



Partnership offer with the MELISSA Project

**CURRENT AND
FUTURE WAYS TO CLOSED
LIFE SUPPORT SYSTEMS**

**2025
MELISSA
CONFERENCE**

OCTOBER
7-9
GRANADA
(SPAIN)

CREATING A CIRCULAR FUTURE

MELISSA
FOUNDATION

esa
European Space Agency

The poster features a central image of an astronaut in a full space suit standing in a field of tall grass under a dark sky with a full moon. The astronaut's suit has "MELISSA" written on the chest. The background is a dark blue gradient with green dotted patterns on the sides. The text is arranged in a clean, modern layout with a mix of white and orange colors.

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About the European project of circular life support systems

For 35 years, the **European Space Agency (ESA)** has been active in the field of regenerative life-support systems, through the MELiSSA (Micro-Ecological Life Support System Alternative) Project, the European circular life-support system project.

Future **human exploration missions** to deep space will require considerable amounts of **water, oxygen and food** and will generate significant amounts of **waste**. To enable such missions, it is therefore imperative to aim for enhanced autonomy, i.e. to minimise the terrestrial resupply of resources and to maximise on-board waste recycling.

The MELiSSA Project, initiated in 1987 after a preliminary flight onboard the Chinese “Long March” rocket, therefore studies the recycling all the waste from a space mission to meet the vital needs of astronauts. The challenge is to develop an artificial ecosystem (which supports astronauts on board during long space journeys) that can reproduce the main functions of the Earth, in a reduced mass and volume, but with extreme safety.

Transforming all waste, managing chemical and microbiological contaminants, using sunlight as a source of energy, and of course supplying oxygen, water and food to the astronauts during long space missions, are the challenges being studied by ESA and its partners.

Today, the MELiSSA Project is often cited as the **most successful example of circular system**, resulting in numerous technology transfers from space to Earth (environment, agri-food, life sciences). Examples include the recycling of grey water at the Concordia Station in Antarctica and at the Roland Garros tennis tournament or the recycling of yellow water at ESA Head Quarters. For technology transfer, the two collaboration agreements, signed with the BELEM Foundation and Caux Seine Developments respectively, are also worth mentioning.

About **50 organizations** (companies, universities, research centers, space industries, etc.) are involved in the project. **16 partners** have signed a memorandum of understanding.

Today, the MELiSSA partners are from Belgium, France, Italy, the Netherlands, Norway, Spain and Switzerland..



About the MELiSSA Foundation

« MELiSSA is internationally recognized as the most advanced effort to develop closed loop life support systems. »

The MELiSSA Foundation is a non-profit organization created in 2014 by the MELiSSA Consortium. The Foundation manages a fund dedicated to the support of MELiSSA PhD and post-doctoral students. Their research is focused on circular life support technology, with the aim of enabling long-duration space missions, notably to the Moon and Mars.

The MELiSSA Foundation also hosts all communication and education aspects of the MELiSSA Project.

The Foundation's Board of Directors is composed of Rob Sutera LL.M (Managing Director) and Pr Claude Giles Dussap (Scientific Director). The committee evaluating the doctoral applications is composed of representatives of the MELiSSA Community, ESA and independent scientists.

The MELiSSA Foundation also organizes MELiSSA communication, MELiSSA conferences and outreach activities. The Foundation furthermore plays an increasing role in the field of promoting terrestrial MELiSSA activities and acts as a contact point with many industrial partners.



About the European Space Agency (ESA)

The European Space Agency (ESA) is Europe's gateway to space. Its mission is to shape the development of Europe's space capability and ensure that investment in space continues to deliver benefits to the citizens of Europe and the world.

Exploring the Universe and sending satellites and humans into space in a secure and sustainable environment for all, are among the major challenges for developed nations in the 21st century.

This is why over 20 European countries have been pooling resources for over 50 years, putting Europe at the forefront of space science, technology and applications. Today, Europe's citizens enjoy the benefits, from jobs and economic growth, to public services, efficient communications, and security.

ESA's wealth of experience and track record of success, in elaborating and implementing space programs for more than 50 years, have allowed the Agency to continuously improve and adapt to its changing environment. In order to ensure the full integration of space into European society and economy, ESA regularly shares its experience with other European entities.



The MELiSSA Conference is a **major international event** in the field of research!

