SPACE2EARTH ACCELERATOR 2023

In January 2023 Space4Impact will kick-off the second edition of its international acceleration programme for downstream space applications bringing together space startups and strategic partners across industries.

Get ready for lift-off!

International space startups presenting industry-tailored pitches

Industry representatives present their technology challenges and needs

Space companies presenting their cutting-edge technology

Participants exchange their needs and solutions on a roundtable

Mingle during the networking sessions

Supported by:

VAUD ✚

EVENT SERIES

Running January 2023 – April 2023 in Switzerland

Four thematic workshop events bringing together the industry, space startups, and investors

Explore new technologies and unique application for your industy

FUTURE FARMING	CLEAN ENERGY	SUSTAINABLE REAL ESTATE	TRACK & TRACE

2023

31 January	8 March	30 March	25 April
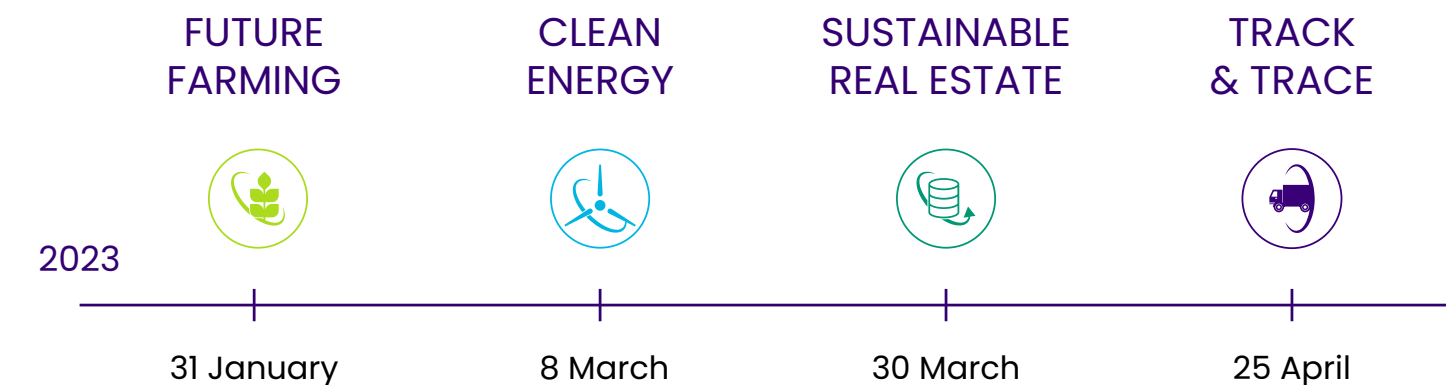
STARTUP COHORT 2023

17 Startups

9 Countries

6+ Space Technologies

15+ Target Industries

Space2Earth Accelerator
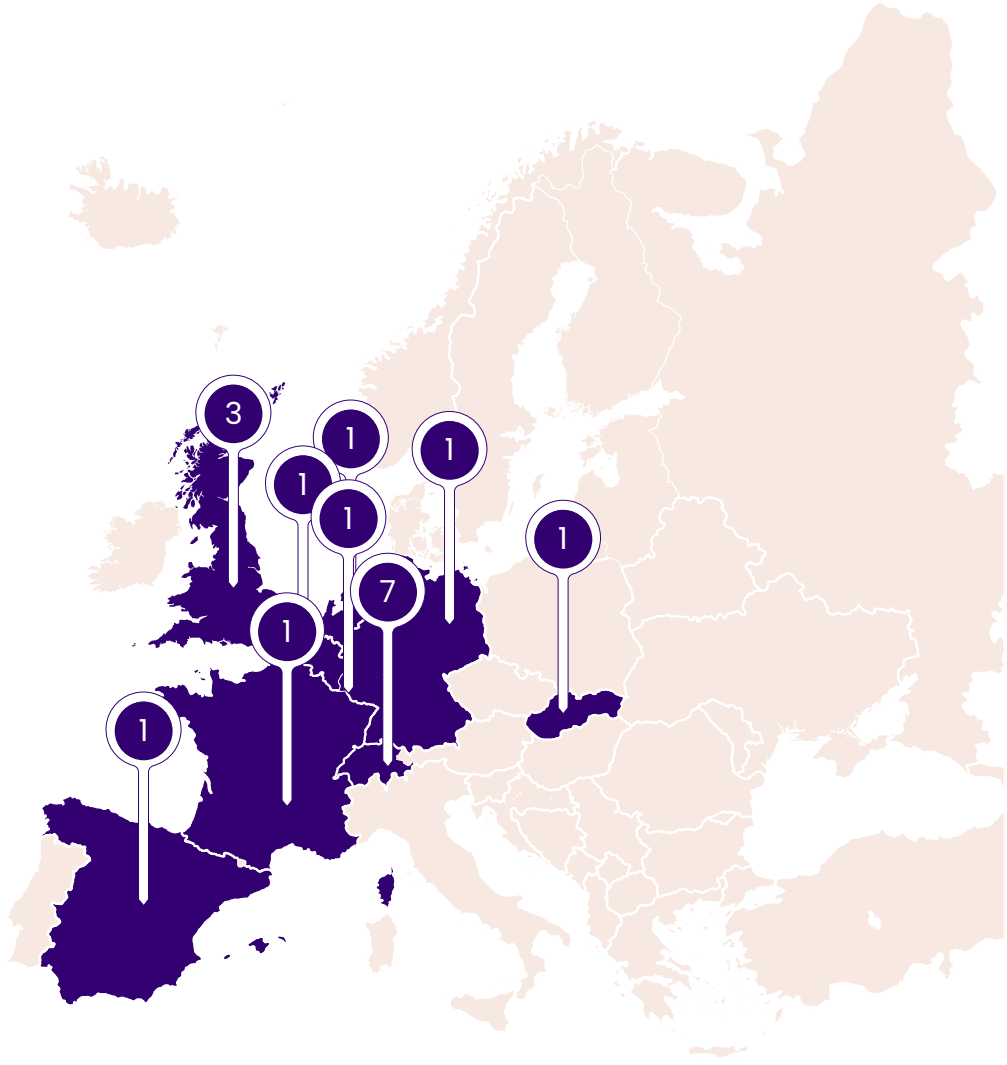
STARTUPS – LIST OF PROFILES

3IPK

3IPK

Location: Slovakia   **Size:**   11 - 25 people

Age: 3 - 5 years   **Raised:**   500'001 - 2'000'000 USD

3ipk.com

3IPK was established in 2019 in Slovakia and develops blockchain-augmented solutions for Space, Aviation and other industry sectors. The company's solutions enable to guarantee data integrity and its traceability through technology of blockchain, whether it involves aerospace supply chain, Earth Observation or other data where traceability is of essence.

SPACE TECHNOLOGY

Earth Observation   Remote Sensing

TARGET INDUSTRY

Logistics

