

**Methane Moment:  
High Level Program/Project Plan**

# What This Decks Contains

- This is the sixth 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 overview of the program and several project plans

# 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](#)

# Introduction

- Many traditional “programs” and “projects” begin as small proof of concepts, which leads to subsequent steps in projects
- They’re frequently managed by what’s called a traditional “waterfall” project method i.e., a project deliverable is met, which in turn leads to the next deliverable and so-on
- This type of project management method works well when there is lots of time to sequentially work through a project
- **HOWEVER, THIS PROGRAM AND PROJECTS ARE DIFFERENT...**

# TIME IS OF THE ESSENCE

- The Arctic is melting very fast, creating many very costly problems
- Thus, by next summer arctic governments need to move very quickly to implement the solution framework the pitch deck and supporting material propose
- **As if this isn't enough to deal with...**

# Innovation's Required Re Dispersal Delivery System

- **One of the asks in the pitch deck calls out for rapid innovation to produce a suite of different types of dispersal delivery vehicles**
- Its goal is to give governments a suite of cost-effective dispersal delivery vehicles, which their AI/management systems can bring to bear, addressing methane bursts, rapidly melting ice, etc.
- This not only requires rapid funding, but also rapid design iterations leading to prototyping
- From this, bad ideas are quickly dropped, good ones survive and are quickly spun up into pilots, and then production
- **Yet, there's even more complexity with this program....**

# Governance and Politics

- Other high level decks discuss the complex governance and politics involved
- So, while not only addressing the challenges outlined, the program must rapidly get in place governance structures, as well as
- Addressing politics which will inevitably arise
- **Add it all up and it...**

# Requires Agile Program & Project Management

- Agile is a methodology where projects are managed in short iterations, with fast feedback loops
- It promotes project speed and adaptability
- Yet, adopting this on its own won't solve everything
- **Why?**

# Cross-Projects/Teams Communication & Feedback

- One of the problems in managing large, complex programs, with several or more parallel projects, is lack of communication between the projects and team members
- It can easily result in widgets or services being built which don't work well because of other projects developments with fast changing conditions
- **Thus, it requires excellent intra-project communication not only between the different projects but also within the teams**

# Team Communication Tools...

- Down in the project management “weeds” trying to keep everyone within a project and between projects is very challenging
- Thus, the teams use rapid communication tools like Slack, etc. to ensure rapid communication and sharing of team documents
- **Without paying attention to details like this, many programs and projects flounder as they start up**

# All Of Which is Born In Mind For This Program...

- Thus, this program contains several parallel projects
- **Each one is built on an agile methodology**
- Each one is part of a flat communication structure not only within each project, but across the multiple projects
- **Further, each project has members of the other projects as part of their team**
- Their job is to ensure the other teams are constantly aware of what's happening within their project
- **This way, when something good, bad or otherwise occurs within a project, it's immediately communicated out to the other projects and vice-versa**