Discovering **innovative and unique projects** contributing to a **circular system approach**, this is the promise made to you by the organizing committee of this conference which will take place on **October 7-8-9, 2025!**

Come meet the different actors of the MELiSSA Project. **Dive into the world of space.**

Take advantage of this incredible **opportunity to interact with famous key speakers and researchers.**

About the MELiSSA Conference

In collaboration with ESA and the MELiSSA partners, the MELiSSA Foundation is now organizing the 8th international conference dedicated to « Closed Life Support Systems ».

Due to its dual interest for space and Earth applications, the MELiSSA community is constantly growing.

The success of previous MELiSSA conferences has built a strong and engaged community around the project. In 2022, we reached more than 300 participants, from all over the world, bringing together scientists, companies, universities, and students. The conferences greatly contribute to raise awareness and welcome both experts from various domains and inspired younger generation. These conferences are unique opportunities to listen to international experts from academia and industry. The 2025 edition of the MELiSSA Conference zooms in circular systems. It is the place to share and exchange about fundamental and applied research for space and Earth applications. All the following aspects: air, water, waste recycling, food production and preparation, modelling, control, safety, circular systems, education and societal impact, ... are represented.

The conference will highlight and foster the collaboration between researchers, engineers, experts, private and public organizations.

**Hybrid conference:
in-person & virtual
event!**

The 2025 MELiSSA Conference offers you the best of both worlds!

Our conference combines a live in-person event in Granada with a virtual experience online, allowing you to enjoy it from the comfort of your home or anywhere in the world.

Either way, live a unique experience and meet inspiring people from Earth & space sectors.



Event Highlight

EVENT NAME 2025 MELiSSA Conference: Current and Future Ways to Closed Life Support Systems.

EVENT DATE October 7 - 8 - 9, 2025

VENUE Parque de las Ciencias
Av. de la Ciencia, s/n.
Ronda, 18006 Granada, Espagne

ENTRANCE PRICE

	Students	Universities, research centers & start-ups	Companies
Early bird	200 €	500 €	600 €
Normal price	250 €	700 €	800 €

Deadline for early-bird registration: September 30, 2024

EVENT PURPOSE

The MELiSSA Conference is a European platform dedicated to closed life support system. It is the place to share and exchange thoughts on fundamental and applied research for space and Earth applications

TOPICS

CIRCULAR SYSTEM **WATER RECYCLING** **3D-PRINTING BIOMATERIALS**

FOOD PRODUCTION AND PREPARATION **CONTAMINATION CONTROL**

LIFE SUPPORT SYSTEM **SYSTEM ENGINEERING** **WASTE RECYCLING**

EDUCATION **SOCETAL IMPACT** **MODELING & CONTROL**

AIR REVITALIZATION **PLANT CHARACTERIZATION**

EVENT PROMOTION

1. Print Media (flyer, brochure, poster)
2. Website & mobile advertising
3. Search engine optimizing
4. Social media advertising

Partnership

Join us now and contribute to the growth of the MELiSSA community! This year, we are expecting a total of 400 participants from both public and private sectors, from all around the world. With each edition, this conference attracts more and more attendees.

The MELiSSA Conference is the recognized event to reach experts in engineering and science.

This is a unique opportunity to meet a community of international experts who all aim to respond to the human and environmental challenges.

If the MELiSSA Conference exists, it is also thanks to all the sponsors and partnerships built up over the past 35 years!



PREVIOUS SPONSORS



We offer YOU the opportunity to join a
UNIQUE on-site and digital network, and to
become an official MELiSSA sponsor.

Joining the event will ensure you maximum visibility, not only in Spain but all over the world!

Indeed, the MELiSSA Conference receives worldwide recognition, and is still growing.

The event is featured on Facebook, Instagram, X/Twitter and LinkedIn, but also on the MELiSSA Foundation newsletters and all its communication media, worldwide.

Organized by professionals from the event sector, the MELiSSA Conference is strategically designed to meet the expectations of all those physically or remotely present at the event.

In the context of circular systems, the MELiSSA Conference is a must. The best opportunity to promote your company or organization!

