



20 June 2023 - Paris

Thank you for coming to this special investor event organized by CNES, Connect by CNES and ESA in the frame of SPACELY (the space investors club powered by CNES) and the ESA Investors Network.

We are pleased to introduce you to a panel of high potential French and European NewSpace companies. The whole team remains at your disposal for further information.

We wish you incredible discoveries!

Véronique de la Casa, CNES - Veronique.DeLaCasa@cnes.fr

Gianluigi Baldesi, ESA - gianluigi.baldesi@esa.int

Program

- **4 pm - Welcome coffee**
- **4.30 pm - Welcome speech**
CNES - Thomas Fouquet, Associate Director / Head of NewSpace & Véronique De La Casa, Spacely Chief Officer
ESA - Gianluigi Baldesi, Commercialisation Officer
- **4.40 pm - Keynote "Investments in space"**
CNES - Murielle Lafaye, Space Observatory Deputy Director
ESA - Gianluigi Baldesi, Commercialisation Officer
- **4.55 pm - Pitch session**
- **6.00 pm - Co-investments round table (moderated by Emmanuel Daugeras, Partner Karista)**
Guillaume Tanier, CEO - Leanspace
Matteo Cascinari, General Partner - Primospace
Dr Oliver Kahl, Principal - MIG
Patrick Trinkler, CEO - Cysec
- **6.45 pm - Pitch session**
- **7.45 pm - Conclusion**
ESA - Heriberto Saldivar, Head of the Foresight, Strategy and Coordination Department
CNES - François Alter, Advisor to the CEO & Deputy CSO
- **8.00 pm - Cocktail dinner & networking evening**



Pitch sessions detail

Slot 1 – 4.55 pm

Services for Earth

1. Constellation
2. Global Smart Rescue
3. GRASP
4. Netcarbon
5. Promethee
6. Rize
7. Stellar

SpaceTech

8. DCUBED
9. deltaVision
10. eNOVA-Aerospace
11. Orbital Matter
12. Planexus
13. Reflex Aerospace
14. Spacelocker
15. SPIN
16. StatInf
17. Warpspace

Slot 2 – 6.45 pm

Software, AI

18. 3IPK
19. AIKO
20. Miraex
21. Neurobus
22. OroraTech
23. VR2planets

Launch services

24. Exolaunch
25. HyPrSpace
26. OPUS AEROSPACE
27. Sirius Space
28. Spacedreams

Propulsion

29. ION-X
30. Arkadia Space
31. Hybrogines
32. Pangea Aerospace
33. IENAI

Orbit

34. Share my Space
35. Spaceflux

Exploration

36. ASTROLAB
37. The Exploration Company

Companies that pitch



3IPK develops blockchain-based software solutions which allow to secure authenticity, integrity and traceability of aerospace data such as prevention of falsification of Earth Observation Satellite Imagery or to enable transparent supply chains through data traceability

<https://3ipk.com/>



AIKO is a deep-tech company founded in 2017, with offices in Torino, Italy, and Toulouse, France, specialized in Artificial Intelligence and Automation technologies for space applications. The company delivers state-of-the-art Artificial Intelligence solutions for flight and ground software with the goal of enabling autonomous space missions.

<https://aikospace.com/>



Arkadia Space is a company developing orbital propulsion systems based on green propellants for all kinds of satellites and space vehicles. Arkadia Space is already supported and backed by space veterans, a former astronaut, as well as by the European Space Agency in the form of several contracts.

<https://arkadiaspace.com/>



ASTROLAB's mission is to democratize Research & Development in space for the benefit of people on Earth. We develop the first robotic "Laboratory-Station" in Low Earth Orbit, providing access to a fully automated microgravity laboratory, enabling the next leap forward in biotechnologies & biomanufacturing.

<https://www.linkedin.com/company/astrolab-station/>





Constellation is developing a disruptive broadband constellation of telecommunications satellites enabling telecom and mobility operators to provide universal access to performant, sustainable, affordable internet to their clients where reliable terrestrial telecommunications networks are not available.

