

PRESS KIT; ASTEROID DAY 2023

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WHAT IS ASTEROID DAY?

[Asteroid Day](#) is held on 30 June each year to mark the date of Earth's largest asteroid impact in recorded history, the Siberia Tunguska event. Asteroid Day was co-founded by astrophysicist and famed musician [Dr Brian May](#) of the rock group Queen, Apollo 9 astronaut [Rusty Schweickart](#), filmmaker [Grig Richters](#), and B612 President [Danica Remy](#), to educate the public about the importance of asteroids in our history and the role they play in the solar system. In 2016, with the leadership of the Association of Space Explorers (ASE), the United Nations declared Asteroid Day to be a global day of education to raise awareness and promote knowledge in the general public about asteroids. Major events in past years have taken place in London, San Francisco, Washington, DC, Tanzania, Milan and Rimini, Italy; Garching, Germany; and Rio de Janeiro, Brazil; in addition to [thousands of events worldwide](#). -Over the past six years, Asteroid Day has evolved to include the participation of major space organizations such as ESA, NASA, JAXA and ISRO, as well as prominent scientists, astronomers, educators and media worldwide. Asteroid Day is a programme of the Luxembourg-based nonprofit Asteroid Foundation.

This year's Asteroid Day celebration in Luxembourg is made possible thanks to the support and partnership of the [Luxembourg Space Agency](#) (LSA) as a lead sponsor, and by international partners and contributors like the [Association of Space Explorers](#), [B612 Foundation](#), the [European Space Agency](#) (ESA), [The European Space Education Resource Office \(ESERO Luxembourg\)](#), [Euro Space Centre](#), [Perpetuity Capital](#), [The Planetary Society](#), and [OHB](#), as well as by partners and contributors from Luxembourg, namely [Luxembourg Chamber of Commerce](#), [the European Space Resources Innovation Centre \(ESRIC\)](#), [Fondation Jeunes Scientifiques Luxembourg](#), [GRADEL](#), [Groupement luxembourgeois de l'aéronautique et de l'espace \(GLAE\)](#), [LIST \(Luxembourg Institute of Science & Technology\)](#), [The LHoFT Foundation \(Luxembourg House of Financial Technology\)](#), [LuxSpace](#), [Musée national d'histoire naturelle – 'natur musée'](#), [NewSpace Capital](#), [Ville de Luxembourg](#), [OffWorld Europe](#), [SnT](#), [SES](#), [Sofitel](#), [Telindus](#), [UNIVERSEH](#), and [VAUBAN, Ecole et Lycée Français de Luxembourg](#). The Asteroid Day Space Lecture is co-funded by the European Union's [ERASMUS+](#) programme. The Asteroid Day Festival is supported by the [Luxembourg National Research Fund \(FNR\)](#) (project code PSP-C2022-02/17736367).

QUICK LINKS

Website: [AsteroidDay.org](https://asteroidday.org), <https://asteroidfoundation.org/>

Media Resources: <https://asteroidday.org/resources/asteroid-day-press-room/>

Asteroid Day videos: <https://www.youtube.com/@AsteroidDay>

Additional Photos: <https://www.flickr.com/photos/182871239@N02/albums>

Press release:

<https://asteroidday.org/news-updates/asteroid-day-presents-its-2023-programme-for-30-june-and-1-july>

Programme: <https://asteroidday.org/events-in-luxembourg/>

KEY MESSAGES

What is Asteroid Day?

- Asteroid Day is a UN-sanctioned global day of education to raise awareness about asteroids.
- Asteroid Day is held each year on June 30, the anniversary of the largest asteroid impact on Earth in recent history (Tunguska, Siberia, June 30, 1908).
- Asteroid Day reminds us that we are citizens of the universe (the crew of ‘Spaceship Earth’) and stewards of our planet, and it is our responsibility to learn about asteroids.
- Asteroid Day’s aim is to accelerate the rate of asteroid discovery.
- Asteroid Day is the programme of the Luxembourg-based Asteroid Foundation.

