

13th IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE (D4)
Contribution of Space Activities to Solving Global Societal Issues (2)

Author: Mr. Adriano Autino
Space Renaissance International, Italy, adriano.autino@spacerenaissance.it

A GREATER WORLD IS POSSIBLE! EXPANDING CIVILIZATION INTO SPACE IS THE MORAL
ISSUE OF OUR TIME!

Abstract

Stephen Hawking and other philosophers warned about the Earth' capability to sustain 1 billion people only, within this century. Should our 7,5 billion people civilization keep on growing up in the Earth closed environment, the risk of implosion is very high, lacking raw materials, energy, and environmental resources. Therefore expansion into space is not an option, but a moral imperative, to avoid a giant holocaust of six billion people and more. To save the civilization, it is urgent to retake the path of economic and cultural growth: the only strategy to get this goal, creating millions new qualified jobs, is an exo-development strategy, the only way to revert the global crisis. Developing civilian astronautics, starting from space tourism, is essential to relaunch the industrial development, so not to loose the social progress determined by the industrial technological revolution of the last two centuries. Starting the exo-development, humans can help to solve the environmental global problems, such as pollution and antropogenerated climate changes. In the industrial countries human dignity and ethics knew substantial progress, due to technological achievements, mass education and mass employment, that decreased the social fear, gave free time to the people, allowing for the first time a mass aim to the maximum Maslov's levels needs: technology is the main support of morals. The exo-development will relaunch the technological progress, economic and cultural growth at an unprecedented pace, a true Space Renaissance. As a short-term agenda, Space Renaissance International solicits general commitment at all levels, public and private investments, as well as money and in personal effort, to develop the following areas, at least: - sub-orbital tourism, vehicles and infrastructures (spaceports) - fully reusable orbit vehicles - space tourism, orbital hotels, accommodations, workshops, yards - industrialization of the geo-lunar space region - Recovering of the the Earth Orbit space debris - research and mining settlements on the Moon - research and mining settlements on Near Earth Asteroids - space based solar power plants - a new big space station with artificial gravity in a Lagrange Libration Point, using lunar and asteroids raw materials - human exploration of Mars and the Asteroids Belt - friendly policies toward civilian astronautics, industry and commerce, with tax discounts and grants to astronautic enterprises - International Space Investment Funds, to allow savers and investors to invest their money in the opening of the Space Frontier