AEROSPACELAB

![aerospacelab logo]

Location: Belgium, Switzerland & France
Age: 3 - 5 years

Size: + 150 people
Raised: + 50'000'000 USD

aerospacelab.be

Aerospacelab is a Belgian company founded in 2018, currently employing more than 160 people across 3 countries. Its expertise lies in both hardware (satellites, subsystems, and components) and data processing (extraction of actionable insights from satellite data). With four main constellations in works, Aerospacelab ambitions to enhance efficiency across various markets, by making geospatial intelligence affordable and actionable. To fulfill its mission, Aerospacelab leverages satellite data from multiple sensors, and keeps control over its supply chain. Aerospacelab ambitions to be the first vertically integrated agile aerospace company fusing geospatial data from multiple sensors.

SPACE TECHNOLOGY

Earth Observation · Remote Sensing · Satellite Manufacturing

TARGET INDUSTRY

Agriculture · Finance · Insurance · Forestry
Infrastructure · Real Estate · Environmental Monitoring

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AQUASCOPE

![AQUASCOPE logo]

Location: UK & Switzerland
Age: 1 - 3 years

Size: 0 - 10 people
Raised: 0 - 500'000 USD

aquascope.com

Aquascope provides timely water quantity and quality metrics to enable industry and governments to understand water risks and implement measurable, value driven solutions for climate mitigation and adaption We aggregate all water and related data using satellite data, machine learning & ground sensors. We provide independent, near real-time monitoring and insights at scale to ensure all investments are generating value for all stakeholders without exceeding ecosystem & planetary boundaries.