About Asteroid Foundation

- Asteroid Foundation’s mission is to promote worldwide awareness, understanding, and education about asteroid opportunities and risks and the emerging space economy, as well as attract talent.
- Asteroid Foundation’s Board members and Team: Markus Payer, Board Director, Chair; Dr Dorin Prunariu, Astronaut, Board Director, Vice Chair; Danica Remy, Board Director, Secretary, Co-founder of Asteroid Day; Grigorij Richters, Board Director, Co-founder of Asteroid Day; Guy Harles, Board Director, Treasurer; Georges Schmit, Chair Emeritus; Razvan-Petru Radu, Board Director; Daniel Biedermann, Board Director; Maher Kalaji, Board Director; and Anna Bordus, Program Director.
- Asteroid Day (Programme of Asteroid Foundation) Team includes Danica Remy, Board Director, Secretary, Co-founder of Asteroid Day; Anna Bordus, Program Director; Saulo Machado, Asteroid Day Global Coordinator; Rhea Abdo, Communications Coordinator; Viktoria Urban, Editor; and Naomie Condé, Operations Associate, Student.

Asteroid Facts

- Asteroids are rocky objects, left over from the formation of planets in our solar system. Like planets, asteroids orbit the Sun. While most asteroids are contained in the Asteroid Belt between Mars and Jupiter, some cross Earth’s orbit and these pose a risk that our planet could be struck by one.
- Asteroids can pose a risk to the earth, and although the threat is low in any one year, the consequences can be serious. There are over a million asteroids we haven’t identified which could pose a threat.

Who Supports Asteroid Day?

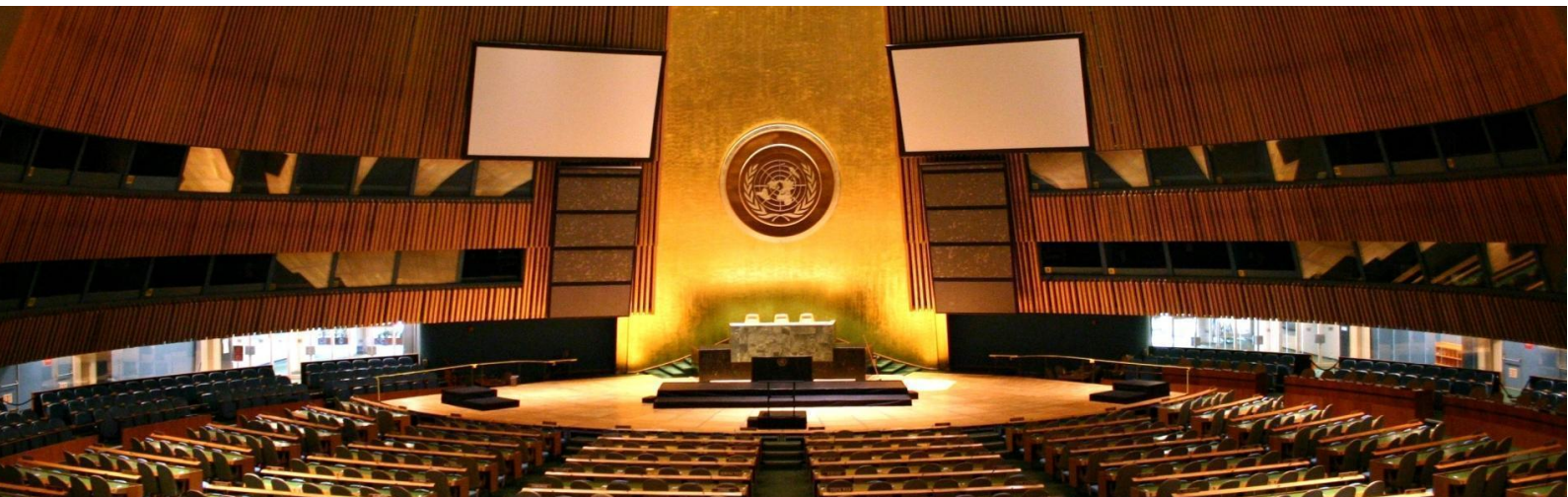
- Asteroid Day is supported by international organisations; government agencies; local communities, and leaders in science; technology; education; business and entertainment.

Who attends Asteroid Day events and where?

