

European Space University for Earth and Humanity

UNIVERSEH is an alliance of five European universities established to develop a new way of collaboration in the field of Space, within the “European Universities” initiative.

The alliance aims to create new higher education interactive experiences for the university community, teachers and students, and for the benefit of society as a whole. Such initiatives will enable broadminded, informed and conscientious European citizens to capture and create new knowledge and become smart actors of European innovation, valorisation and societal dissemination within the Space sector, from science, engineering, liberal arts to culture.

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D5.8: Monitoring report on the development of cooperation between the Alliance and external stakeholders

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Organisation responsible for this deliverable: University of Luxembourg

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Dissemination level

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CO	Confidential, only for members of the consortium	

Document History

Version	Date	Author	Partner	Summary of main changes
1.0	31/01/2022	Eric Tschirhart	Uni.lu	-

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Introduction

At the application stage, the UNIVERSEH project was supported by more than 60 stakeholders: businesses, agencies, local and regional stakeholders...

The challenge in the implementation stage was to keep these stakeholders engaged, directly in the activities of the project, as well as more strategically through the setting up of an Advisory Board.

During the first year of UNIVERSEH's implementation, additional letters of support were received:

- **European Investment Fund** (EIF), signed by Tomasz Kozlowski, Head of Mandates & Products Development
- **German Aerospace Center** (DLR), signed by Prof. Dr.-Ing. Anke Kaysser-Pyzalla
- **AXA XL**, signed by Denis BOUSQUET, Global CTO in Space Underwriting
- **EIT – Climate KIC**, signed by Kevin Ramirez, Space/Earth Observation Manager.
- In addition, a collaboration with **ESA_Lab@** has been initiated.

In terms of activities, the engagement of stakeholders is essential in WP5 focusing on entrepreneurship and innovation. However, due to the pandemic situation in Europe, a number of activities had to be postponed for sanitary reasons. Nevertheless, some took place, in particular the Unicareers Student Fair in Luxembourg (see details below).

Stakeholders were also engaged in the communication and events organised by the project, in particular the UNIVERSEH conference organised in Toulouse on the 4th of October (see details below).

Finally, stakeholders were also engaged in the governance of the project: one stakeholder is a member of the Quality Assurance Committee, and the Alliance has been working on the setting up of the Advisory Board.

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Presentation of [Unicareers](#) in Luxembourg

Cit.: “The Unicareers fair is the official career fair of the University of Luxembourg, organised in collaboration with your job board Moovijob.com that allows you to meet the main Luxembourg companies in one day! This fair is open to everyone (regardless of the participant's university, country, or course of studies) and is dedicated to students looking for an internship, a first job, PhD & Postdoc candidates looking for an R&D collaboration, as well as experienced profiles with up to five years of professional experience.”

Training opportunities are unique at such a level of commitment and support letters clearly delineate the formal interest of the contacted companies to our integrative teaching and learning curricula. We are convinced that such internships are key to nurture collaboration between the members of the Alliance and companies that operate in the space sector, in helping them describing tomorrow's jobs and training the youngest for. It is also envisioned to install a UNIVERSEH-led “space” booth at a major career fair such as [Unicareers.lu](#), by inviting space corporations to publish and present their open positions.

A first run-up was organized on 1st October 2021, in a full virtual mode due to Covid restrictions.

Historically, Unicareers is organised in Luxembourg since 2014 with 4000+ students when physical. This time in 2021, it was organized virtually with:

- **2600+ attendees**
- **98 attendees** with « **Space** » mentioned
- A “**Space corner**” which regrouped space companies for the first time (ESA, FEDIL, Gradel, Iceye, Lease, SES,...)

Final figures of this first participation of UNIVERSEH are as follows:

- **489 visitors** to the UNIVERSEH stand, mainly graduate students.
- **27 scheduled in-person meetings.**
- **828 views of the conference** given for general information on UNIVERSEH.

Interviews of students with space companies were confidential for this online edition. Pending future restrictions in 2022, a model will be developed to ensure monitoring of the interaction between attendees and companies.

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Advisory Board for UNIVERSEH Governance & Management

To align skills development in higher education with the future needs of the labour market, the project has foreseen the establishment of an Advisory Committee, and of an Advisory Board, which is an executive subset of the Committee. The alliance has been successful in attracting partners and stakeholders (see [consortium page](#) on the [website](#)). Terms of references have been established and communicated to the potential members beforehand (see Annex 1).

The Advisory board is composed of the following persons from public institutions or companies:

- *Christophe* Grudler, Member of the **European Parliament**, member of Committee on Industry, Research and Energy, DEEA Delegation for Northern cooperation and for relations with Switzerland and Norway and to the EU-Iceland Joint Parliamentary Committee and the European Economic Area (EEA) Joint Parliamentary Committee.
- Géraldine Naja, Director for Commercialisation, Industry & Procurement, **European Space Agency**
- Tomasz Kozlowski, Head of Mandate and Product Development, **European Investment Fund**
- Kevin Ramirez, Space/Earth Observation Manager, **EIT Climate-KIC**
- Mathias Van Den Bossche, Director, research, development and product policy, **Thales-Alenia-Space**
- Philippe Trillat, Vice-President Avionics Systems, **Airbus Defence & Space**
- Denis Bousquet, Global Chief Technical Officer, Space Underwriting, **AXA XL**
- Ferdinand Kayser, Strategic advisor to the CEO, **SES Satellites**
- Agata Kołodziejczyk, Director of Scientific Projects, **Analog Astronaut Training Center**
- Alexandre Tisserand, **Club Galaxie**, **CEO KINEIS**
- Michel Bosco, Member of the Board, **RHEA Group**
- Emil Vinterhav, CEO, **Pasq Space** (pending)

We believe that the current composition of the Advisory Board is a unique combination of experienced persons, capable considering its wide range of expertise and already acquired extensive contacts with the space industry and European Space Institutes. This will allow us

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to rapidly adapt to propose the most relevant courses and student experiences to cover European needs in the Space domain.

UNIVERSEH Conference on Space and the Universities of the Future in Europe

The Alliance organised its first “in-person” event on the 4th of October in the Cité de l’Espace, in Toulouse. About 200 people registered for this event, with an active participation of stakeholders from the industry, as well as representatives from the local, regional and European governments.

In the morning, the specific business event “Employability and future skills: the role of SMEs and corporations in UNIVERSEH”, moderated by Olivier Zephir, Senior Business Advisor at Technoport, Luxembourg and Eric Tschirhart, Special Advisor to the Rector, University of Luxembourg, was very successful. The panellists included:

- Charlotte Mathieu, Head of Industrial Policy and Economic Analysis Section, European Space Agency
- Agata Kołodziejczyk, Project Manager, Analog Astronaut Training Center
- Tadeusz Uhl, Professor at AGH University, SME Owner
- Emil Vinterhav, Founder and Owner, PASQ Space
- Aude Nzeh Ndong, Operational Manager Space Division, Aerospace Valley
- Tomasz Kozłowski, Head of Mandate and Product Development, European Investment Fund
- Christine Fernandez- Martin, CEO, Agenium Space
- Emma Vatine, Aerospace engineer, Loft Orbital Technologies
- Alexandre Tisserant, CEO Kineis, Club Galaxie

In the afternoon, keynote addresses and roundtables gathered stakeholders from a wide range of sectors, including representatives from the industry (e.g AIRBUS), agencies (e.g. European Space Agency, Polish Space Agency), the European Parliament, the French Government.

The event generated interest in the UNIVERSEH project, which will be useful in the implementation of the activities planned for its second year.

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