

2025



Toolkit for new and existing signatories



Planet Earth is unique. It is ours.

And it is a gift, vibrant and full of life that we must cherish

Pushed by our human nature to explore the far boundaries of our Universe, we realise, looking back at Earth, just how fragile our world is and finite are its resources. There is only one planet that we may call home, and we must take care of it. Living within the limits of our planet is a global challenge that requires humankind to act as one in order to preserve our home for generations to come.

As such, our objective is to provide for a foundation for the sustainable, long-term economic development of the space sector and to increase the contribution of space activities to the sustainable development of society¹.

We resolve to ensure that the principles and values put forward in this Statement guide our actions and activities, thus contributing and leading to sustainable development of society while protecting the natural environment and life on Earth and preserving the environment of outer space.

Vision

Thus, we intend to increase the contribution of projects led by the space sector to the sustainable development of society and work towards the socially and environmentally responsible management of all activities within the space sector, while fostering progress towards the principles and values set forth hereafter. Further, we intend to foster cooperation among European space actors, making best use of available resources and expertise, and avoiding duplication of efforts.

Principles

- **For fair and responsible governance**, we will adopt similar approaches to space use and exploration, coordinating knowledge and resources.
- **For the benefit to all of society**, we will lead developments to further human progress in space sciences and technologies and use them with due care given to local communities as well as all actors in the space sector value chain of which we are a part.
- **For fair access to outer space**, in the spirit of the Outer Space Treaty, we will endeavour to act by consensus on the basis of peaceful relations. Furthermore, we will apply best practices with respect to space debris mitigation. In addition, we will explore and use extra-terrestrial environments in a responsible and sustainable manner.
- **For the preservation of our natural environment on Earth and remediation of damages caused to our planet**, we will develop space missions to increase awareness of and to monitor environmental issues on Earth, fighting climate change, protecting biodiversity and restoring ecosystems, while ensuring long-lasting and equitable access to natural resources. We will develop space missions and products for institutional and commercial use following the best available practices, minimise the environmental impact of the space sector and use of natural resources.
- **For a fair society and improved wellbeing of all**, we will ensure that our activities have a social and economic impact that contributes to the welfare of human society. Moreover, we will aim to foster health, safety and security for all. We will respect and actively promote Human Rights and Children's Rights and support diversity and inclusiveness, paying particular attention to groups marginalised on the basis of any kind of discrimination.

Engagement

To achieve our vision in accordance with the principles and values, set forth in this Statement, it is our intention to reinforce and further develop cooperation together with and among the European space actors. To this end we will endeavour to coordinate our efforts in areas of common interest.

Values

Integrity

We build inclusive, respectful relations where each actor in the space community is valued.

Our efforts to be accountable to society for our actions and activities within the space sector enhance honesty and responsibility.

Identity and Inclusiveness

The space community relies on multiculturalism and harmonious international collaboration.

The considerable diversity of our backgrounds provides for a great strength that contributes to the versatility of the space sector.

Creativity and Curiosity

Our passion, imagination, creativity, competence and commitment allow us to overcome extraordinary challenges.

By pushing the boundaries of knowledge further, space can lead the way in inspiring ideas for the future.

Excellence

Our activities and projects are often characterised by their highly sensitive aspects and are extremely complex in nature.

Therefore, they require the right level of reliability that matches their purpose and which we ensure by carefully maintaining scientific, technical and industrial excellence.

¹ The Statement refers to Sustainable Development as defined through 150 26000



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our motto

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ENGAGEMENT

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Key visuals

¹The Statement refers to Sustainable Development as defined through ISO 26000.

To support communication around the initiative, a set of dedicated key visuals has been developed. These materials are available to all members and can be freely used in presentations, reports, promotional materials, and other communication efforts. Key visuals are available for download on the [Statement SharePoint](#) in two versions: light and dark.

