



What

Microgravity bio-science research & technology innovation merged with **edutainment** and **tourism**, in synergy with the **United Nations**, with **ground & underwater facilities** for **weightless & low-gravity** educational and development tests, training and public outreach preparing **hardware and people** at any age for **public aerospaceflights**.

Why

Wherever **gravity** and/or its **absence** play a role, **major opportunities** arise for top-level innovation in pharma & science R&D, technology innovation, education, socio-economic growth for **everybody**. The Center concentrates all such goals and functions in one site, creating **new high-tech jobs and knowledge**, with myriad opportunities for major **public engagement** in the **"Space economy"**.



SpaceLand Center 's concept drawing
(adapted from ESA)

includes upgrade of airport into **spaceport** for the landing of the **first United-Nations space mission** with **30 international experimental facilities**

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Objectives

SpaceLand long-term expertise and records set at **NASA** guarantee a **unique destination** with **affordable, reliable, user-friendly facilities, environments and tools** welcoming the **general population** together with **techno-science & educational communities**. The Center will generate **all-year-round activities** for **public education** and **training programs** focused on innovative research projects by **high-tech, life & nutritional sciences research entities** and **investors**, involving citizens at **any age** and with **any social background**: a fascinating **"space" adventure** open to **children, elderly, disabled**, maximising **techno-science transfer projects** from **crewed spaceflights** into **everyday's life**, in synergy with **spaceplanes** utilized by **NASA and United Nations**.



- **Benefits for the host territory:** **adding-value tourism** and **educational initiatives**, **major return of image** and **unprecedented stimuli** for **local SMEs** to thrive the **local economy** and **fast-innovate the whole region**.
- **Benefits for stakeholders:** an interesting **EBIT** already in the **first years**, with **long-term advantages** for new **international partnerships** on **S.T.E.M. disciplines**, shaping **new business opportunities** which will generate **additional revenues for investors** as well as **material & cultural wealth** for the whole society.

Program founder **Carlo Viberti**, graduated *cum Laude* as **Engineering Doctor** at 24 years of age at the prestigious **Polytechnical of Turin (Italy)**, has flown the **triple of Yuri Gagarin's time in weightlessness** both for the **European Space Agency (ESA)** & **NASA's International Space Station program** and for **SpaceLand public outreach and science research zero-gravity flights**; proposed by the **President of the Italian Space Agency** in 2010 as **first Astronaut-Engineer for sub-orbital flights**, he leads a group staffed by an international team of Aeronautic, Space engineers, Architects and corporate management experts, including **Dr. Silvano De Gennaro** who also worked in Switzerland as **Creative Director of CERN (Geneve)**. Co-funded by **ESA**, the **Italian Ministry of Research and Education**, **Regional and Counties Governments** and private investors from Switzerland and Italy, **SpaceLand** produced **science documentaries in zero-gravity** for the **Italian State television, CNN TV** and other media, and has set **many records on research weightless flights at NASA**; **SpaceLand** is the **only IAF Member** of the **South Indian Ocean** (www.iafastro.org) and has worked for / implemented **MoUs** with **European "Clean-Space" industries**, **Polytechnical Universities of Turin and Odessa**, **Ferrero SpA**, the **Robex team** (**German Space Agency, Airbus** and other **18 international entities**) and many others.