ORGANIZER



Sponsorship packages

GALA
15.000,00 €

1-minute video of your company during the Gala dinner with an introduction
On-site interview of your company published on our social media
A seat at the table of honor at the Gala
Logo at the end of the aftermovie

✓
✓
✓
✓

Presentation of your company on the first day (5 minutes)

✓

Your logo in the signature of the organizing committee

✓

Mention in the press release and opportunity to send a digital file to journalists

✓

Acknowledgement of the sponsors during the poster session awards

✓

Your company video published on our social media

✓

Logo on the menu/ center table during the Gala Dinner

✓

Your logo on the badges

✓

Logo at the end of all videos published on our social media

✓

Gala pass

3

Free access to the conference

3

Roll-up during the event

5

Roll-up during the Gala Dinner

2

Instagram story showcasing your company's latest update (related to circularity)

1

Instagram story to present your company

1

An article in our newsletter

✓

Your logo in automatic email and mailing campaign

✓

Insertion of 1 company's goodie & flyer in the pack given to all participants

✓

Acknowledgement of the sponsors in the opening and closing sessions

✓

Article in the handbook

2 pages

Your logo:

- On all introductory slides in every room (digital included)
- In the program (digital and printed)
- On the rollup
- On all presentations
- Featured in a social media post announcing our sponsors.
- On all electronic materials (poster gallery, website, dashboard)

At the top in a large size, placed first in alphabetical order within your category.

Sponsorship packages

GOLD	SILVER	BRONZE
8.000,00 €	4.000,00 €	1.500,00 €

1-minute video of your company during the Gala dinner with an introduction	-	-	-
On-site interview of your company published on our social media	-	-	-
A seat at the table of honor at the Gala	-	-	-
Logo at the end of the aftermovie	-	-	-
Presentation of your company on the first day (5 minutes)	✓	-	-
Your logo in the signature of the organizing committee	✓	-	-
Mention in the press release and opportunity to send a digital file to journalists	✓	-	-
Acknowledgement of the sponsors during the poster session awards	✓	-	-
Your company video published on our social media	✓	-	-
Logo on the menu / center table during the Gala Dinner	✓	-	-
Your logo on the badges	✓	-	-
Logo at the end of all videos published on our social media	✓	-	-
Gala pass	2	1	1
Free access to the conference	2	1	-
Roll-up during the event	3	2	-
Roll-up during the Gala Dinner	1	-	-
Instagram story showcasing your company's latest update (related to circularity)	1	-	-
Instagram story to present your company	1	1	-
An article in our newsletter	✓	✓	-
Your logo in automatic email and mailing campaign	✓	✓	-
Insertion of 1 company's goodie & flyer in the pack given to all participants	✓	✓	✓
Acknowledgement of the sponsors in the opening and closing sessions	✓	✓	✓
Article in the handbook	1 page	1/2 page	1/4 page
Your logo: <ul style="list-style-type: none"> On all introductory slides in every room (digital included) Your logo in the program (digital and printed) Your logo on the rollup Your logo on all presentations Your logo featured in a social media post announcing our sponsors. Your logo on all electronic materials (poster gallery, website, dashboard) 	At the top in a large size, placed behind the Gala pack, in alphabetical order within your category	At the bottom in a small size, placed first in alphabetical order within your category.	At the bottom in a small size, placed behind the Silver pack, in alphabetical order within your category

Customized for success: share your vision, receive our tailored offer

Awarding of the poster award

1

Running a contest to accumulate data in your database

1

Additional gala pass

✓

Additional access to the conference

✓

IDDUP Service

- Press action (depending on the amount: press release, press kit, press conference)
- Event promotion
- Creation of visuals
- Creation of social media posts
- Production of testimonial videos
- Production of a corporate video
- Copywriting
- Organizing a small event

Need more information or have a question?

The organizing team is happy to adapt the options to match your expectations. So, for example, we would not rule out the idea of an exclusive partnership for the whole event. You can get in touch with the team by email.

CONTACT PERSON

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MORE INFORMATION

www.2025melissaconference.org

FOLLOW US

Instagram

[@melissaspaceresearchprogram](https://www.instagram.com/melissaspaceresearchprogram)

Facebook

[@MELiSSA4SPACE](https://www.facebook.com/MELiSSA4SPACE)

X/Twitter

[@MELiSSAProject1](https://twitter.com/MELiSSAProject1)

LinkedIn

[MELiSSA Space Research Program](https://www.linkedin.com/company/MELiSSA Space Research Program)

Youtube

[MELiSSA Space Research Program](https://www.youtube.com/channel/UC...)

SUPPORTED BY



Sponsorship confirmation

First name:
Last name:
Company / Organization:
Job title:
Field of business:
VAT Number:
Address:
Postcode and location:
Mobile:
Email:

The partner undertakes to offer financial support to the MELISSA Foundation to organize the event described hereinabove for a total of EUR excl. VAT.