SPACE TECHNOLOGY

Earth Observation · Remote Sensing · Weather & Meteorological

TARGET INDUSTRY

Agriculture · Finance · Insurance · Energy
Logistics · Information Systems · Environmental Monitoring

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ASTROCAST

Location: Switzerland   **Size:** + 50 people

Age: 5 - 10 years   **Raised:** + 10'000'000 USD

astrocast.com

Astrocast delivers a comprehensive, end-to-end, direct-to-orbit SatIoT Service to expand IoT to remote regions of the world. The company provides the necessary chip-set (Satellite modem) and data-plans to device manufacturers, OEMS, System Integrators, Solution Providers, etc., who integrate Astrocast's communication modules into their devices and machines to implement global satellite IoT connectivity to their solutions.

SPACE TECHNOLOGY

Remote Sensing   Telecommunication   Satellite Manufacturing

TARGET INDUSTRY

Agriculture   Logistics   Telecom

Infrastructure   Energy   Environmental Monitoring

ASTROSAT

Location: United Kingdom   **Size:** 11 - 25 people

Age: 5 - 10 years   **Raised:** 0 - 500'000 USD

astrosat.net

Headquartered in Musselburgh, Scotland, Astrosat is an Earth Observation company that specialises in creating innovative space solutions that can deliver vital information in a timely manner to aid decision making. The company operates in a wide variety of markets; energy, healthcare, agri/aquaculture, forestry, disaster relief, land development, construction, exploration and clean mining. Their solutions incorporate big data analytics, machine learning and artificial intelligence; often combining ground data with satellite data to deliver insights that people can visualise and understand. Astrosat's solutions are presented as intelligent data layers on strategic data visualisation and analysis tool.

SPACE TECHNOLOGY

Earth Observation

TARGET INDUSTRY

Agriculture   Food   Infrastructure

Energy   Environmental Monitoring

GEODATASOLUTIONS

Location: Switzerland   Size: 11 - 25 people

Age: 5- 10 years   Raised: 500'001 - 2'000'000 USD   geodatasolutions.ch

GeoDataSolutions is specialized in geographic information systems (GIS), and has long-term experience of Earth Observation, remote sensing, and satellite imagery. The company can acquire, create, manage, and process geodata, offering mobile mapping, drone photogrammetry, laser scanning, georeferencing, cartographic creations, data and flow modeling, spatial, and spatio-temporal analyses, 2D, 3D, aggregation of several cartographic sources, cartographic dashboards, and more.

SPACE TECHNOLOGY

Earth Observation   Remote Sensing   Positioning, Navigation & Timing

TARGET INDUSTRY

Agriculture 🌾   Insurance 🖊   Environmental Monitoring 🍃

Energy ⚡   Real Estate 🏠

GEOOPTICS SWITZERLAND

Location: Switzerland   Size: 0 - 10 people

Age: 1 - 3 years   Raised: 0 - 500'000 USD   geoptics.com

GeoOptics acquires and markets Earth remote sensing data from space along with advanced data analytics that provide a rich fund of actionable information to diverse users. Such data is critical for environmental monitoring, weather and climate, resource management, defense and security, and many other purposes. Customers will span the diverse communities that employ spaceborne data for the above applications: government agencies, NGOs and industries (agriculture, transportation, weather services, energy, infrastructure, investment, insurance, and more) – all of those involved in sustaining our planet and quality of life.

SPACE TECHNOLOGY

Earth Observation   Remote Sensing   Weather & Meteorological

TARGET INDUSTRY

Insurance 🖊   Environmental Monitoring 🍃

GLOBEEYE

 GlobeEye

Location: France   **Size:**   0 - 10 people

Age: 1 - 3 years   **Raised:**   0 - 500'000 USD

globeeye.eu

GlobeEye provides Earth Observation applications for Sustainable Finance. Specifically, it develops next generation sustainability (ESG) metrics combining satellite data with a vast range of alternative and observational data, leveraging state-of-the-art artificial intelligence. GlobeEye supports the transition towards sustainable investment decisions, increasing the overall economic and social efficiency of global capital allocation.

