires coordination within each jurisdiction and their respective tax bodies, as well as with the MACOC's doing the methane dispersal/monitoring via satellites
- **So, at the 100,000 foot level, all the arctic nations participate in Methane Reduction Tax Credit/Subsidies Group (MRTCSG) to oversee and coordinate their plans**
- **This group will be expanded to include many other different jurisdictions**

Human Arctic Industry Program is Different – Why?

- It begins by leveraging data from the MACOCs in arctic citizen education and training programs
- It also involves arctic citizens in learning to manage their own climate
- BUT it diverges from the other programs by creating new arctic industries including:
 - Climate modification/control companies
 - Molten salt reactors
 - Indoor food production leveraging AI and bots
- **It also has a program Arctic Traditional Life Program which seeks to maintain traditional ways of life**

Thus, There's Different Sub-Groups

- **Arctic Energy Food Production Group (AEFG)**
 - Which addresses arctic energy and food production
- **Arctic Climate Industry Group (ACIG)**
 - Which addresses arctic climate industry programs
- **Arctic Traditional Life Program Group (ATLPG)**
 - Which addresses ways to maintain traditional ways of life

It's Out of the Box Thinking For Out of the Box Times

- Arctic warming is rapidly creating uncharted times with potential negative costs in the trillions of dollars
- To create a sustainable vision composed of methane burst management, ice cooling and creation of new industry requires out of the box thinking
- It all comes down to having a new type of governance structure allowing each arctic nation to still be in control, but tightly coordinate arctic climate management across jurisdictions
- That's what this governance structure delivers

Appendix - Contacts

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