

## 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.*

*In Beyond UNIVERSEH, the alliance will develop the research and innovation dimension. By creating a research policy roadmap for 2035 and a vision for 2050 within the space sector, the alliance expects to notably transform the future Space and New Space research landscape, as well to enhance the links between education and research.*

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## Deliverable n°8-D1.8 Minutes of the governance and coordination bodies meetings 2

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## Document History

Version	Date	Author	Partner	Summary of main changes
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## 1- Deliverables description

This deliverable gathers all the minutes of the governance bodies since the beginning of the project officially launched on 1st of September 2022.

It is important to note that most of the governance bodies of Beyond UNIVERSEH are common with those of the Erasmus + UNIVERSEH project (No 101004066).

Indeed, as these two projects are closely linked and aim at creating the European Space University for Earth and Humanity, it appeared coherent and essential from the very beginning of the project that both projects should have the same governance bodies.

Thus UNIVERSEH and Beyond UNIVERSEH share the following instances:

- The Governing Board as the ultimate decision-making body of the consortium, its role is to validate general policy, long-term and medium-term strategies and major goals.
- The Advisory Board whose role is to advise the Governing Board, the Research Policy Council and steering committee on the relevance of the technology transfer and innovation-related activities and for supporting the implementation of these activities, as well as contributing to the dissemination strategy and efforts.
- The Quality Assurance Committee whose role is to define the standards and quality indicators, ensure compliance with EU law and carry the quality reviews.
- The Student Council

While Beyond UNIVERSEH, has its own bodies which are the following:

- The Steering Committee which monitors the effective and efficient implementation of the Project.
- The Research Policy Council whose role is to propose and implement programme policy, promote common quality standards, ensure that common programmes are coherent with the project aim and work towards a single lab and research community between the project partners.

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## 2- Annexes

### 1. Minutes of the Governing Boards

#### ❖ Governing Board of 31.05.22

##### **In person meeting in Krakow.**

##### **Attendees**

Philippe Raimbault (UT), Jerzy Lis (AGH), Rafal Wisniowski (AGH), Stefan Marshall (UDUS), Birgitta Bergvall-Kåreborn (LTU), Anja Steinbeck (UDUS), Thomas Calvy (UT – President of the Student Council),

Hélène Gentils (UT), Florence Voitier-Sienzonit (UT)

##### **Excused**

Stéphane Pallage (Uni.lu)

Philippe Raimbault thanks Jerzy Lis for the warm welcome since the day before.

Jerzy Lis welcomes all the participants and online participants to AGH campus and Krakow.

An additional discussion point is added regarding partnerships with Ukraine universities.

### **1. Signature of partnership agreements for UNIVERSEH**

The project UNIVERSEH does not have a legal identity, and therefore no-one is directly entitled to sign agreements with organisations outside of the Alliance on behalf of the UNIVERSEH Alliance.

However, several organisations have expressed an interest in signing agreements or memorandum of understanding with UNIVERSEH. This does not concern the signature of partnership agreements with the aim of expanding the current Alliance to more partners.

It is therefore necessary to establish a process according to which these partnerships can be signed on behalf of the UNIVERSEH alliance.

The following two options are presented:

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All the rectors agree on the proposal that UT rectors signs all the proposed agreements, with the caveat that the legal review is done by all the legal services of all the universities in order to ensure compatibility with all the countries' legislations.

## 2. Preparation of the application for the project renewal

### - Planning

The milestones for the application for the renewal are as follows:

- June 2022 First brainstorming session in Krakow + analysis of the 50+ replies to the questionnaire
- August/September 2022 Finalisation of the consortium composition
- October/November 2022 (TBC) Opening of the call
- February/March 2023 (TBC) Closure of the call
- July 2023 (TBC) Results of the call
- November 2023 (TBC) Start of the new project / Closure of the first UNIVERSEH project

### - Consortium

#### Current partnership

All the rectors confirm that their university is still willing to apply for the next round of funding and to continue the project after 2023.