# Methane Moment Program

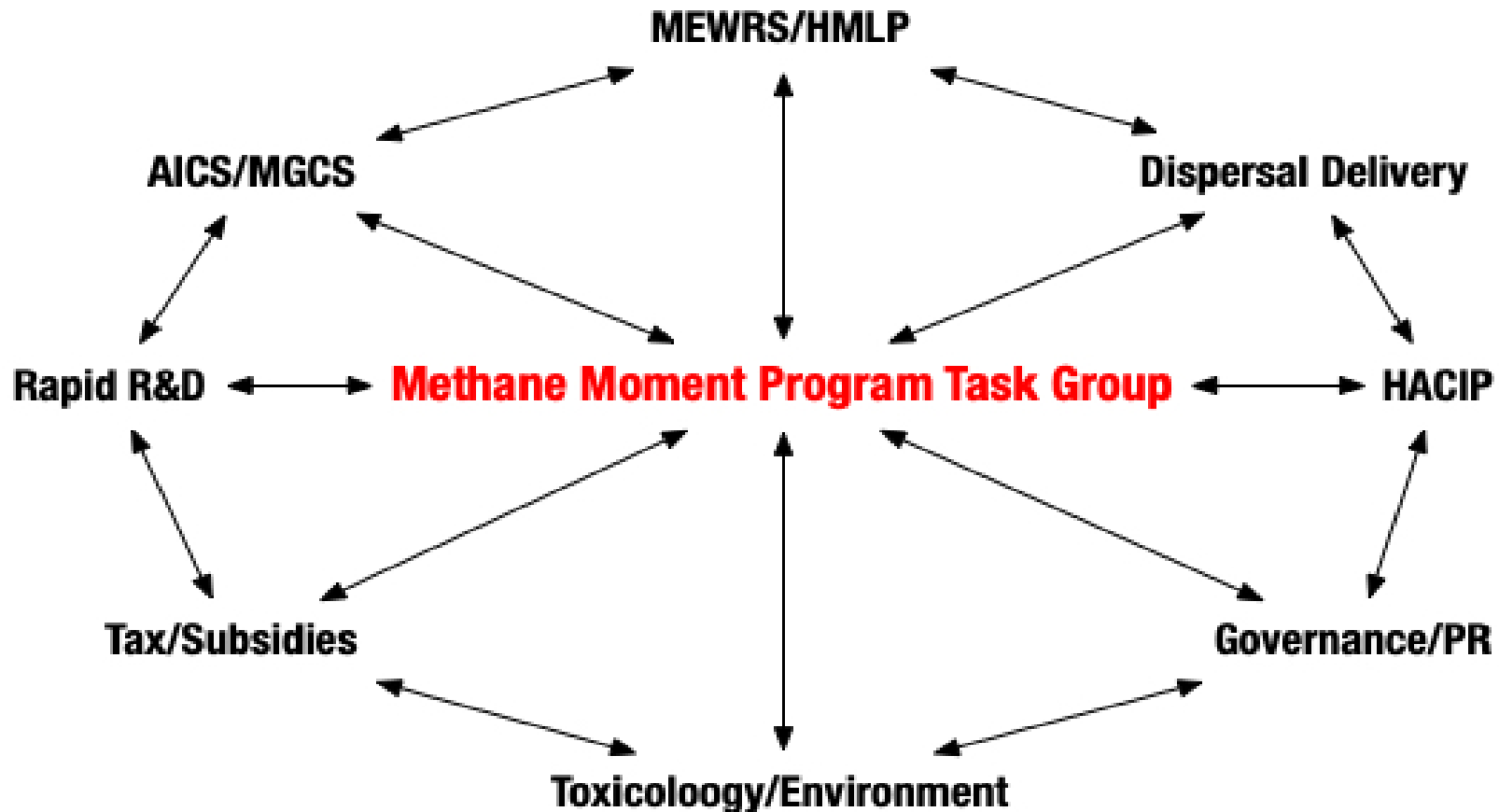
- **So, given all the above, let's dive into the Methane Moment program**
- We'll examine the major suggested projects
- We'll also examine short term goals/deliverables to get it all up and going

# Methane Moment Program Management

- It's suggested that the methane moment program fall under ANCRG (Arctic Nations Climate Response Group)
- This group will have very senior representatives from each government member with a direct communication “pipeline” to the leaders of each government
- **Under this group will be ANCRG “Methane Moment” management group responsible for carrying out the methane moment program and project management**