- What makes Asteroid Day so successful are the volunteers and hosts of global events held around the world in more than 190 countries. To date, we have 125 regional coordinators across the globe and thousands of other independent organizers.
- Participants in Asteroid Day include people of all ages, from scientists, technologists, and community leaders to students - anyone interested in learning about asteroids and helping to protect our planet from impacts.

Can I Watch Asteroid Day online?

On 30 June asteroids are the focus of a conversation shared around the world on the global Asteroid Day Festival stream. *Asteroid Day Festival* is produced by the Asteroid Foundation with the help of its sponsors. The programming will feature prominent scientists, asteroid experts, famed astronauts, technologists, government space leaders, and researchers in planetary science.



UN DECLARATION OF ASTEROID DAY

In 2016, two years after Asteroid Day was launched, the [United Nations General Assembly](#) recognised Asteroid Day as an official UN event and declared it to be held internationally each year on June 30, the anniversary of the largest asteroid impact in recent history, the 1908 Tunguska impact. It is a day of education and awareness about planetary science. The UN resolution invites all United Nations Member States, organizations of the United Nations system, other international and regional organizations, as well as civil society, including non-governmental organizations and individuals to observe International Asteroid Day.



Asteroid Day 2017: Asteroid Day co-founders Danica Remy (left) and Grig Richters (right) with Etienne Schneider (centre) then Luxembourg's Deputy Prime Minister and Minister of the Economy at the announcement of Asteroid Day making its global headquarters in Luxembourg. Photo by: Max Alexander

ASTEROID FOUNDATION LEAD SPONSOR



Luxembourg Space Agency (LSA) develops the space sector in Luxembourg by fostering new and existing companies, developing human resources, facilitating access to funding, and supporting academic research. The agency implements the national space economic development strategy, manages national space research and development programs, and leads the SpaceResources.lu initiative. Furthermore, the LSA represents Luxembourg within the European Space Agency and space-related programs of the European Union and the United Nations. Further information is available at: www.spaceresources.public.lu/en

100X DECLARATION

A declaration calling for a 100 times increase in the awareness and tracking of asteroids. Read the full declaration [here](#).

Signers of the 100X Declaration number more than 200 leaders in Business, Aerospace, Science and government, and more than 50000 concerned citizens.

- **Science:** Richard Dawkins, Jane Luu, Helen Sharman, Jill Tarter, Brian Cox, Lord Martin Rees, Astronomer Royal of the UK and the late Stephen Hawking
- **Astronauts:** Tom Jones, Chris Hadfield, Ed Lu, Anousheh Ansari

- **Entertainment:** Terry Gilliam, Stephen Fry, Peter Gabriel, Brian May, Brian Eno, Broken Bells, Will Wright, David Braben
- **Business:** Steve Jurvetson, Alan Eustace, Chris Anderson, Sasha Galitsky, Amin Badr-El-Din

See a full listing of signers of the 100X Declaration [here](#).

APPROVED ASTEROID DAY QUOTES

Asteroid Day co-founders Brian May (Queen guitarist, astrophysicist), Danica Remy (President of B612), Grig Richters (Filmmaker) and Rusty Schweickart (Apollo 9 astronaut): "The United Nations General Assembly has officially declared June 30 as the International Asteroid Day. We founded the annual event in 2014 to raise awareness of asteroids and the opportunity to learn about their role in our solar system. We hope you will join us."

Dr. Brian May, astrophysicist, guitarist and songwriter for QUEEN; Co-Founder, Asteroid Day. "Asteroid Day was created to encourage the public and governments to learn more about asteroids, the origin of our Solar System, and to support the resources necessary to find and deflect asteroids."

"We have all seen how unprepared the human race was, faced with a pandemic. The threat of an asteroid strike is just as real. The consequences could be just as catastrophic. We regard it as our duty to make sure we are prepared to deal with the consequences of such a strike, on an international level, and also to do our utmost to learn how to prevent such a disaster, by finding and deflecting potentially lethal impactors. That is what Asteroid Day is all about."

Markus Payer, Board Director, Chair, Asteroid Foundation: "Asteroid Day is an excellent opportunity to bring Luxembourg and the global space community together to learn about space, the history of our solar system, the future of space exploration, and planetary defense."

