

**Methane Moment:
High Level Methane Moment &
Politics**

What This Decks Contains

- This is the fifth 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:
 - High-level discussion of methane moment & politics

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](#)

Methane Moment & the Proposals

- The point of the proposals is to begin restoring the climate back towards pre-industrial atmospheric levels. It does this by leveraging:
 - TOA-EDARA to reduce methane thus negating the bad climate warming effects of methane
 - TOA to create clouds and crushed white marble to reflect sunlight, thus negating the increasing warming effects of the temperatures on ice
 - All of which is good
- **Yet, there's a big BUT, that comes along with use of the above...it modifies the weather pattern - How?**

Clouds

- TOA-EDARA and TOA create clouds
- The clouds can last for up to 3 days to weeks
- The clouds move by wind across the planet, crossing over international borders
- **Thus, what one jurisdiction does to reduce methane and protect their ice, directly affects other countries which are “downwind” of the dispersal**

Requires AI Modeling

- So, before beginning large scale roll-outs of the proposals, extensive computer modeling must occur
- That's why the proposals call out for use of Artificial Intelligence with weather data, within the MACOC operation centers, as part of the architecture
- **Yet, there's problems the modeling will likely show - Like what?**

Economic Costs

- Altering the weather in one jurisdiction can cause both economic problems and opportunities in another jurisdiction located “down-wind”
- Thus, the AI modeling must not only show the weather impacts across jurisdictions BUT IT MUST ALSO MODEL ECONOMIC CONSEQUENCES, BOTH GOOD AND BAD, ACROSS JURISDICTIONS
- **Yet, there’s potentially an even bigger problem that’s created by this...**

Politics

- Changing weather patterns both within a jurisdiction and between jurisdictions will likely create political consequences
- **So, rather than leap into doing climate restoration work, countries and their political leadership must go into this with their eyes wide open**
- **Which is why the proposals call out for the following...**

Pan-Arctic Governance Framework

- [As per the 100,000 foot governance deck](#), the proposals call out for creation of the ANCRG (Arctic Nations Climate Response Group)
- This is the first small baby step towards working closely together re climate restoration work
- Participating governments all share the same back-end databases leveraging AI (artificial intelligence) modeling
- What the modeling must also do is to begin to lay out the potentially positive and negative economic influences of climate restoration as laid out in the proposals
- **Which leads to the next point...**

Manage The Politics Early On

- **Don't** immediately go out to the public telling them what a wonderful thing the Methane Moment program is
- Instead manage the politics by first understanding the potential political consequences of their actions before embarking on wide-scale embracing of these proposals
- Thus, the proposal recommends quietly doing rapid R&D, POC's (proof of concepts) and small controlled pilots **IN PARALLEL WITH EXTENSIVE COMPUTER MODELING LEVERAGING AI, WEATHER & ECONOMIC DATA**

Prove it Out, Understand the Consequences

- The first two asks of the pitch deck relate to immediate government funding and actions steps to prove out the end-to-end system
- This gives governments confidence it all works as advertised and is toxicologically safe
- Understand the potential economic impacts from the actions via sophisticated computer modeling
- Determine in advance mitigation strategies addressing possible negative economic effects
- Prepare a public relations campaign
- **And then leverage...**

Methane Burst Data...

- The new MEWRS (Methane Early Warning System) MACOC (Methane Arctic Cooling Operational Center) prototype system can now monitor, in real time, arctic methane bursts
- When they're detected and determined significant is the time for your government to swing into political action
- Now you have a suite to tools, which are technically proven, are toxicologically safe, scalable and can be rapidly brought to bear
- **You can now...**

Roll Out The PR Campaign...

- It will show how the massive amounts of methane being released will cause significant rise in earth's temperatures
- You'll announce the new methane reduction aerosol technique with accompanying data about how its toxicologically safe
- All of a sudden, traditional political resistance will diminish since there isn't other better "Plan B's" lying around which address methane bursts
- **Yet, how can you sell this program to your bureaucracy?**

By Leveraging This Program/Project Plan...

