

Detailed Analysis of Possible Adverse Consequences of the First Task of PHPR

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## *Introduction*

The completion or non-completion of the First Task of PHPR may result in adverse consequences that could lead to the self-destruction of planetary society or an arms race between nation-states, private industries, or other planetary systems? The following concerns will be address.

### *Mineral Depletion and ITER*

The number one goal of the First Task of PHPR is to mitigate mineral depletion as ITER [International Thermonuclear Experimental Reactor] begins to be mass-produced [1]. Mass-production begins approximately 40 years after ITER goes online [2]. Before then PHPR must be fully implemented, with a window of opportunity to complete the First Task when ITER is on the manufacturing line, and another 60 years to be fully completed.

### *The First Task of PHPR and the Domino Effect*

After those 40 years have transpired global economic growth and environmental recovery begins to slow-down as secular stagnation dictates that continual population growth will necessitate continual stimulation of the economy and the near universal policy of recession-like economic policies. The consequences become even more dire as the ecology, at a planetary scale, begins to deteriorate due to the depletion of mineral resources and increasing population growth that results in the need for the construction of more habitats and the expansion of cities across the globe. Though by then climate change is no longer an immediate threat the need for habitats and the expansion of cities could unleash conflict between nation-states and primitive societies in the form of territorial disputes.

These castigating catastrophic consequences, because of the laws of thermodynamics, is a domino effect that could inevitably result in a rotting and war-torn planet.

## Arms and Interplanetary Conflict

Even then, with the completion of the First Task of PHPR, there is plausibility that an arms race may ensue and that the planetary state may become a threat to an advance extraterrestrial intelligence--though by theoretical estimates 99 percent of all alien intelligence has not achieved technological and scientific advances or have already destroyed themselves due to near-similar historical experiences.

There is a positive chance that an advance alien intelligence will not interfere in the affairs of Earth if and only if we reside in our solar system and not encroach on other planetary systems. Though there is a scenario that a planetary scientific state may, concurrently with an advance alien intelligence, threaten each other with...

To avoid a global arms conflict it's imperative that the 40-year window be use productively and that means that, giving such window of opportunity, hostilities must cease between the major powers and integration of markets in the form of free-trade, and treaties that promote internationalist policies, help to federalized and pacify nation-states that cooperation becomes easier and that the Scientific Age be fully tempered as to keep the planetary system serene and quiet with ITER.

*Economic Sustainability, Climate Change, and Clean-Energy*

ITER, being the major catalyst, that will lead to technological achievement, by completing the First Task, will also take advantage of economic sustainability and other types of technology that inhibits climate change, and etc. But it's with ITER that these avenues are effectively pursued as ITER offers an endless source of clean-energy that will prove instrumental in environmental recovery.

### *Private-Markets and the Scientific Age*

Private markers are to be shut-out of directly participating in the First Task of PHPR. Industries are solely motivated by short-term profits and for that reason to include the direct participation of the corporate system will result in espionage and an arms race between conflicting national interests and private interests [3]. But markets will contribute by providing the needed resources to achieve the First Task of PHPR. Eventually the disclosure of the advances made in PHPR, and the Scientific Age, will lead to acceleration in technological growth and innovation that will not deprive the general public of the wonders of scientific achievement.

## References

[1] Sanchez-Rey, Miguel A. The Physicalist Program. Createspace: 2015.

[2] Sanchez-Rey, Miguel A. PHPR. Vixra.org: 2016.

[3] Sanchez-Rey, Miguel A. PHPR in the Scientific Age. Vixra.org: 2016.