"We want to attract young and talented people to the space sector which plays an increasingly important role in the development of our economy, sciences, and society. We thank our main sponsor LSA, FNR, the European Union, and all our programme partners for their generous and sustained support and look forward to making Asteroid Day 2023 another success for space in Luxembourg, Europe, and around the world."

Ed Lu, three-time NASA astronaut; CEO of B612. Ed co-invented the Gravity Tractor, a proposed technique for asteroid deflection: "The United Nations Declaration of Asteroid Day is a testament to the importance of the international work by scientists and engineers around the world to improve our knowledge and detection of asteroids. If we do our job properly, we should have total awareness of the trajectory of all asteroids in the solar system."

Dorin Prunariu, Romanian cosmonaut: "Asteroid Day is an annual event to inform and educate the general public on asteroids and the activities that are undertaken in connection with asteroids to improve our knowledge. Recognition of this event by the UN General Assembly on the proposal of Association of Space Explorers (ASE) comes as a natural and necessary consequence that complements other initiatives related to NEO taken by the UN and by other national and international organizations."

Etienne Schneider, Former Deputy Prime Minister of Luxembourg: “We are delighted to see the United Nations join in promoting awareness of asteroids as an opportunity for mankind and for future peaceful exploration.”

Fraz Fayot, Minister of the Economy, Luxembourg: “Asteroid Day is an important rendezvous for all actors in the space sector and something hugely important for Luxembourg.”

Rusty Schweickart, Apollo 9 Astronaut; Co-Founder, Asteroid Day: “If we can track the trajectories of asteroids and monitor their movement in our solar system, then we can know if they are on a path to impact Earth,” said “If we find them early enough, we can move them out of Earth’s orbit.”

Tim Peake, British astronaut: “All the best for Asteroid Day. We only have one Earth so let’s do all we can to protect it.”

Lord Martin Rees, Astronomer Royal, UK: “The ancients were correct in their belief that the heavens and the motion of astronomical bodies affect life on Earth - just not in the way they imagined. Sometimes those heavenly bodies run into Earth. This is why we must make it our mission to find an asteroid.”

Jean-François Clervoy, French astronaut: “Each asteroid is a natural individual spaceship, unmanned as far as we know. They fly in formation or on their own. Their composition can vary from one to another. They are exciting subjects for many science disciplines such as math, chemistry, biology, geology, cosmology, etc. but also for developing a human interplanetary culture and philosophy. Asteroids invent new shapes, new trajectory curves, new crater geometries. They force us to reflect on our meaning of life. They are potential destinations we can see, touch and visit. They are just cosmic pieces or art which deserve our fascination.”

Rakesh Sharma, Research Cosmonaut, India: “While the Moon, Mars and other planets in our solar system are always there, we have many asteroids that pass by the windows of our world while on their celestial wanderings. They are treasure troves of scientific information and we need to intercept, harness and study them with a view to learn about the origins of our life and other exotic materials that may be embedded in them. There is much undiscovered and less understood knowledge flying past us, just awaiting our attention.”

Chris Hadfield, Canadian Astronaut: “The Earth gets hit by about 40 tons of small asteroids and their dust each day. But occasionally there is a big one that causes havoc, and we need to do what makes sense, together, to be ready.”

Tom Jones, Scientist, Author, Pilot and Veteran NASA Astronaut with four Shuttle missions and three spacewalks: “Asteroid Day is a great opportunity to invite the public to learn more about near-Earth asteroids, and to invite their support of international efforts. We study asteroids both to protect the Earth and to protect valuable resources for future exploration toward Mars.”

“On Asteroid Day, we share the latest information on the search for near-Earth asteroids that might pose a threat to our planet, and discuss the space technologies we might apply together to help prevent

a cosmic disaster. I'm especially interested in the joint NASA-ESA programs DART and HERA to demonstrate how we can deflect a near-Earth object.”

SPONSORS' QUOTES

Marc Serres, CEO Luxembourg Space Agency: “Luxembourg is proud to be the global headquarters for Asteroid Day and to aid in inspiring countries around the world to participate in this United Nations Day of education and awareness.”

Carlo Thelen, CEO, Luxembourg Chamber of Commerce: “Luxembourg is the place where sky is no longer the limit for space entrepreneurs and talents.”