Note that whenever these visuals are used, the resulting materials must always align with the [Ways of Working](#) and the core message of the Statement. This ensures a consistent, coherent, and values-driven representation of the initiative across all communication channels.

3



Key messages

Actors of the space sector publicly commit to joining forces and taking increasing, concrete action toward a more responsible space sector and the sustainable development of society

The Statement represents the most extensive cross-sector sustainability initiative in the space domain-bringing together space operators, supply chain actors, national space agencies, technical experts, academics, and civil society.

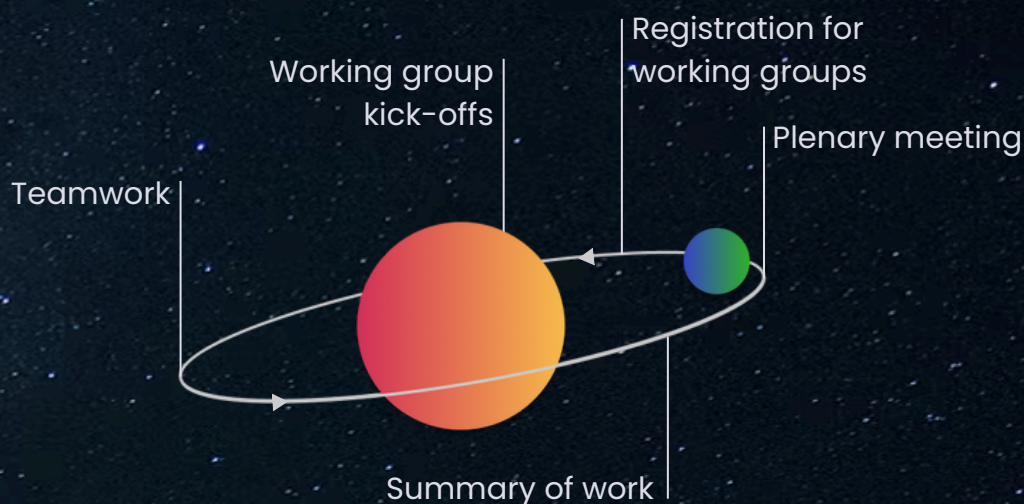
From Earth, Earth orbit to deep space, the Statement promotes an integrated approach to sustainability - addressing environmental stewardship, societal responsibility, and ethical integrity.

The following key messages have been developed to support communication around the initiative for a more sustainable space sector. Their goal is to increase awareness among stakeholders across the space sector and attract new signatories to join the effort. These messages can be used in external communication - in promotional materials, social media, presentations, and during outreach activities - to ensure clear, targeted, and consistent messaging across different parts of the space community.

4



Yearly initiative cycle



I. PLENARY MEETING

Signatories will meet once a year at the Plenary, or more frequently if necessary. The meeting is held in a hybrid format and is hosted by the current Chair of the Statement. The purpose of the Plenary is to welcome new Signatories, provide updates on current activities, discuss and prioritise future initiatives, explore the needs and expectations of Signatories, renew their commitment to the Statement, and consider adjustments to the Statement or related documents such as the Ways of Working.

II. REGISTRATION FOR WORKING GROUPS

As part of the preparation of the roadmap for the coming year, working groups are established. The Secretariat provides a registration form through which Signatories assign experts from their organisations to specific groups or activities.

III. WORKING GROUP KICK-OFFS

Once registration has closed, the Secretariat's Point of Contact reaches out to the members of the working group to arrange the date of the first meeting. During this stage, the leader or co-leaders of the working group are appointed.

IV. TEAMWORK

The group begins its work by pursuing the objectives outlined in the roadmap through workshops, meetings, and collaborative development of documents. Some groups operate for several months, while others may continue for up to a year.

V. SUMMARY OF WORK

Once the objectives of the working group have been achieved, the materials developed are shared with the entire community of Signatories. A summary is also prepared to be presented at the upcoming Plenary meeting.

More information can be found in the [Ways of Working](#).