<https://www.constellation.global/>



DCUBED, the Munich based New Space company that is introducing e-commerce to space with their readily available space tech.

<https://dcubed.space/>



Cryogenic and high-pressure fluid control is a tough nut and deltaVision cracks it for the European space tech eco-system by its portfolio of valves, p-regulators, E-motor pumps & respective electronics.

<https://deltavision.space/>



e.NOVA Aerospace is an engineering aerospace start-up company founded in 2019 in order to support emerging NEWSPACE actors in their preliminary phase of development (mission / system analysis or project / business development). With more ten years legacy in term of GREENSPACE technologies, such as D4D Design for Demise techniques and experiences in related atmospheric re-entry analysis, the company initiated an innovative Project BFS "Back from Space" in order to provide an atmospheric re-entry kit adapted for NEWSPACE market and Nanosatellite Applications. The intentions is to get IOS/IOM payload (In Orbit Servicing / Manufacturing) recovered on ground in an autonomous way. eNOVA intends to be the BFS re-entry Kit provider for the nanosatellite operator and provide him re-entry and recovery operations.

<http://enova-aerospace.com/>





Exolaunch is a global provider of turnkey launch and deployment solutions for smallsats with a track record of 323 launched satellites across 21 successfully executed missions. The Company is known for its proprietary ecosystem of flight-proven deployment technologies and develops a line of orbital transfer vehicles, named Reliant, designed for last-mile delivery, in-space logistics and active debris removal.

<http://exolaunch.com/>



Global Smart Rescue provides robust and cost-efficient solutions for global monitoring and alert systems. The patented hybrid terminals enable continuous analysis of environmental data by utilizing both terrestrial networks and IoT satellite communication, ensuring interoperability and effective coverage worldwide.

www.globalsmartrescue.com



GRASP deploys cube-sat constellation for cost-effective global air pollution monitoring.

www.grasp-sas.com



Hybrogines is an aerospace growth company, recently founded and operating from France's space area, that aims to provide an advanced orbital transfer vehicle for small satellites powered with performant and flexible hybrid-propellant rocket engines.

www.hybrogines.space



<https://hypr-space.com/>





Unlocking in-space mobility for the next generation of small satellites.

<https://ienai.space/>



Launched in 2021, ION-X provides electric propulsion solutions for small satellites. Based on patented electrospray technology, our unique ionic liquid thruster is the next big thing in small satellites propulsion. It will deliver unmatched thrust and fuel efficiency while offering great operability with non-toxic & non-pressurized propellant. ION-X first demo mission is expected for mid-2024 onboard SpaceX Falcon9 Transporter mission.

<https://ion-x.space>



Miraex develops photonic sensing & distributed quantum computing solutions.

<https://www.miraex.com>



Netcarbon is a deeptech that is revolutionizing the measurement of carbon capture, in order to reduce the concentration of CO2 in the atmosphere. Based on satellite data that monitors the state of vegetation, and combined with artificial intelligence, Netcarbon has developed an algorithm for measuring and improving carbon capture on a global scale.

<https://www.netcarbon.fr/>



Neurobus specializes in AI-powered on board data processing and spiking neural network training using neuromorphic processors for space and defence applications.

<https://neurobus.space/>



We develop and manufacture launchers and spacecraft to accelerate space exploration.

<https://www.opus-aerospace.com/>





Orbital Matter is developing a cheaper, simpler and greener way of manufacturing in microgravity for satellite manufacturers and prime contractors. They 3D print larger and lighter structures directly in orbit instead of making them on earth, faster and cheaper than anyone else.

<https://www.orbital-matter.com/>



OroraTech is an intelligence-as-a-service company delivering thermal intelligence for a sustainable Earth. The company's product lineup includes the Wildfire Solution and high-resolution thermal data obtained through their proprietary sensor system in space.