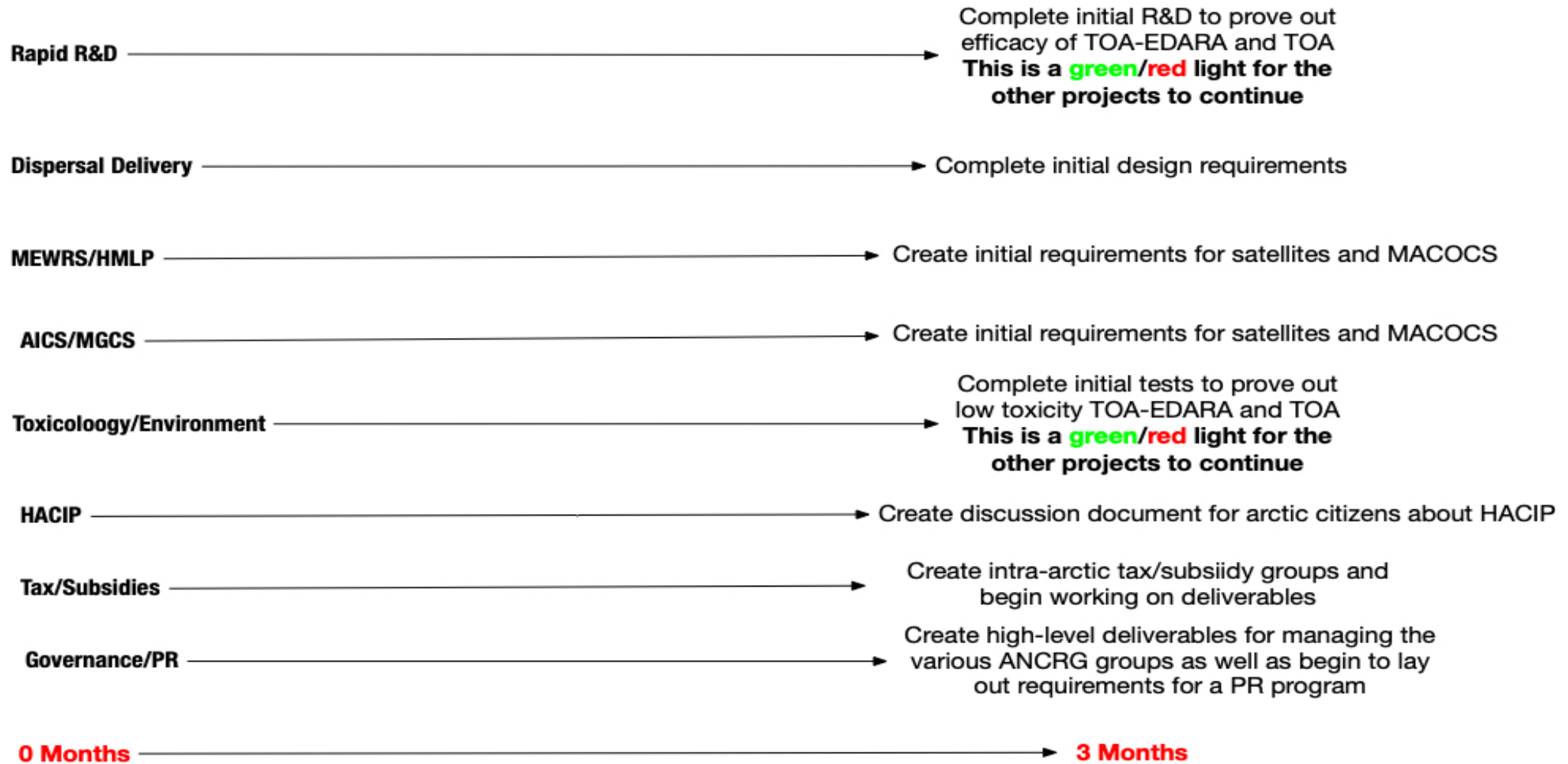
# Methane Moment Parallel Projects



# 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

# 3 Month Time View of Deliverables for Projects



# Then the Projects Move To Next Deliverables...

- [As per the reference document](#) for MEWRS, HMLP, AICS, MGCS and HACIP there are several or many deliverables
- One of which is determining funding requirements for the year and over five years
- Based on the initial results of dispersal delivery R&D and prototyping, it will affect the types of POC's (proof of concepts) and pilots conducted next summer

# Rapidly Fund, Innovate, Learn & Adapt

- All the above must ensure that the project teams, with members from different countries, rapidly innovate, learn and adapt
- All of this not only requires agile program and project management, but also rapid funding
- A challenge with large agile programs is “run-away spending”
  - It can be hard to keep track of money spending
- Thus, the program and projects require excellent cost-control mechanisms as well as cost control people being part of each team
  - **Their job is to not only manage costs within their project but also “keep an eye out” for cost implications from other projects**

# Summary

- This program is very innovative i.e., mistakes will be made as the teams learn what works, what doesn't work, etc.
- By having a very strong teams in program and projects management, their job is to quickly recognize mistakes and rapidly change course if required
- **The program management team will need to be in very close contact with the ANCRG program task group and senior leaders**

# Appendix - Contacts

- Guy Huntington
  - President, Huntington Ventures Ltd.
  - [guy@hvl.net](mailto:guy@hvl.net)
  - 1-780-289-2776
  - <https://ca.linkedin.com/in/ghuntington>
- Herman Gyr
  - Principal, The Enterprise Development Group, Inc.
  - [gyr@enteprisedevelop.com](mailto:gyr@enteprisedevelop.com)
  - 1-650-464-6419