- GALA PARTNERSHIP: €15,000 € excl. VA
- GOLD PACK: €8,000 € excl. VAT
- SILVER PACK: €4,000 € excl. VAT
- BRONZE PACK: €1,500 € excl. VAT
- Tailored offer

The partner confirms that they are familiar with the general terms and conditions on the next page of this contract and accepts them unconditionally

Signature:

General terms and conditions

1. TERMS AND CONDITIONS

The MELiSSA Foundation is bound by a best efforts obligation and any terms herein shall not constitute an obligation for the MELiSSA Foundation to perform or a guarantee commitment. The MELiSSA Foundation makes no warranty, express or implied, to the sponsor regarding the benefits, financial or other, positive or not, resulting or that may result from the use and display of the sponsorship opportunity. The only guarantee offered by the MELiSSA Foundation is that it will take all reasonable means at its disposal and as described in the sponsorship contract to ensure that all documents, posters, etc. are published in a professional and efficient manner.

Except in the event of gross negligence on its part, and violation of IP rights (such as use of logos, designs, etc outside the scopes of this contract), the MELiSSA Foundation cannot be held liable to the sponsor for any damage, direct or indirect, that may result. If an error slips into the advertisement for a reason attributable to the MELiSSA Foundation, the latter is entitled to correct the said error without delay, without having to pay any compensation or damages whatsoever to the sponsor.

2. INSURANCE

The parties undertake to obtain all the necessary insurance during the course of the event which is the subject of the sponsorship. The MELiSSA Foundation will take all measures to ensure the security of the equipment made available to it, each party will ensure its own equipment and will bear the cost resulting from any damage, theft, etc. In the event of theft, the MELiSSA Foundation cannot be held responsible.

3. RATES AND TERMS OF PAYMENT AND FEES

The rates are included in the sponsorship contract.

4. PAYMENT TERMS

Invoices must be paid to account number BE05 3631 8280 9775 of the MELiSSA Foundation on the date indicated on the invoice. In the event of non-payment on the due date, the amounts due will bear an annual interest of 10%. The advertiser will also be liable for a penalty clause equivalent to 15% of the amount of unpaid invoices when due. The MELiSSA Foundation reserves the right to suspend the performance of its services in the event of non-payment of invoices, in principle, interest or penalty clause.

5. DURATION AND END OF THE CONTRACT

This agreement begins on the date of its signature and ends automatically at the end of the event that is the subject of the sponsorship. The contract ends early if one of the parties fails to respect any of its obligations, within 8 days of receipt of a formal notice. The end of this contract does not have the effect of causing a party to lose a right or to release it from an obligation, in particular with regard to confidentiality and intellectual property.

6. INTELLECTUAL PROPERTY

The sponsor remains the owner of the intellectual rights relating to the advertising material (trademarks, logos, designs, etc.) entrusted to the MELiSSA Foundation.

The sponsor warrants that the elements of the advertisement and materials on display are original and do not infringe any copyright, trademark or other intellectual property right, title or interest belonging to any third party.

7. PRIVACY

Sponsor acknowledges and agrees that The MELiSSA Foundation may provide advertising space rental and ad design services to third parties, who may be direct competitors of Advertiser or who may advertise products or services similar to those of the advertiser. The sponsor, therefore, agrees not to provide the MELiSSA Foundation with information that it considers confidential, secret or of a private nature.

8. FORCE MAJEURE

Neither party can be considered in default under this contract if the performance of its obligations, in whole or in part, is delayed or prevented as a result of a situation of "force majeure". "Force majeure" must be understood as an event external to the parties, unforeseeable, uncontrollable and making it impossible to perform an obligation.

9. MODIFICATION OF AGREEMENT

This Agreement may only be modified by another writing, duly signed by all parties.

10. APPLICABLE LAW AND JURISDICTION

This agreement is governed by Belgian law. In the event of a conflict between the parties, they undertake to seek an amicable solution as a matter of priority. Any dispute or litigation that may arise from the interpretation and/or execution of this agreement will be submitted to the courts of the district of Brussels.

11. CORRUPTION AND INFLUENCE PEDDLING

Each Party, its executives and employees, shall act in compliance with the laws and regulations (including any applicable extraterritorial laws and regulations) against corruption and influence peddling applicable in its country of registration and in the country(ies) where each Party carries out its business. Whether directly or via third parties, neither Party shall propose to any person, or shall accept from any person, any offer, promise, donation, gift or benefit of any kind which would be linked to a misuse that would be made by that person, or that has already been made by that person, of his/her real or supposed influence with a view to obtaining, for itself or for others, a distinction, a job, a contract or any other favorable decision. Neither Party shall solicit or accept for itself any offer, promise, donation, gift or benefit of any kind, for the purpose of misusing its influence with a view to making or obtaining any favorable decision.