Marco Fuch, CEO, OHB SE: "Asteroids concern us all – no matter where on Earth we live. There are countless objects in our solar system that would wipe out all life on Earth in the event of a collision. Yet very few people are aware of this danger. That is one of the reasons why I am an ardent supporter of Asteroid Day. And even fewer people know that we are currently developing ways of defending Earth against asteroids. Space technology is undoubtedly the key to this. Dangerous asteroids must not only be detected early, but we also need methods to actively protect the Earth. For this, it is incredibly important that we work together across national borders and set up missions to learn more about asteroids. DART and Hera are a first step in the right direction, and I firmly believe that in the coming years there will be more missions to come.”

Yves Elsen, President, GLAE: “Asteroid Day provides a platform to educate people of all ages about asteroids, space science, and related topics. Sponsoring such an event supports educational initiatives, workshops, seminars, and public lectures aimed at fostering interest and engagement in science, technology, engineering, and mathematics fields. This can inspire young minds, promote scientific literacy, and potentially encourage future careers in relevant disciplines.”

Hussein Rifai, Founder and Executive Chairman, Perpetuity Capital: “Perpetuity is proud to sponsor this event. We believe this event will raise the awareness of one of humanity latest frontiers; space in general, our solar system and asteroids travelling through our solar system more specifically. At some point in the not-too-distant future, humans will stop looking at asteroids as a potential danger to our earth, but it will become asteroids will be considered vast resources that can assist in space exploration and the development of the human race.”

Ruy Pinto, Chief Technology Officer, SES: “Space and science have been an endless source of inspiration for SES! This is one of the reasons why we and our partners continue to do extraordinary things in space to deliver amazing experiences everywhere on earth. Through satellite broadcasting, we are able to reach millions of TV households and this enables us to unite people around science, space, and technology topics.”

“At SES, we value technology as a tool to positively impact and transform lives. We are proud to be a partner in this global awareness campaign to learn about asteroids, both the impact hazards they may pose and the resources they may one day yield. By leveraging multiple satellites, we are using the power of our global reach to deliver this important programming to millions of TV homes.”

Björn Ottersten, Director, SnT: “SnT is proud to support Asteroid Day and the Asteroid Foundation. Human activities on Earth are impacted by the origins of our solar system and Asteroid Day brings awareness to this topic every year,” said Björn Ottersten, director of SnT. “SnT’s research activities in the space domain, from space debris to deep space communications, give us an in-depth perspective of the Asteroid Foundation’s mission, and the importance of their work.”

Gerard Hoffman, Managing Director, Telindus: “In recent decades, society’s reliance on space missions has increased significantly leading to their attractiveness as targets to threat actors due to the potentially high reward involved in compromising space systems. Today, security and innovation are two major issues in the world of new technologies. Telindus has developed cybersecurity in the space industry since more than decade now; from their secure development to the automatization of their cybersecurity testing. Telindus worked and works on the creation of solutions that answer to the different security needs of this sector. Supporting and be part of an international event about the space like the Asteroid Days, was self-evident to us.”

Bogdan Gogulan, CEO, Managing Partner, Newspace Capital: “As important contributors to the Luxembourg space ecosystem, Newspace Capital is proud to associate itself with the Asteroid Foundation in its aim to create awareness about the Asteroid related research and to foster educational efforts in the domain of space.”

Kyle Acierno, Managing Director, OffWorld: “As the Managing Director of OffWorld Europe, I am proud of our involvement in Asteroid Day, a United Nations sanctioned event dedicated to raising public awareness about the responsible use of asteroid resources. As a key player in Luxembourg's thriving space ecosystem, we are committed to the development of an autonomous robotic workforce designed to operate in extreme environments, including asteroids. Our work aligns seamlessly with the goals of Asteroid Day, and we are excited to contribute to this global conversation right here in Luxembourg. We hope that our participation will inspire and attract the next generation of engineers and scientists to explore the exciting domain of space resources utilization. Together, we are opening up new frontiers for humanity and making space more accessible and sustainable for future generations.”

EXPERTS & SCIENTISTS’ QUOTES

Dante Lauretta, Professor of Planetary Science, University of Arizona: “Asteroid represents humanity’s growing awareness of the opportunities that exist in near-Earth space. Our future depends on our ability to identify, characterize, and ultimately travel to these asteroids.”