SPACE TECHNOLOGY

Earth Observation

TARGET INDUSTRY

Finance 👝   Environmental Monitoring 🌿
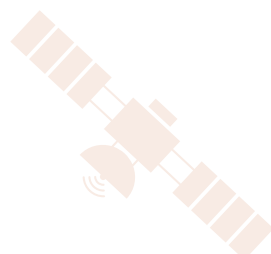
IBISA

 ibisa

Location: Luxembourg   **Size:**   0 - 10 people

Age: 1 - 3 years   **Raised:**   500'001 - 2'000'000 USD

ibisa.network

IBISA is an InsurTech building and managing climate insurance solutions for agriculture to bring resilience to farmers and businesses.

SPACE TECHNOLOGY

Earth Observation   Remote Sensing

TARGET INDUSTRY

Agriculture 🌾   Finance 👝   Insurance ✒️   Food 🥨

LOBELIA EARTH

Lobelia.

Location: Spain

Age: 3 - 5 years

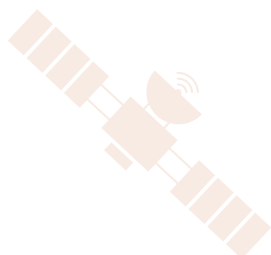**Size:** 11 - 25 people

Raised: 500'001 - 2'000'000 USD

lobelia.earth

Lobelia Earth is specialized in high resolution climate risks assessment and quantification by combining satellite data, climate modeling and computational intelligence. Lobelia is a pioneering company integrating climate analysis in decision-making both in public and private sectors, grounded on scientific nowledge and radically new software technologies. Lobelia also provides ecosystem monitoring services including CO2 sequestration at tree level, tree survival, vegetation health indices. Lobelia's team comprises experts in physics, hydrology, physical climate risks, computer science, designers, engineering and business, plus a large network of international collaborators.

SPACE TECHNOLOGY

Earth Observation   Remote Sensing   Weather & Meteorological

TARGET INDUSTRY

Agriculture   Finance   Real Estate   Food

Infrastructure   Insurance   Environmental Monitoring

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METEOMATICS

meteo matics

Location: Switzerland

Age: + 10 years

Size: + 50 people

Raised: + 10'000'000 USD

meteomatics.com

Meteomatics is the world's leading provider of weather information with unique technologies, high-resolution weather models and far-reaching competencies. By using their intelligent workflow management with the world's most accurate weather and climate data, cusomers can improve operational processes and better manage extreme weather situations.

SPACE TECHNOLOGY

Earth Observation   Remote Sensing   Weather & Meteorological

TARGET INDUSTRY

Agriculture   Insurance   Energy   Logistics

Food   Infrastructure   Commodities   Telecom

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ORORATECH

Location: Germany   **Size:** 51 - 100 people

Age: 3 - 5 years   **Raised:** + 10'000'000 USD   **ororatech.com**

OroraTech empowers better decisions for climate change adaptation and mitigation through continuous thermal data from space. With the launch of our camera on the FOREST-1 satellite in January 2022, we are the first and only commercial provider of space-based thermal-infrared data to clients worldwide. Additional missions are in the works, and our constellation data will be integrated with our existing wildfire intelligence service, significantly enhancing detection speed and precision for customers. Over the coming years, our space-based cameras will provide new and improved insights into other natural disasters.

SPACE TECHNOLOGY

`Earth Observation`   `Remote Sensing`   `Satellite Manufacturing`

TARGET INDUSTRY

`Forestry 🌳`   `Infrastructure 🗼`   `Energy 🔋`   `Agriculture 🌾`

`Finance 💰`   `Insurance 🖊️`   `Wildfire Services & Authorities 🔥`

`Environmental Monitoring 🍃`

SATELLITE VU

Location: United Kingdom   **Size:** 26 - 50 people

Age: 3 - 5 years   **Raised:** + 10'000'000 USD   **satellitevu.com**

Aim to be the World's thermometer! Satellite Vu's mission is to deliver transparency to global challenges with insights from the highest resolution thermal data from space.
For this, Satellite Vu is launching a constellation of thermal satellites with a unique high-resolution sensor that can detect heat emissions from any structure in the planet. This new category of heat observation data will enable a host of new applications from the monitoring of economic activity, the thermal footprint of buildings to improve their efficiency, and the sustainability of supply chains.

