

## **Four Critical Global Problems that require Solutions for Survival of the Species**

Dr. Martin Dudziak, 13.Nov.2020

These solutions must be addressed and together in a synchronous and logical way and with a concerted, focused, defined and consistent effort. This requires an International Consortium that overcomes national, political and other barriers and constraints, and it requires a very special, unique and qualified team to coordinate and bring together the people, organizations, and answers.

These four problems must be addressed and they logically fit together in terms of both STEM solutions, socioeconomic implementation, capital management, and program management.

We are that special team, comprising TETRAD Institute and Intelligence Renaissance Industries.

This is how we propose to create these Solutions.

The Four Critical Global Problems are:

- [1] Public health and the management of epidemic and pandemic diseases beginning with COVID-19 and including subsequent health threats from other diseases.
- [2] Non-specific and catastrophic-potential asteroid collision threats including upcoming near-definites
- [3] Energy sufficiency and adequacy, particularly in the context of global climate change and warming
- [4] Psychosocial and economic stability in an environment of widespread uncertainties and non-linear changes that severely impact individuals, families, communities and nations

If we do not address all of these, we run the very strong risk of having human civilization annihilated and destroyed through a combination of natural and self-generated destructiveness.

[1]

First, we address the present burning urgent problem of COVID-19, and this provides the foundations and tools for addressing other, future, non-COVID biothreats, as well as providing certain important STEM and socioeconomic foundations for the other three major critical problems.

We do this beginning with working in a Critical Leadership capacity (described in more detail in other documents prepared by our CFO and COO) with:

[a] Governor Andrew Cuomo and the leadership of New York State and other partners in the Greater NYC and Northeastern USA region

[b] The leadership of the National Football League and their member teams

[c] Roman Abramovich and the leadership of principal teams within the Premier League and other leagues within European football

[d] Bayer Corporation in Germany and USA

This work enables the beginnings of solid and sustained international collaboration of a totally different sort than what we have ever seen before.

This work is focused upon VESID which grows out of TBD (Topological Biomolecular Dynamics).

It also includes BioProtection of facilities and physical artifacts and environments (BioProt), plus mobile, rapid-response diagnostic testing and treatment management (MedAtrium), plus intelligent acquisition and distribution/management of relevant information (Eyrie).

The consortium will include identified persons and institutions in several locations and countries, including: USA, UK, EU, RU, Israel, UAE, China, South Korea, Japan (and with no exclusion of others not listed herein).

This will all be coordinated and facilitated through TETRAD Institute (TI) and Intelligence Renaissance Industries (IRI), working with the aforementioned key leaderships and others in different countries.

From VESID, we expand in other appropriate areas of life science research and solution development, and also we expand the work in the other key critical program areas, as follows:

[2]

ASTRIC as a program to address the space threats to Earth.

[3]

Teranod as a program to address the energy needs of Earth.

[4]

OASIS as a program to address the psychosocial needs of Earth.

We have our key teams ready and we will coordinate from bases that will be appropriately in:

USA (New York (e.g., Albany or NYC))

UK (London)

Germany (Leverkusen (Bayer hdqtrs) or TBD)

Russia (Moscow or St. Petersburg)

We emphasize the inclusion and special relationship-building for Israel and UAE.

China will be included appropriately.

The costs for all of this will be minimal(!!!) compared to what has been wasted and spent inappropriately, by mistake, wrongly, in a rush, and otherwise not effectively, just on COVID-19 alone.

We will actually Reduce the Costs being spent on all of these problem areas, and from the \$\$\$ that can be saved, including in restored economic stability and even growth, from our proper and sensible solutions for COVID-19 alone, there will be more than enough capital for all three of the other programs listed here! R-e-a-l-l-y.

What is the core, kernel, magic in Our Solutions?

It is all about Proper Control. What is formally called “cybernetics”. But our foundations run deep, to the core of physics and biology. This is all rooted in what is termed “Reflexive Topological Dynamics” (RTD) and this pertains to fundamental physics. But it manifests in the life sciences, in elementary biology and in neurobiology.

Control is the often ignored “third derivative”.

Position.

Velocity (rate of change of position).

Acceleration (rate of change of velocity).

Control (rate of change of acceleration).

We have collectively spent massive fortunes addressing COVID-19 without much in the way of intelligent control. That has resulted in massive losses for the economic for all people and institutions.

We are saying – bring us into the driver's seat and we will address the problems of how to manage the forces of the vehicle so that everything is efficient.

It is not “magic” but it may appear that only “magic” will solve things in the present state of disarray and confusion. It is, rather, solid, rational logic and science, done in a controlled manner.

What do we want you to do right now?

[a] Initiate things for us to help with the critical problem of public health, namely COVID-19, by bringing MJD and appropriate others to NY, to UK, to other sites, and getting the New COVID Program underway.

[b] Be willing to accept intelligent changes that come with clear, refined, and solidly backed up STEM and socioeconomic reasons

[c] Be able to cut through red tape and get things done ASAP once it is a clear decision to go forward with specific actions

[d] Be open-minded and supportive for the Whole Big Picture as outlined above.

The figures on the following pages, from summer of 2020, illustrate some points about TI and IRI and our work.





