

Zero Debris Booklet

Next Steps

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Agenda



- 1. Preparation of Issue 1
- 2. Next Steps with the Booklet
- 3. How to contribute to the Booklet
- 4. Zero Debris Week



Preparation of Issue 1

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→ THE EUROPEAN SPACE AGENCY



Where we want to be by 2030?

Zero Debris Charter



Published in Oct 2023



Signature ceremonies through 2024



~ 163 signatories in Jan 2025



How to get there?

Zero Debris Technical Booklet

How can the booklet be useful for each organisation? As a support for:

- Defining sustainability strategy and priorities
- Engaging with the community for collaboration
- Identifying contributions and needs



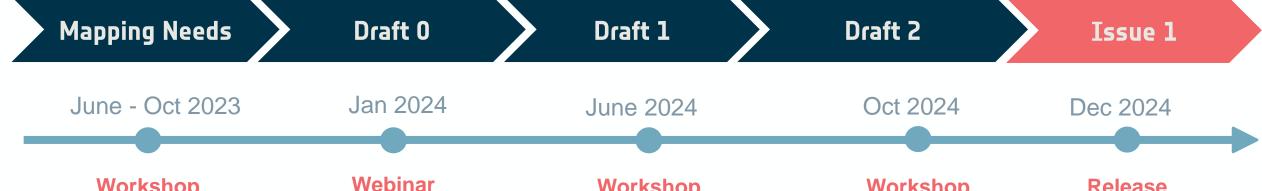


ZD Week – June 2024

Timeline of the Zero Debris Booklet







Workshop
Clean Space Days 23
Mapping of inputs and needs
from survey

Online
Draft 0 circulated
among the registered
partners for inputs

Workshop
Zero Debris Week
2-day workshop to discuss inputs
received between Jan-May 24

Workshop
Clean Space Days 24
Discuss final text

Release
Online
Published to ZD Community

Zero Debris Booklet Community



Contributors to the Booklet include:

- Operators
- Large System Integrators
- SmallSat Integrators
- Launch Providers
- Researchers
- Regulators

- Agencies
- Startups
- Suppliers
- Constellation operators
- SSA Providers
- Astronomers

20 experts from different companies were part of the working groups for the final draft of the Booklet:





























Booklet Workshops during the Zero Debris Week ESOC, June 2024

ESA's Role in the Booklet





ESA is a facilitator and contributor

- ESA is Provides support to the community, in particular during this initial phase.
- The Booklet development with the highly collaborative Editing group already represented a step towards sharing the facilitator role within the Zero Debris community.
- Now, it is time to go even further on distributing the Zero Debris initiatives so that everyone can bring in even more of their specific expertise and insights.



Next Steps with the Booklet

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Next Steps with the Zero Debris Booklet



ZD booklet codevelopers

Call for volunteers
for each technical
domain
lead

Form the
Technical Booklet
Steering Group

Technical Domains based on
ZD Booklet Chapters

Possibly also deputy lead

8-10 people (TBC)





How to Contribute to the Booklet

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Zero Debris Booklet Survey



We have opened a survey to contributors to the Zero Debris Technical Booklet to gather inputs on how to take the next steps with the Booklet.

This survey will allow you to:

- Highlight your organisations' contributions to Issue 1 of the Zero Debris Booklet
- Confirm your involvement in future issues of the Booklet.
- Provide feedback on the proposed governance of the Booklet
- Propose agenda items for the Zero Debris Week

The survey is open now and we will be accepting inputs until:

March 6th 2025 18:00 CET.

Zero Debris Technical Booklet -**Next Steps**

https://forms.office.com/e/HKtEdsum0h

Call for Volunteers – Technical Domains



We will open a call for volunteers for Technical Domains by the end of Q1. To receive this invitation, please complete the survey shown on the previous slide.