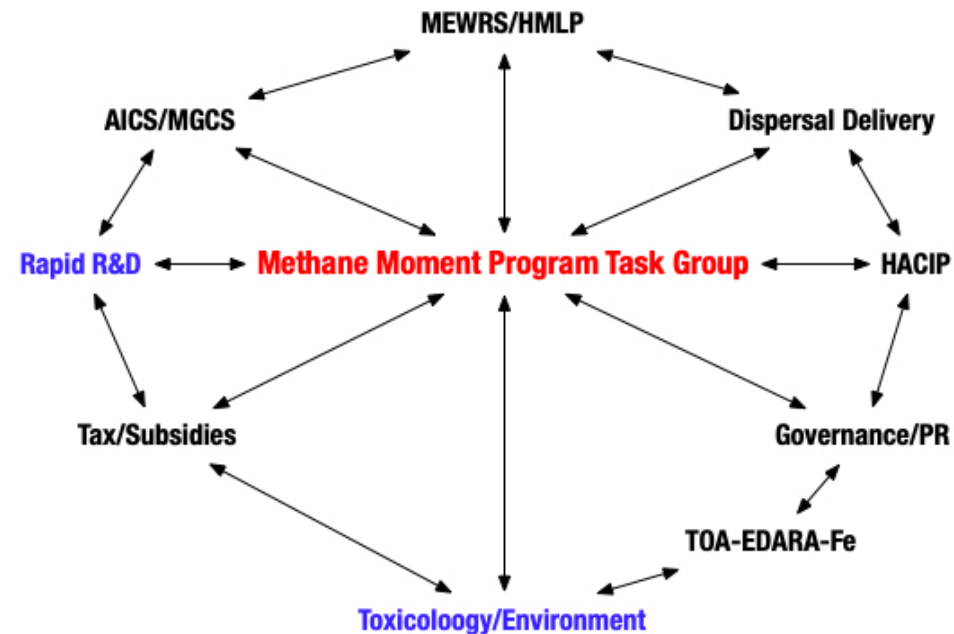
- [The Program/Project Management high level deck](#), discusses creating a program/project management structure
- It starts with creating a “Methane Moment Program Task Group” which reports to the ANCRG



- **Which in turn...**

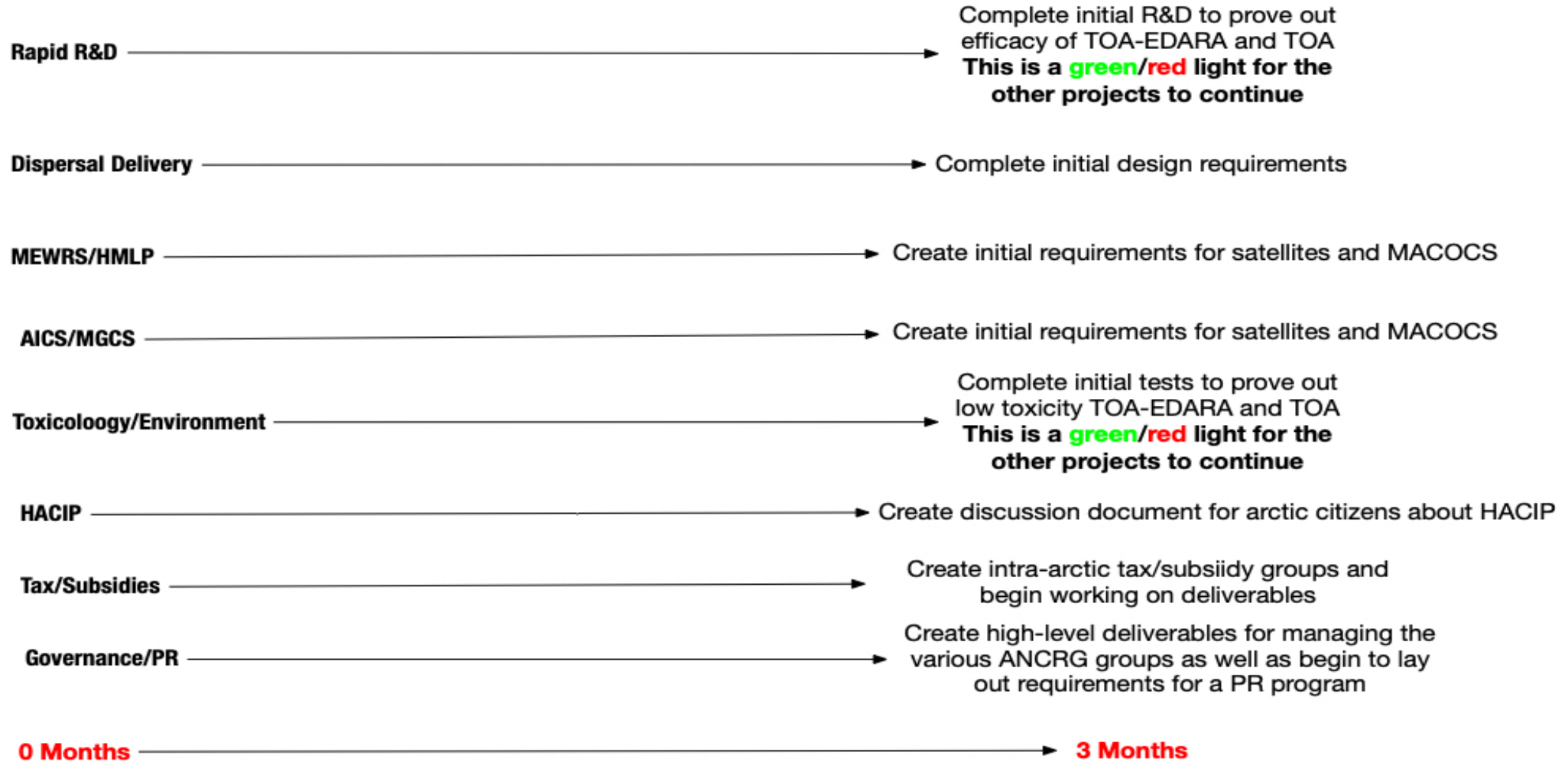
Manages These Parallel Projects...