Peter Brown, Professor, University of Western Ontario: “Asteroid Day reminds us we are literally connected with the rest of the Universe. Earth is not an isolated System.”

Mark Boslough, Technologist, Sandia National Labs: “We need to study asteroids because they are scientifically interesting, potential resources, and exciting objects for space exploration.”

Sigrid Close, Assistant Professor of Astronautics, Stanford University: “By studying asteroids, we can understand how hypervelocity objects ablate, ionize and form plasma that then interacts and influences the background atmosphere and ionosphere.”

Eric Christensen, Director, Catalina Sky Survey: “Studying asteroids allows us to look both backward and forward in time; they inform our understanding of the birth and evolution of the Solar System, and potential future impacts present an incentive to catalog and characterize the risk they pose to human populations.”

Patrick Michel, Lead Researcher, CNRS: “Considered the building blocks of our planets, asteroids provide us with tantalizing glimpses of the earliest nature of our solar system. Moreover, asteroid collisions have to be seen as representing an important threat against human efforts in space, which in an extreme case, could even lead to the destruction of our biosphere. Thus, asteroids matter much to scientists, to explorers, and to the future of humanity.”

Christian Koeberl, Deputy Head, Department of Lithospheric Research, University of Vienna: “Asteroids (and their messenger to Earth, the meteorites) are witnesses of the origin of the solar system and tell us about physical and chemical processes at that time. Asteroid Day helps to educate us about impacts on Earth and elsewhere and their scientific importance.”

Lynne Jones, Research Associate, LSST: “Asteroids are remnants of the planet formation processes in our Solar System and by studying their orbital distribution and chemical composition, we can learn about how planets formed and evolved over the history of the Solar System.”

SPONSORS BOILERPLATES

About Luxembourg Chamber of Commerce:

The Luxembourg Chamber of Commerce is a local organization of businesses and companies in Luxembourg Kirchberg with the intention to develop and further the interests of local companies and businesses in Luxembourg. Many businesses are international operating companies with offices in Luxembourg. Its members include international and local operating companies, such as lawyers, property developers, tourism companies, airlines, manufacturing companies, import and export businesses, banks, finance companies, legal advisors, IT and electronics manufacturers etc. the Luxembourg Chamber of Commerce’s main activities are, among others: safeguarding business interests and sharing business experiences and business interests, contact with governments, civil society, local media and the press and organizing trade shows and events. cc.lu

The main role of the Chamber of Commerce is to protect and promote the interests of businesses and the economy of Luxembourg. To enable it to fulfil this mandate, it has been granted the status of a public establishment, which comes with some significant prerogatives. Since membership of professional businesses is mandatory in Luxembourg, the Chamber of Commerce has high rates of affiliation, with 90,000 member companies, corresponding to 75% of the country’s total salaried employment and 80% of Luxembourg’s GDP, making it the biggest employers’ group in the country. It represents all businesses in Luxembourg except those in the artisanal and agricultural sectors.

The Chamber of Commerce implements projects and infrastructures for sustainable and prosperous economic development and therefore consists of several entities, such as:

House of Entrepreneurship

Launched in 2016 by the Chamber of Commerce and the Ministry of the Economy as a single point of contact for existing and new entrepreneurs, the House of Entrepreneurship offers a wide range of services.

House of Startups

Innovation hubs, incubators, business accelerators and startup consulting services are all under one roof at the House of Startups (HoST), launched by the Luxembourg Chamber of Commerce in 2018. Several major hubs are already in place: the Luxembourg House of Financial Technology (LHoFT), the newly created Luxembourg-City Incubator (LCI), initiated by the Chamber of Commerce in cooperation with the City of Luxembourg, Groupe Crédit Agricole's international incubator, and the International Climate Finance Accelerator (ICFA).

House of Training

Launched in 2015 by the Chamber of Commerce and the Luxembourg Bankers' Association (ABBL), the House of Training trains thousands of people in a variety of fields such as banking and finance, entrepreneurship and management, law, industry marketing, human resources and many more.