Past & ongoing activities

2

European Space Sector Decarbonisation Roadmap (2nd phase):

The European space sector plays a critical role in addressing global sustainability challenges and is expected to lead by example in reducing its carbon footprint. This working group aims to collectively assess the sector's current GHG emissions, establish shared objectives, and identify priority actions for decarbonisation. By leveraging the expertise and data of all stakeholders, the working group will result in a coordinated roadmap for emissions reduction. It will include sector-wide targets, actionable steps, and relevant indicators to track progress. This initiative will provide the industry with a clear path to achieving climate goals.

1st phase was finished in 2023

2

Ecodesign and LCA in the space sector (2nd phase):

This working group aims to drive the European space sector towards the design of space products and services, minimising their impact on the environment throughout their life cycle. This WG aims to support and foster a coherent approach, use of common methodologies and tools across the European space actors and share studies results and best practices.

1st phase was finished in 2023

2

Greenhouse Gas (GHG) Scope 3 Methodology (2nd phase):

This working group aims to collectively define a methodology to assess upstream GHG emissions categories (purchase of goods and services) and downstream use of sold products through collaborative consultation with the industry to ensure accuracy and alignment with established processes. Knowledge sharing on best practices, challenges, data collection, emission factors, normalisation factors, etc., is also part of this working group.

1st phase was finished in 2024

1

Advancing Space Circular Economy (1st phase)

Space circular economy is essential for sustainable and efficient operations, with growing focus on refurbishment, recycling, and in-orbit manufacturing. This working group will explore these key areas to identify priorities and actionable pathways for the sector. By engaging the full value chain of the Statement signatories, the working group will explore critical equipment, typical failures, opportunities for recycling taught by Earth-based practices. Participants will share insights to build consensus on technological and process-related priorities for advancing the circular economy in space. The findings will guide future R&D efforts and inform collaborations with other initiatives, such as Zero Debris Charter.

During the plenary meeting, a decision may be made to continue the working groups. In such cases, the group enters the 2nd phase. If the group completes its objectives, it is granted the status "completed". In addition to the working groups, there are also other Statement activities (referred to here as "A"), which are either one-off or recurring events, usually focused on a specific issue.

Phase

Past & ongoing activities



Responsible procurement (completed)

The main objective of the Working Group was to define the first step of a responsible procurement approach for the European Space Agency and its value chain by establishing and publishing a CSR Code of Conduct.



Toolkit for new and existing Signatories (completed)

This working group focuses on creating a practical toolkit to help new and existing signatories in implementing the principles of the statement. The toolkit will provide practical resources, best practices, a summary of past and ongoing activities and a general presentation template for Signatories to use for consistent communication.



Activity: CSRD workshop

The workshop on Corporate Sustainability Reporting Directive (CSRD) & Taxonomy for the space sector addresses how signatories are impacted (now or in a near future) by the new EU reporting regulation (mainly industry and SMEs). The workshop provided both background information on CSRD & EU Taxonomy requirements, testimonies from CNES and ESA. It also aimed to share challenges and best practices to explore align reporting.



Activity: Lunch & Learns on Sustainability Initiatives

This activity aims to facilitate knowledge sharing among signatories. "Lunch & Learn" sessions will be organized quarterly on a voluntary basis, with topics and presentations offered by the signatories. These presentations will cover a range of subjects, including technical and regulatory concepts, challenges, solutions, and more. To enhance the collaborative spirit, these sessions will also include the opportunity to invite the signatories' teams and employees. This approach will make the sessions a valuable way to disseminate knowledge and foster sustainability and innovation through collaboration.

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Q&A Section

1 How were the joint principles and values of the Statement defined?

The Statement is the result of a two-year process, involving actors from the space sector. It started by benchmarking already published values and principles of the most important actors within the space sector and proceeded through a continuous dialogue among the future signatories until its official launch, in November 2022.