SPACE TECHNOLOGY

`Earth Observation`   `Satellite Manufacturing`

TARGET INDUSTRY

`Energy 🔋`   `Finance 💰`   `Insurance 🖊️`   `Real Estate 🏠`

SPACE4GOOD

Location: The Netherlands **Size:** 11 – 25 people

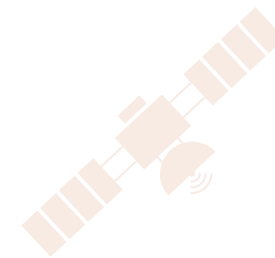**Age:** 3 – 5 years **Raised:** 0 – 500'000 USD

space4good.com

Space4Good is an innovative social enterprise utilising space technology for social and environmental good. Combining remote sensing, geographic information services and artificial intelligence, we map, analyse and model complex ecosystems and support leading organisations and institutions on topics such as nature-based solution monitoring, reporting and verification (MRV), carbon accounting, environmental crime detection and prediction, restorative agriculture monitoring and management, pest and disease early warning systems, as well as emission monitoring.

SPACE TECHNOLOGY

`Earth Observation` `Remote Sensing`

TARGET INDUSTRY

`Agriculture 🌾` `Insurance 🖊` `Finance 👛` `Forestry 🌳`

`Food 🥨` `Environmental Monitoring 🌿`

TRADE IN SPACE

Location: United Kingdom **Size:** 0 – 10 people

Age: 3 – 5 years **Raised:** 500'001 – 2'000'000 USD www.tradeinspace.com

Trade in Space pioneered the development of Satellite Activated Smart Contracts in 2019. Focusing on the coffee farming sector, we developed proprietary AI techniques to map coffee more accurately than any other commercially available technology. In 2020, we completed The Worlds First Ever Space Traded coffee, by using our proprietary mapping software and block-chain architecture to import green coffee from Colombia to the UK.

SPACE TECHNOLOGY

`Earth Observation` `Remote Sensing`

TARGET INDUSTRY

`Agriculture 🌾` `Finance 👛` `Environmental Monitoring 🌿`

URBANDATALAB

Location: Switzerland **Size:** 0 - 10 people

Age: 1 - 3 years **Raised:** 0 - 500'000 USD www.urbandatalab.ch

UrbanDataLab is a spin-off of ETH that supports professionals across multiple industries to easily apply artificial location intelligence. Our proprietary analysis platform integrates a large set of unique and scalable geodata and combines it with the latest methods of predictive analysis (machine learning). This enables our customers to easily understand patterns in data and make better location decisions, e.g. customer segmentation, site planning or revenue predictions.

SPACE TECHNOLOGY

Remote Sensing   Urban Data Science

TARGET INDUSTRY

Finance 👞   Insurance 🖊   Real Estate 🏠

Information Systems ✳

WEGAW

Location: Switzerland **Size:** 0 - 10 people

Age: 3 - 5 years **Raised:** 2'000'000 - 10'000'000 USD wegaw.com

Wegaw empowers the energy transition through geospatial data fusion and AI. More than 30 hydro-power public and private stakeholders worldwide utilize Wegaw's proven, highly accurate and near real-time datasets of Snow Water Equivalent and calibrated models in seasonal flow forecasts to correct prediction errors by 30% to 50%. Furthermore, hydropower companies are increasing trading prices by up to 5%, whilst boosting production by up to 10%, leading to significant additional output and untapped revenues. Wegaw is also currently developing actionable environmental insights for alpine solar and offshore wind projects to help assess optimal installation sites.

SPACE TECHNOLOGY

Earth Observation   Remote Sensing

TARGET INDUSTRY

Energy 🔋   Environmental Monitoring 🍃

Space 4 Impact

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