



Space Systems Innovation Platform

Swiss-based execution platform for space-enabled industrial innovation.

LUCERNE, SWITZERLAND

— THE OPPORTUNITY

The next industrial
revolution is happening
in space

\$1–2T

projected global space
economy by 2040

- Microgravity manufacturing
- Space-enabled biotechnology
- Orbital infrastructure
- Advanced materials
- Next-gen launch systems

Industrial value will emerge from platforms capable of coordinating complex multi-actor ecosystems.

— THE CHALLENGE

Technology is no longer the
barrier.

Coordination is.

The space economy increasingly depends on platforms capable of coordinating industry, research, capital and innovation.

— THE ECOSYSTEM GAP

Innovation struggles to convert potential into reality

01 — Research → Industrial application

02 — Ideas → Products

03 — Dialogue → Collaboration

- Fragmentation across industry, research and investors slows industrial deployment.

Execution is the missing layer.

A neutral execution platform

- Industry
- Academia
- Startups
- Investors
- Governments

Turning strategic collaboration into industrial execution.

SSIP operates as a neutral platform connecting the key actors of the emerging space economy.

SSiP Platform Architecture



SSiP connects the key actors of the emerging space economy and orchestrates collaboration to transform innovation into industrial execution.

— THE SWISS ADVANTAGE

Swissness

- Precision engineering
- Neutrality
- Global trust
- Reliability
- International collaboration

— INNOVATION PATHWAY

From dialogue to industrial execution

01
Dialogue

02
Collaboration

03
Pilot Programs

04
Industrial Translation

Participants across the SSIP platform collaborate through structured industrial pipelines.

Focus areas

- Space technologies
- Microgravity research
- Life sciences & biotechnology
- Advanced manufacturing
- AI-enabled applied R&D
- Orbital infrastructure

SSIP mobilizes industry, research institutions and investors across these domains.

— ECOSYSTEM ANCHORS

Strong foundations in Switzerland

- Technopark Luzern
- HSLU - Lucerne University of Applied Sciences
- BIOTESC - Microgravity Research Center

Switzerland provides a neutral environment enabling trusted global collaboration across the SSIP platform.

Global collaboration initiatives

- Global Microgravity Forum
- Global Orbital Infrastructure Summit
- Space BioDistrict Lucerne - emerging innovation hub focused on microgravity life sciences and orbital manufacturing
- International hackathons and innovation programs supporting early-stage technology development
- Strategic workshops connecting industry leaders, researchers and institutional actors
- Collaborative development of new technologies and products with HSLU (Lucerne University of Applied Sciences and Arts) and international industry partners

These initiatives activate the SSIP platform and generate new industrial collaborations.

SSIP Economic Engine

- Strategic sponsorships supporting ecosystem initiatives and global events
- Success fees from industrial partnerships and customer introductions to ecosystem partners
- Collaborative development of new technologies and products with industry and research institutions
- Strategic workshops and innovation programs for industry and governments
- Global ecosystem initiatives including the Global Microgravity Forum (GMF), Global Orbital Infrastructure Summit (GOIS), and international innovation programs

The SSIP platform generates sustainable value through ecosystem-driven collaboration.

— GLOBAL MARKET

The emerging space economy

\$1-2T

global space economy

TRILLION DOLLAR SPACE ECONOMY

- Orbital infrastructure
- Microgravity manufacturing
- Space biotech
- Advanced materials

Platforms coordinating global ecosystems will capture the highest value in the emerging space economy.

Why SSIP can become a top-10 global platform

- Swiss neutrality
- World-class research ecosystem
- Precision industry
- Microgravity research expertise
- International collaboration platforms
- Unique multi-actor platform architecture

Few organizations globally combine these dimensions.

Swiss Space Innovation Ecosystem



SSIP connects Switzerland's space innovation ecosystem to global partners.

SSIP Ecosystem Partners



Strategic partners form the core nodes of the SSIP global platform.

— VISION

Trusted global ecosystems

SSIP aims to become a global platform enabling trusted collaboration across the global space economy.



Space Systems Innovation Platform

- Independent
- Swiss-based
- Globally connected

Turning strategic collaboration into industrial execution.