#### Enlargement

In the framework of the UNIVERSEH project renewal, the Governing Board (09/02/22) has decided to expand the partnership to two more partners.

A call for expression of interest was published on the UNIVERSEH website.

Four expressions of interest have been received. All have been signed by the respective rectors of the candidates.

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Another application was received from the University of Athens, but was not signed by the rector. It will be sent to the members of the Governing Board as soon as the signed version is received.

	University of Namur	University of Rome Tor Vergata	Technical University of Liberec	University of La Laguna
Country (Geographical zone as per EC criteria)	Belgium (Western Europe)	Italy (Southern Europe)	Czech Republic (Central and Eastern Europe)	Spain (Southern Europe)
Involved in another European University	No	Commitment with YUFE ends Nov 2022	No	Application for funding in another Alliance currently under evaluation. Results of should be published in July 2022.

Philippe Raimbault suggests that the Governing Board could pre-select the candidates and have a meeting with the pre-selected candidates to finalise the agreement.

Jerzy Lis underlines that it is not easy to get new partners as the most prestigious universities are already involved in another Alliance. He supports the application of Rome and La Laguna universities.

Birgitta Bergvall-Kåreborn supports the idea of having a meeting with the candidates before making a final decision and also favours Rome and La Laguna universities.

Anja Steinbeck also supports the initial meeting to get to know the potential partners, and the applications of Rome and La Laguna universities.

Philippe Raimbault explains that for his colleagues in Toulouse, the 1st criteria is to consider partners from southern Europe, then to consider the impact on the current consortia, and finally the importance of the space sector for the candidate university. On that basis, Toulouse supports the applications of Rome and La Laguna.

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Stefan Marshall raises the question of whether we officially confirm the list of pre-selected candidates and rejected applications.

**The Governing Board members agree to shortlist the applications of the University of Rome and the University of La Laguna.**

UT will organise meetings with the rectors of La Laguna and Rome universities in June and inform the University of Namur and the technical University of Liberec that the final decision hasn't been made regarding their application at this stage.

### *Partnerships with Ukraine universities*

Jerzy Lis is in charge of the coordination of a group to support Ukrainian Universities in Poland. He submits a proposal to the Governing Board for the creation of a partnership between the UNIVERSEH Alliance and the Vasyl Stefanyk Precarpathian National University (website). This university has a very good position in Ukraine and has education and research activities in the field of space.

For Philippe Raimbault, this partnership makes senses and would be a symbolic support to ukrainian universities.

Jerzy Lis underlines that the situation is dynamic and that there are discussions in the European Commission on how to maintain partnerships with Ukrainian universities in this context. UT will check the legal framework for partnerships with Ukrainian Universities.

Birgitta Bergvall-Kåreborn also supports this partnership and suggest that the Governing Board also meets with the Vasyl Stefanyk Precarpathian National University before making a final decision.

Anja Steinbeck also supports both the partnership and the meeting with the university, although this meeting cannot be seen as a test or a competition.

Stefan Marshall mentions the HHU is also beginning a partnership with Yuriy Fedkovych Chernivtsi National University (website).

All partners will check their networks to see if other potential partnerships could be formed with other Ukrainian Universities.

### **3. Next meeting**

12th of October in Paris. UT will send details of the venue in due course.

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#### 4. AOBs

No AOBs were discussed.

#### Actions

- UT to organise a meeting with the Rectors of the University of Rome and the University of La Laguna
- UT to send the governing Board the application of the University of Athens once formally endorsed by the Rector
- UT to check the legal framework for partnerships with Ukrainian Universities
- All partners to check their networks for potential partnerships with Ukrainian universities.

❖ Governing Board of 12.10.2022

#### In person meeting in Paris.

##### Attendees

Marc Renner (UT), Stefan Marshall (UDUS), Birgitta Bergvall-Kåreborn (LTU), Anja Steinbeck (UDUS), Stéphane Pallage (Uni.lu), Tadeusz Uhl (AGH), Marie Phan-Than (UT, student representative), Filippo Bracci (UTV).