- See the appendix section for a description of each project
- Politically, the most important ones are highlighted in **Blue**



- **Which comes with a...**

Political Go/No-Go Gate At 3 Months...



It Gives You Tools To “Sell It” Within Your Bureaucracies...

- The significant effort they’ll begin to make comes with a bail-out gate if it’s not going to work as advertised or doesn’t provide the expected low toxicity results
- **Thus your government can take an innovative yet prudent approach to managing rapid change**

Politically Forewarned is Forearmed

- The proposals are all about out of the box innovation coupled with prudence
- The proposals advise governments to do your homework quietly
- Be prepared to rapidly implement them when the political timing is right
- **If you don't arm yourselves...**

When Crises Hit, Ideas Lying Around Are Used

- "Way out there ideas" like these will raise their head and possibly be used:
 - **Space bubbles** - <https://senseable.mit.edu/space-bubbles/>
 - **Inserting sulfur into the stratosphere**- <https://senseable.mit.edu/space-bubbles/>
- All of which have whopper sized risks, are untested and possibly could cause global wars
- **Therefore your government needs to...**

Expand Your Climate Change Toolkit

- As the climate rapidly warms, your government needs new tools to bring to bear to mitigate climate warming
- Methane Moment offers a series of parallel programs that are easily proven and rapidly scalable to mitigate some of the effects of climate warming
- It can also, hypothetically, lower temperature by 0.2 C
- **Here's the bottom line...**

Avoid A \$8-60 Trillion Dollar Bill

- That's what occurs if you don't address rapidly growing methane bursts and exponential increases in atmospheric methane levels¹
- The Methane Moment program addresses this
- **Manage arctic warming politically and economically, rather than it managing you**

1:

- "Economic impacts of carbon dioxide and methane released from thawing permafrost"
- Vast costs of methane released by melting permafrost will have global impacts that must be better modeled?"

Appendix - High Level Project Descriptions

- **Rapid R&D**
 - Prove out TOA-EDARA, TOA & crushed white marble work out as advertised
- **MEWRS/HMLP**
 - POC, pilot and roll into production MEWRS and HMLP
- **AICS/MGCS**
 - POC, pilot and roll into production AICS and MGCS
- **Toxicology/Environment**
 - Prove low toxicity and environment affects from TOA-EDARA, TOA & crushed white marble and recommend mitigation strategies if there are any
- **Dispersal Delivery**
 - Rapidly develop suite of cost-effective dispersal delivery mechanisms
- **HACIP**
 - Oversee development/implementation of HACIP
- **Governance/PR**
 - Oversee governance development of sub-ANCRG groups as well as oversee political communication and public relations
- **Tax/Subsidies**
 - Develop tax/subsidy programs for HMLP

Appendix - Contacts

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