House of Sustainability

The House of Sustainability, which officially launched on 21 April 2023 as a one-stop shop for all sustainable development solutions in Luxembourg, offers and guides companies toward an all-inclusive service offering available in Luxembourg to support their sustainable transition.

About GLAE - Luxembourg Space Industry Association:

The Luxembourg Space Industry Association GLAE (Groupement luxembourgeois de l'aéronautique et de l'espace) was founded as a non-profit making organization in February 2005.

The setting up of GLAE follows on from the Grand Duchy of Luxembourg's adhesion to the European Space Agency (ESA) and offers Luxembourg companies the opportunity to create synergies at the national and European level for both private and public sector.

GLAE is a member of FEDIL – The Voice of Luxembourg's Industry and has the objective to provide a permanent link between its members and to defend their shared interests. GLAE is an important interlocutor of the Government and a key partner of the Luxembourg Space Agency – LSA for addressing all questions in relation to initiatives taken by the authorities in the framework of ESA programmes and establishment of a space policy in the Grand Duchy of Luxembourg.

GLAE gathers the following Luxembourg companies: GRADEL, HITEC Luxembourg, ispace Europe, LuxGovSat, LuxProvide, LuxSpace, POST Luxembourg, RHEA System Luxembourg, SES, Telindus Luxembourg.

www.glae.lu

About GRADEL:

GRADEL is an engineering company offering special machines for niche sectors such as Nuclear and Space. The company has recently developed its Sustainable Lightweight Design & Production centre under the brand of GRAM (Gradel Robotic Additive Manufacturing). GRAM enables weight savings up to 70% and has a huge potential for space applications.

About the Luxembourg House of Financial Technology (LHoFT):

[The LHoFT](#) is Luxembourg's dedicated Fintech centre where finance and technology interact to foster innovation and develop solutions to shape the future of financial services. Offering Fintech incubation, co-working and a soft-landing platform, the LHoFT also connects, engages with and creates value for the broader Fintech ecosystem: financial institutions, IT industry, investors, research and academia as well as regulatory and public authorities.

About NewSpace Capital:

[NewSpace Capital](#) is a global Private Equity firm that invests in growth-stage companies across the space technology ecosystem. It provides financial support for founders and entrepreneurs working to tackle the greatest problems humanity faces, from the climate crisis to threats to sustained economic and social development.

The firm's focus areas include building and manufacturing components, broadcasting and communication, earth observation, navigation, and emerging segments. By investing in the supply chain and applications segments of the space tech ecosystem, NewSpace taps into a large market with a high number of underinvested and undervalued companies

About OffWorld:

OffWorld is a pioneering company dedicated to transforming the solar system into a habitable environment for human life and civilization. Our mission is to develop an autonomous, multi-species robotic workforce capable of performing complex tasks in extreme environments, on Earth, the Moon, Mars and asteroids. Our robots are designed to excavate, extract and process resources, and manufacture habitable structures, all with minimal human intervention. We are also reinventing Earth-based practices and technologies in the mining industry together with our Tier 1 mining customers, putting bots before boots and making this key industrial sector more productive and sustainable. In 2023 OffWorld Europe has undertaken extensive research and development in the field of processing lunar regolith and operating robots in the extreme environment of the Moon. Our future goals include the expansion of our swarm robotics capability to near-Earth asteroids and the Martian surface. OffWorld is at the forefront of space colonization, opening up new frontiers for humanity.

About OHB:

OHB SE is a German space and technology group and one of the leading independent forces in the European space industry. With many years of experience in the implementation of demanding projects, the OHB Group can offer its customers a broad portfolio of innovative products. Leveraging the expertise of around 3,000 highly qualified employees in Europe and overseas, the OHB Group is excellently positioned to face international competition and has made a name for itself as a reliable partner for government institutions and private companies.

OHB SE's activities are spread across three business units: **Space Systems**, **Aerospace** and **Digital**. While satellite systems and space missions are realised in the **Space Systems** segment, the **Aerospace** segment is a major supplier to the European aerospace industry. The third and newest business unit, **Digital**, combines launch services, satellite operations and the development of IT applications based on satellite data.

We.Create.Space.