Hélène Gentils (UT), Florence Voitier-Sienzonit (UT)

##### Excused

Jerzy Lis (AGH), Orazio Schillaci (UTV)

Marc Renner replaces Philippe Raimbault at the head of the Université Fédérale de Toulouse Midi Pyrénées until April 2023, as interim administrator. He is in charge of the transformation of UFTMiP into University of Toulouse, as of the 1st of January 2023. His remit is the same as the President.

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Filippo Bracci, pro rector for didactics of the University of Tor Vergata joins the Steering Committee, representing his rector.

### **1. Interview with Meletios (Thanos) Dimopoulos, Rector of the National and Kapodistrian University of Athens / Discussion on the Alliance enlargement**

The interview did not take place as the National and Kapodistrian University of Athens is involved in the CIVIS alliance, that has just been renewed in the 2021 call.

Time is running up with the new deadline of the call on the 31st of January 2023 So far the options are:

University of Namur, which confirmed their lasting interest in joining the project and University of Liberec. Both applied to join the partnership in May, but were initially not selected.

Stéphane Pallage provides some information about the University of Namur. It is a new union of old faculties, about 200 years old. It is a very agile university, very much willing to engage in the UNIVERSEH partnership. It is a very small university, which doesn't do everything but space is on their agenda, on their strategic plans. It is not the best known university, but they are growing in a very interesting way.

The application of the University of Liberec is unclear and does not provide sufficient elements to judge their relevance for the Alliance.

- University of Patras, Greece. Tadeusz Uhl will check their interest and ensure an application is sent quickly. They have 16 faculties and are working on "downstream" space activities.

- The Governing Board confirms their interest in have two new partners for UNIVERSEH 2.0, now (although an option exists to integrate them at a later stage) as it is easier to involve the two new partners at the same time, with the extra budget provided in the call to do so.

In order to ensure that a new partner is chosen very quickly, the Governing Board agrees to open for new applications as follows:

- UT to inform the partnership that they can contact potential interested universities
- Applications must be received by the 18th of October (not the name of the university, but a real commitment)
- UT to propose a comparison of the Universities for the GB to make a decision within two days
- Then an interview with the chosen candidate(s) will be organised ASAP. The criteria are as follows:

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- ✓ not to be involved in another European University / legally bound in an unsuccessful Alliance that aims at resubmitting
- ✓ to have a valid Erasmus Charter
- ✓ to have a significant activity in Space and/or a very strong strategic development of space activities
- ✓ to already have links/relationship with a university of the consortium.

## 2. Presentation of the main elements of the progress report

### *UNIVERSEH progress report*

Hélène Gentils presented the main elements of the progress report, which are also summarised in the citizen summary circulated to the members of the Governing Board.

The Governing Board would like to thank all the people working for the project, a lot of work and effort has been put in this project, with a very encouraging response by the EC.

The information should be put on our website, adding the thanks to the people working on the project.

Comment from the Governing Board members

For Birgitta Bergvall-Kåreborn the definition of mobility could be widened to include different types of intercultural exchanges (e.g. guest lecturers).

Additionally, she is reflecting on gender issues and pedagogical innovation in the project: the space sector is still very male, so the project should focus on how we design courses that are attractive to both males and females, and how we use innovative technology driven pedagogy to make it more interesting for students to join distance learning courses.

Tadeusz Uhl gives the example one of AGH's project, focusing on achieving a better gender representation in 7 programmes, working with industry and researchers. This is also about the perception of industry, if it is still perceived as male, then the programmes will be designed for males. This has to be considered when designing whole UNIVERSEH programmes.

He also underlines that it is important to link work packages together, especially WP6 with other WPs. This could have an implication for the work package structure for next call.

### *Update on Beyond UNIVERSEH progress*

Florence Voitier-Sienzonit would like to warn the Governing Board that Beyond UNIVERSEH is not fully progressing as it should with some delays in deliverables, difficulty in engaging

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people on the planned activities, and issues with the amount of funding received compared to the ambition of the project. The Project Officer has expressed her worries regarding the delays of the project, but the management team is working with partners to ensure the contractual obligations are being met and the objectives of the project achieved.

