

021 Space Renaissance International 3rd World Congress

“Civilian Space Development”

Motion on 2021 Space Renaissance Congress Thesis 2 document:



Motion approved unanimously, June 30th 2021 during SRIC3 Session 6 – Voting session

The President moves to vote the Congress Thesis 2 A strategy to develop the Space Renaissance, towards 2025, on the basis of the presented paper¹ and the presentation² given by the author, hereafter summarized:

- The basic concepts from Thesis 1:

- **All of the UN 2030 17 Sustainable Development Goals (SDG) are good goals, perfectly sharable.** The above goals include both civilization risks mitigation and achievement of great opportunities, allowed by the scientific and technological development. However, none of the above earthly solutions to global issues (UN 2030 17 SDGs) can work without civilization expansion into outer space, an 18th SDG, to be added. Civilization expansion into outer space should be considered priority zero, both to mitigate the global civilization risks and to achieve the best opportunities of economic, social and cultural development. Only civilization expansion into outer space (Civilian Space Settlement) can support and make any other strategies sustainable. To be started, **Civilian Space Settlement needs a strategy**, adopted by spacefaring nations.
- **The assessment of the public awareness about civilization risks and opportunities:** 1) the probabilities that the essential first steps toward space settlement will be done before 2030, 2) the basic conditions and strategical needs for Space Settlement, for a sustainable Space Settlement, 3) what the space advocacy movement should do, to accelerate the Space Settlement.
- **The need to refute and oppose the passive strategies against the risks to civilization.** The need to dismantle the anti-human paradigm: evolutionary criteria is no longer physical strength, but intelligence and social intelligence. SRI opposes: “natural” selection, zero-growth and degrowth³, de-industrialization, any reduction of life-standards. SRI supports: development, socialization, love and having children, active vs. passive strategies, e.g. dams to defend coastal cities, use water surplus to claim deserts.
- **The need to promote Civilian Space Development priorities.** Develop a simple and precise narration, to make people understand the very urgency and need to expand Civilization into space. However, we should actively warn about the high risks of remaining closed into the limits of our planet.

¹ <https://drive.google.com/file/d/1jF6qkSjKdNL72TX5dpxdIF1hkN0j8BwL/view?usp=sharing>

² <https://drive.google.com/file/d/1jF6qkSjKdNL72TX5dpxdIF1hkN0j8BwL/view?usp=sharing>

³ Serge Latouche “La décroissance”

- **The Space Renaissance main strategy and programmes for next 5 years**
 - **To demonstrate the expansionist rationale to the public at large** by: a punctual analysis of the space settlement's stakeholders and of their requirements, definition of the best risk mitigation strategies, preliminary to development of global opportunities, design of global strategies and big projects for Space Settlement and Earthly active strategies, derived from the above stakeholders' requirements, marketing strategies, based on both current and emerging communication standards and media.
 - **Sustainable global expansion into outer space.** Progressive move off-world, consolidating current outposts and selecting next steps. Redirecting financial resources to appropriate projects and active strategies.
 - **A solid sustainable strategy for space settlement is key.** 100% reusable launch vehicles, propellant produced in space from lunar and asteroidal materials, fuel stations in orbit and cislunar space. Civilian space enabling technologies. Space debris recovery and reuse. Moon and asteroid mining.
 - **Evolution of mission requirements.** From exploration, to tourism, to settlement.
 - **Methodology.** Pragmatism, using the existing technologies better, by means of modern science and engineering, as demonstrated by SpaceX.
 - **Two levels for SRI working system.** Academic level, processing the complexity, Outreach level, translating the complexity into simple and attractive narration.
 - **Continuously updating our social analysis** of people's requirements and needs.
 - **Reaching out to the society at large.** Redesigning our presentation, websites and presence on social networks.
 - **Implementing the SRI Programs.** Medici Fund, Academy, Mentorship Programme, Education Programme, Research Programme, Civilian Space Protocol, Art Chapter.
 - **Enhance SRI collaborations and alliances with priority on Civilian Space Development** with space stakeholders: agencies, organizations, IAF, IAA, NSS and space advocacy groups, COSPAR, UN COPUOS & OOSA, industries (also new and non-space), academia, NGOs, and the public.

We vote to support this SRI strategy and programme for next 5 years and commit to contribute to work collectively to its development.

Motion approved unanimously, June 30th 2021