2 Are the Statement for a Responsible Space Sector and the Zero Debris Charter the same thing?

No, the Statement for a Responsible Space Sector and the Zero Debris Charter are not the same. The Statement is a broad commitment to sustainability in the space sector, covering areas such as decarbonisation and responsible practices. In contrast, the Zero Debris Charter is a technical, community-driven initiative focused specifically on eliminating space debris by 2030. While both aim to promote sustainability and responsibility in space, the Statement sets general principles for the sector, and the Charter defines measurable, debris-related targets. They are complementary efforts but differ in scope and focus.

3 Is the Statement binding? Are there any consequences or penalties for companies that breach the principles and values of the Statement?

The Statement is not legally binding but is instead a public commitment to the principles of the Responsible Space Sector. While there are currently no legal or financial consequences if a signatory does not adhere to the principles set out in the Statement, the Secretariat has the authority to withdraw a company's signature in the case of severe breaches of the statement principles.

4 Does the Secretariat check whether signatories' activities align with the Statement's principles and values?

Currently, the Statement Secretariat requires companies wishing to sign to prepare and submit a short description explaining why the Statement is important to them and how their ways of operating and business model align the Statement principles.

5 Is this only for European stakeholders, or anyone can sign it?

The Secretariat encourages international space actors to join the Statement's vision and community. To date, it is acknowledged that mainly European entities have signed and are participating to the Statement. However, as the global space industry continues to move collectively towards sustainable space, it is expected that more non-European entities will join the community.



6 How do the signatories concretely engage for sustainability by signing the Statement?

Once the Statement is signed, the Signatories become part of a community. This represents a public commitment, and they are invited to contribute to various activities – such as working groups, plenary meetings, and other initiatives – developed within the framework of the Statement. They are then expected to apply the relevant resulting requirements, expectations, and recommendations. Furthermore, Signatories engage by sharing best practices with the wider community, fostering collaboration and mutual learning. They also report on the sustainability actions they have undertaken, reinforcing both their commitment to the Statement and their accountability.

7 How does this Statement reflect and support the European and global approaches to sustainability?

The Statement has been developed in alignment with key European and international sustainability frameworks, notably the European Green Deal and the United Nations Sustainable Development Goals (SDGs). In the context of outer space activities, the Statement is also consistent with the United Nations Guidelines for the Long-Term Sustainability of Outer Space Activities, thereby supporting internationally recognised efforts to ensure the responsible, safe, and sustainable use of space.

8 How is this Statement contributing to reducing the environmental impact of the space sector?

The signatories of the joint statement engage in acting towards sustainability through their participation to different working groups where they collaborate to define shared objectives, establish common targets and actions to reduce the environmental footprint of the space sector.

9 How is the Statement contributing to 17 UN Sustainable Development Goals?

The Statement directly contributes to Sustainable Development Goal 17 – Partnerships for the Goals – by fostering collaboration, knowledge exchange, and joint action among a diverse range of space stakeholders. By enabling Signatories to integrate shared insights and responsible practices within their own organisations, the initiative also supports progress across the broader set of Sustainable Development Goals.

To learn more about how space can contribute to the implementation of the 2030 Agenda for Sustainable Development, visit: <https://www.unoosa.org/oosa/en/ourwork/space4sdgs/index.html>

9



Communication materials



Presentation layouts



Use them when presenting progress within the working group, introducing the initiative to colleagues in your organisation, and sharing it with external partners or stakeholders.

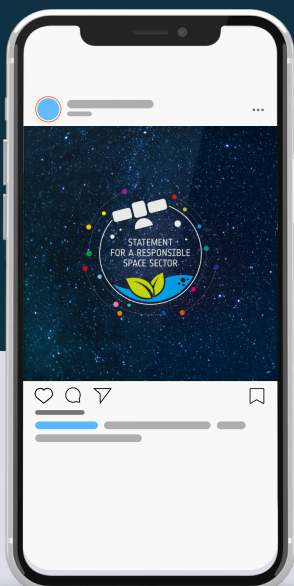
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10



Boilerplates for:

- Social media
- Press release
- Website



Hashtags:

#ResponsibleSpaceSector

#Responsibility

#Statement

#Space

#SpaceForEarth

#Sustainability

#Action

Communication materials



To give consistency to the publications related to the Statement, boilerplate should be integrated at the end of each post on social media, press release and website.