The Governing Board members appreciate the warning and would like more information in the following meetings on whether the difficulties have been overcome or not.

### **3. Presentation of the main elements of the call “European Universities - Intensification of prior deep institutional transnational cooperation”**

Even though this couldn't count as official mobility as per the Erasmus+ definition, we could show the EC that even though the target of 50% of mobile students is extremely hard to reach, we are increasing the internationalisation of the students' experience through our activities.

Micro credentials are not a focus of the current project but this can be developed.

### **4. Discussion time with new members of the consortium**

Filippo Bracci presents the University of Tor Vergata, focusing on the courses that can be relevant for the UNIVERSEH Alliance.

UTV did not participate in the renewal of the YUFE Alliance, in which they were partners before, as only a small part of UTV could be involved in the project's activities. Still, UTV learned a lot from this first experience of European Universities.

What UTV expects of UNIVERSEH is to have a concrete project, where the full university might contribute in terms of courses but also on communication and dissemination. Additionally, UTV expects inclusivity and equality in the partnership, and balanced workload among partners, all receiving the same amount of funds from EU.

Filippo Bracci has a full delegation from his rector and will be supported by a team of very operative people. UTV can also bring a number of interesting stakeholders (e.g. ASI – Italian Space Agency, with which they have a very good contact).

No communication can be made on UTV joining UNIVERSEH before they have officially left the previous alliance (effective as of 1st of December 2022). This doesn't prevent UTV to start working on the UNIVERSEH project before.

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A proposal is made to the Governing Board of including the new partners (UTV + potential other partner) to the current UNIVERSEH governance without voting rights.

The Governing Board members agree to include the new partners in the current project governance with voting rights.

An addendum to the UNIVERSEH consortium agreement will be drafted in order to officialise this.

## **5. Initial ideas for the mission statement, the governance and work packages for UNIVERSEH 2.0**

Following an initial brainstorming session in Krakow in May, a two-days meeting will take place in Luxembourg on October 20-21st. As a result, only initial ideas can be presented to the Governing Board, but an outline of the conclusion of the Luxembourg meeting will be circulated afterwards to keep the members involved.

## **6. Discussions on the priorities the Governing Board wants to set for UNIVERSEH 2.0**

The Governing Board members discussed and agreed that the following topics should be included in the UNIVERSEH 2.0 proposal:

- Branding of UNIVERSEH when it comes to space education in Europe, for students, for staff
- Broad view on sustainability
- Integrating the research dimension of the project: teachers must be integrated as teachers and researchers. Beyond UNIVERSEH will not be renewed as no dedicated calls will be launched by the EC, so there is a need to integrate the research dimension in UNIVERSEH 2.0, and encourage top-down research. This can be further developed through other EU funding programmes such as MSCA (e.g. common PhD school) or ESA.
- Moving as close as possible to one university, and progress towards a common entity, despite the legal constraints, following the results of the pilot projects. An ECGT could be an option, but not an overarching structure. Even more so with a legal entity, we need a clear view on how we work together.
- Sustainability, in a broader view, using space to reach sustainability goals.

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- European values created by working together
- Common programmes at all levels
- Strengthening space within Europe and in our own universities.
- Strong support on strengthening support for Art and Humanities.
- Communication and science communication regarding space.

On governance:

- Keep the governance bodies as they are. Reinforce the role of the Governing Board.
- On the topic of conflict resolution / inclusion and diversity, there is no need for an extra governance body, but this can be a permanent item on the agenda of other committees (Governing Board, Steering Committee, other as appropriate). Having a mediator or a neutral person seems like a logical step forward when extending the partnership. This person/position could report to the board regularly (this is something already existing at HHU).
- Keep consensus as a basis for decision-taking.
- On the topic of an IT platforms supervision board, the Governing Board things that it needs to be dealt with in existing board or work packages (task).

