

An Endless Odyssey towards Greener Earth

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This communication would attempt to disseminate an awareness and refined knowledge on the *inconvenient truth* caused by man-made climate change since modernization. Lately, it is realized that an ever-increasing *planetary emergency* emanated from the global warming needs countermeasures to restore the stability of our restless Earth. Thus, reactivation of environmental movement appears inevitable. Excessive fossil fuels burning, radio-nuclides mining and over-exploitation of Earth's resources for human comfort being the major contributors to the greenhouse gases emission and hence global warming need persistent inhibition. Based on extremely optimistic assumptions and very conservative calculations it can be shown that about 10 billion people by 2050 would require minimum 30 terawatts of carbon-footprint free power in order to satisfy their needs and to stabilize Earth's climate. In this endeavour, I would argue that such gigantic amount of carbon-free energy needed to provide mankind with sufficient power while keeping carbon dioxide levels below certain limits will predominantly be driven by renewable energy sources including solar, wind and hydroelectric power. Certainly, this timeless voyage would require the renewed engagement of scientists and engineers for surmounting the future challenges and to unravel the *gauche veracity* created by *Homo sapiens*.