• FOR SOCIAL MEDIA:

Actors of the space sector commit to joining forces and engage increasing concrete actions for a more responsible space sector and a sustainable development of society.

• FOR PRESS RELEASES:

About the Responsible Space Sector

[Company X] is a signatory of the Statement for a Responsible Space Sector and a member of its collaborative platform. This initiative supports sustainable practices on Earth, in orbit, and beyond.

By endorsing the Statement, space sector stakeholders affirm a shared responsibility to foster a sustainable space future. This includes a holistic commitment to environmental stewardship, social responsibility, and ethical governance.

Learn more at: <https://www.responsiblespacesector.com/>

• FOR WEBSITES (Accompanying the Statement logo):

The Statement for a Responsible Space Sector initiative supports sustainable practices on Earth, in orbit, and beyond. By endorsing the Statement and participating in its collaborative platform, space sector stakeholders affirm a shared responsibility to foster a sustainable space future. This includes a holistic commitment to environmental stewardship, social responsibility, and ethical governance.

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Signatory Timeline

2022

ESA
CNES
FFG
UKSPACEAGENCY
DLR
ARIANEGROUP
THALESALENIASPACE
AIRBUS Defence and Space
OHB SE (OHB Group)
TELESPAZIO
AVIO
SME4SPACE
PLASMA BOUND Ltd Ireland
EDGISE // EDGX
PLANETEK (Italy)
ESPI
ISU
MAIA-SPACE
SSCSPACE
INMARSAT
EUTELSAT
SES
Leonardo

2023

NOSA
POLSA
Astroscale Ltd in the UK (ASUK)
Arianespace
KAYRROS (French company)
Absolut Sensing (French)
Planet
Isar Aerospace
ExoLaunch GmbH
NorthStar Earth & Space
ENPULSION GmbH
Open Cosmos
AstroAgency
GlobeEye
ICEYE (Finland)

2024

Sustainable Space Economy
Aurora Propulsion Technologies
Space Wales
Serco
Latitudo 40
Frost&Sullivan
Star Helix
Pan Galactic
Fire Arrow Limited
Skyrora Ltd
Environmental Task Force
ThinkTank Maths Limited
Institute on AI for Space Sustainability
Uplift Aerospace
Vistamorph Ltd.
Wozify Technologies Ltd
Aurora Environmental Consulting Limited
Aero Space Kinross
ASI
PT Space
SNSA
EPFL Space Center
Cosmos for Humanity
Institute of Space Studies of Catalonia (IEEC)
KSAT - Kongsberg Satellite Services
CisLunar Industries
SLIMOP Space
Augusta Abogados
YPlasma Actuators Technologies, S.L.
Spascat Technologies
GPA Space
Pangea Aerospace
isardSAT
Osmium
Sateliot
Kreios Space SL
Luxembourg
Netherlands Space Office
Romanian Space Agency
BELSPO



2025

Ministry for National Economy – Hungarian Space Office
Hungarian Research Network (HUN-REN)

Óbuda University

AS23.Space Technologies Ltd

UK Launch Services Limited

Pharos Space Technology Ltd

amentum

Inno Forge

CATALYST

Thistle Rocketry

Astraius Limited

Spaceflux

Space Aye

CloudFerro S.A.

Creotech Instruments S.A.

Scanway sp. z o.o.

AGH University – Faculty of Space Technologies

Radmor S.A.

ELPROMA

The Exploration Company

GMV

CAVU AEROSPACE

OrbiSky

REACHLaw

2025



The document was prepared within the working group "Toolkit for New and Existing Signatories" under the Statement for a Responsible Space Sector:
2025