<http://www.ororatech.com/>



Pangea is reinventing the way we access space and how we move in it! Our disruptive propulsion technology, green and reusable is opening the path to a more sustainable space industry. We developed and patented a bio-methane aerospike engine, that increase efficiency by 15% while lowering costs and optimizing manufacturing process to address the needs of launchers, governments & defense and spaceplanes. On the other hand, our plug-and-play chemical propulsion system for satellites offers the highest thrust-to-weight ratio to enable in-space maneuvers.

www.pangeaaerospace.com

PLANEXUS

Based on technology transfer from CNES and the IETR laboratory in Rennes via SATT OV, PLANEXUS aims to develop K/Ka band antenna systems for mobile SATCOM terminals (SOTM). Compared to products currently on the market, our technologies allow us to offer more compact solutions that consume less energy and are much cheaper with increased performance, particularly at very high data rate. The targeted market segments are civil and military aeronautics, maritime transport, rail and other special services.

<https://www.linkedin.com/company/planexus/>





Prométhée is positioned as the French NewSpace operator of Nano Satellites constellations for earth observation. Founded in January 2020, this young startup responds to the challenges of sustainable development and crisis management by providing environmental and strategic intelligence services on the one hand, and sovereignty space infrastructure on the other.

By combining revisit rates never proposed before with advanced hyperreactivity concepts based on inter-constellation connectivity technologies, and embedded artificial intelligence, taking advantage of a multi-source aggregation platform, Prométhée provides a unique anticipation capacity based on information from enriched sources and at high frequency.

<https://www.promethee.earth>



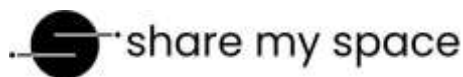
Reflex Aerospace has been leading the charge to provide advanced dual-use satellite technology at unparalleled speed. The company is leveraging the latest engineering techniques to achieve significantly faster delivery times and enhanced reliability of spacecraft.

<https://www.reflexaerospace.com/>



Rize accelerates the transition to regenerative farming, leveraging climate financing. Rize has developed a digital platform for farmers to assess their carbon footprint and obtain financing via carbon payment programmes. Rize is building advanced MRV technologies based on sound scientific models and satellite capabilities.

<https://rizeag.com/>



Because space belongs to everyone.

<https://www.sharemyspace.space>



Our ambition: to develop a range of sustainable, reusable launchers for small satellites launching.

<https://www.sirius-space.com/>





One day there will be spaceports everywhere

<http://www.spacedreams.com>

SPACEFLUX

Our mission is to protect essential space assets and promote sustainable orbital operations by leveraging AI-powered space situational awareness solutions, state-of-the-art optical sensor technology, and data-driven insights for a safer and more resilient space environment.

<https://spaceflux.io>



Get your payload in orbit. Nothing more. SpaceLocker develops a service of turnkey, flexible, and sustainable space missions based on standardized payload hosting with the support of Thales Alenia Space.

<https://www.spacelocker.fr/>



SPiN offers Modularity as a service, selling satellite integration solutions based on system engineering methodology and an affordable compact, intelligent, plug-and-play data node adapter, the Multipurpose Adapter Generic Interface Adapter, MA61C.

<https://www.spinintech.com/>



StatInf offers a tool and services for the temporal verification of electronics on board embedded systems for the avionics, space, automotive, transport and defence fields.

www.statinf.fr



stellar

Stellar brings the digital life to the mobility sector, to vehicles and passengers, with the best internet experience. It harnesses the power of satellite and terrestrial telecom networks to provide the best internet access

<https://www.stellar.tc/>



We democratize space exploration, making it affordable, sustainable, and open.

<https://www.exploration.space/>



VR2Planets develops immersive and collaborative software to visit numerical twins of real planetary terrains. We are providing innovative tools to improve the way terrains are analysed. Any market working on real terrains is impacted by our tools and we start by astronauts!

<https://vr2planets.com/>



Realizing a connected space.

<https://warpspace.jp/>



You are an investor?



<https://commercialisation.esa.int/investor-network/>