About Perpetuity Capital

Perpetuity Capital Pty Ltd (**Perpetuity**) is an Australian Financial Services License (AFSL issued by the Australian Securities and Investments Commission (ASIC)) Australian corporate advisory, property advisory and funds management business that holds.:

Services: Perpetuity through its various subsidiaries offers a range of financial services in the areas of corporate advisory, property advisory and funds management. These services cater to both institutional and private clients, providing them with expert advice and solutions for their financial needs.

- *Corporate Advisory:* Perpetuity specialises in corporate advisory services, assisting clients in strategic decision-making, mergers and acquisitions, capital (debt and equity) raising, and corporate restructuring. Perpetuity works closely with businesses to optimise their clients' financial position, enhance shareholders' value, and achieve their growth objectives.
- *Funds Management:* Perpetuity through its subsidiary Perma Funds Management Pty Ltd (Perma) manage investment portfolios on behalf of individuals, families, and institutional investors. The private equity funds it operates provide turn around and high growth investment equity to organisation in Australia and around the world. Perma achieves above market results utilising its expertise in identifying investment opportunities, managing risk, and delivering sustainable returns.
- *Corporate Authorised Representative (CAR:)* Perpetuity issues CAR licenses to selective financial institutions to conduct limited financial services which it authorises under its CAR.

Clientele: Perpetuity serves a diverse clientele, including corporations, institutional investors, high-net-worth individuals, and family offices. They tailor their services to meet the specific needs and objectives of each client, providing personalized financial solutions.

Expertise and Team: Perpetuity boasts a team of experienced professionals with extensive knowledge and expertise in the many industries. They combine their skills in finance, investment analysis, and strategic planning to deliver comprehensive advisory and fund management services.

Long-Term Relationships: Perpetuity places a strong emphasis on building long-term relationships with its clients and aims to become trusted partner, providing ongoing support and guidance throughout the clients' financial journeys.

About SnT:

The Interdisciplinary Centre for Security, Reliability and Trust (SnT) at the University of Luxembourg conducts internationally competitive research in information and communication technology. In addition to long-term, high-risk research, SnT engages in demand-driven collaborative projects with industry and the public sector through its Partnership Programme. The resulting concepts present a genuine, long-lasting competitive advantage for companies in Luxembourg and beyond. <https://www.uni.lu/snt>

About Sofitel Luxembourg:

When entering the Sofitel Luxembourg Le Grand Ducal, our Ambassadors will welcome you to offer an exceptional experience in the heart of the capital city of Luxembourg.

Unique stay, elegance, modernity and gastronomy are the key elements for you to discover a different way of luxury.

Our top floor offers a magnificent view over the old town and Unesco classified monuments and welcomes you in the Restaurant Mu Luxembourg to travel around the world with the menu of the Executive Chef Sebastien Perrot.

The adjacent bar l'Observatoire offers the most innovative and fancy cocktails of Luxembourg with a festive ambiance and incredible sunset views.

About Telindus:

Telindus is a brand of Proximus Luxembourg.

Founded in 1979, Telindus accompanies all organizations in their digital transformation, by providing holistic ICT & Telecommunication solutions, as well as tailored support services. Its areas of expertise include Telecommunication Services, ICT Infrastructure, Multi-Cloud, Digital Finance Solutions, Cybersecurity, Business Applications, Managed Services and Training. Always in search of innovation, Telindus works daily to boost the growth of its customers.

www.telindus.lu

About SES:

SES has a bold vision to deliver amazing experiences everywhere on earth by distributing the highest quality video content and providing seamless connectivity around the world. As the leader in global content connectivity solutions, SES operates the world's only multi-orbit constellation of satellites with the unique combination of global coverage and high performance, including the commercially-proven, low-latency Medium Earth Orbit O3b system. By leveraging a vast and intelligent, cloud-enabled network, SES is able to deliver high-quality connectivity solutions anywhere on land, at sea or in the

air, and is a trusted partner to the world's leading telecommunications companies, mobile network operators, governments, connectivity and cloud service providers, broadcasters, video platform operators and content owners. SES's video network carries over ~8,200 channels and has an unparalleled reach of 369 million households, delivering managed media services for both linear and non-linear content. The company is listed on Paris and Luxembourg stock exchanges (Ticker: SESG). Further information is available at: www.ses.com