Objectives

- (Re)Introduce organisational structure, technical domains, roles & responsibilities
- Call for volunteers for technical domains



Audience & Format

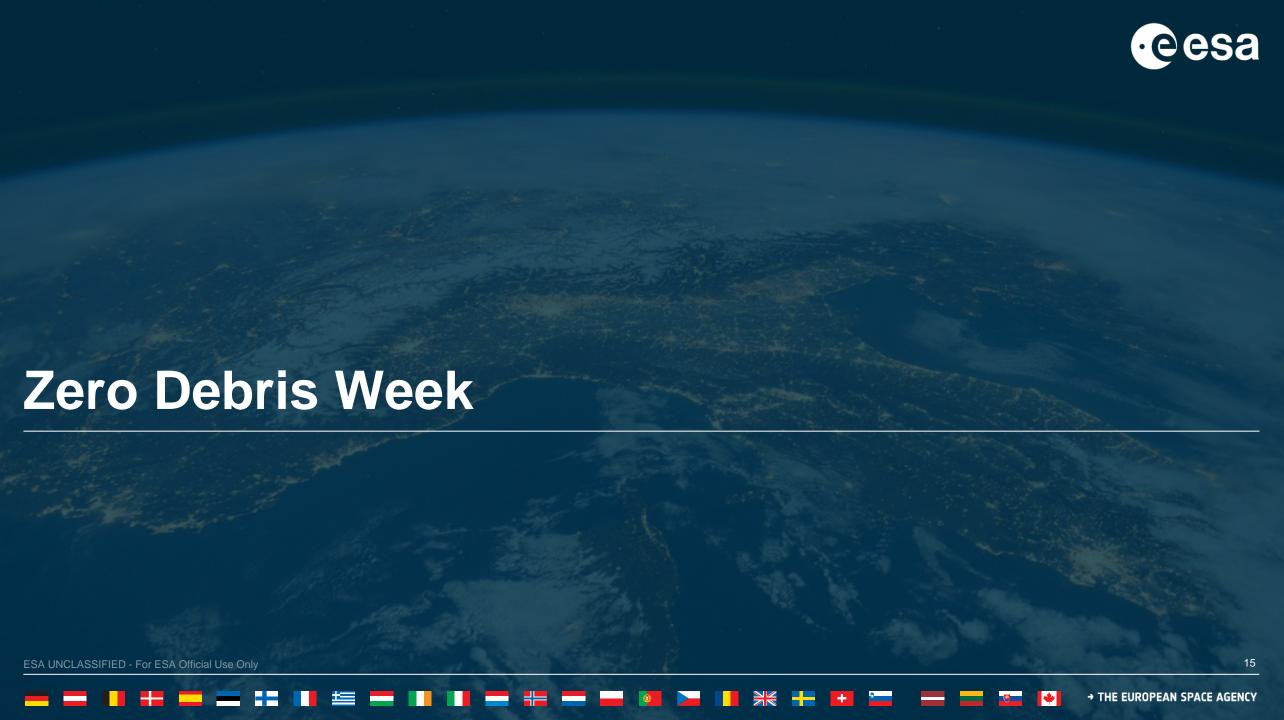
- Current ZD Booklet Editorial Group
- Volunteers identified via the survey

Do you want to contribute to the Booklet?



Please fill out the survey!





Zero Debris Week



Zero Debris Symposium

- 1. High-level discussions on non-technical aspects of the Zero Debris initiative
- 2. Discuss future orientations of the Zero Debris initiative and its community
- Analyse challenges related to space debris from commercial and policy perspectives

Technical session on Zero Debris Booklet

- How different organisations are using the Booklet e.g.:
 - To inspire internal initiatives, R&D roadmaps and policies
 - Booklet needs and enablers being addressed by each organisation (survey inputs will help with preparing templates)
- 2. Agree on future governance of the Booklet
- 3. Elect Steering Committee
- 4. Define roadmap for improvement and update of the Booklet
- 5. Establish community tools to improve collaboration