On the work packages:

- the Governing Board agrees on principle to have 8 work packages
- reinforce the links between the work packages, perhaps in platform for discussion of WP leaders without the Steering Committee representatives
- Propose innovative work packages.
- Better integrate the work packages, for example by have one university leading a WP and another co-leading it.

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## 7. Next meeting

Birgitta Bergvall-Kåreborn would much prefer if the in-person meetings could take place for a full day (+ dinner the night before).

A Doodle will be sent to set a date for an online meeting end of November/December, in particular to discuss budget for UNIVERSEH 2.0.

The Governing Board agrees to meet in Kiruna in February: Dinner on the 22nd and then a full day of meeting on the 23rd.

Stéphane Pallage will check the availability of Jens Kreisel, his successor as of the 1st of January 2023.

## 8. AOBs

Tadeusz Uhl reminds the Governing Board of the discussion held in Krakow regarding the involvement of a Ukrainian university in the project: The Stefanyk Precarpathian National University (website).

## 2- Minutes of the Advisory Board

### ❖ Advisory Board 31.05.22

#### **In hybrid mode: AGH University of Science and Technology, Krakow / MS Teams**

#### **Ordinary Meeting, from 8:30 to 10:00**

Attendees: Michel Bosco (RHEA Group), Denis Bousquet (AXA XL), Ferdinand Kayser (SES Satellites), Agata Kołodziejczyk (Analog Astronaut Training Center), Tomasz Kozłowski (EIF), Pascal Maussion (UT/INP), Kevin Ramirez (EIT Climate-KIC), Alexandre Tisserant (Kinéis/Club Galaxie), Philippe Trillat (Airbus Space & Defence), Eric Tschirhart (UNI.LU), Emil Vinterhav (Pasq Space), Emmanuel Zenou (UT/ISAE SupAero).

Excused: Christophe Grudler (European Parliament)

Absent: Géraldine Naja (ESA), Mathias Van Den Bossche (Thales-Alenia-Space)

Strategic Meeting, from 10:30 to 12:00

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Attendees: Michel Bosco (RHEA Group), Denis Bousquet (AXA XL), Ferdinand Kayser (SES Satellites), Agata Kołodziejczyk (Analog Astronaut Training Center), Tomasz Kozłowski (EIF), Pascal Maussion (UT/INP) substituting Emmanuel Zenou, Kevin Ramirez (EIT Climate-KIC), Alexandre Tisserant (Kinéis/Club Galaxie), Philippe Trillat (Airbus Space & Defence), Eric Tschirhart (UNI.LU), Emil Vinterhav (Pasq Space).

Excused: Christophe Grudler (European Parliament), Emmanuel Zenou (UT/ISAE SupAero).

Absent: Géraldine Naja (ESA), Mathias Van Den Bossche (Thales-Alenia-Space)

Minutes:

Nathalie Klopfenstein (UNI.LU)

## Agenda

### Discussions/Decisions of ordinary meeting, from 8:30 to 10:00

- O1. Approval of minutes
- O2. Confidentiality agreement – status & signing
- O3. Advisory Board Tasks & Priorities: a proposal
- O4. Legal entity for UNIVERSEH: status
- O5. IAC Paris: UNIVERSEH stand, information, meetings

### Discussions/Decisions of strategic meeting, from 10:30 to 12:00

- S1. New call in 2023
  - a) Feedback on present project
  - b) Developments for the future call
  - c) Consortium enlargement: list of contacted

### ANNEX: List of documents sent in preparation for the meetings

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## Discussions/Decisions of ordinary meeting, from 8:30 to 10:00

### O1. Approval of minutes

The Advisory Board (AB) approves the minutes of the 4 March 2022 meeting.

In general, the minutes of the governance and coordination bodies are submitted to the European Commission as part of the deliverables of the Erasmus+ project.

### O2. Confidentiality agreement – status & signing

The latest version of the Confidentiality Agreement was sent to the members on 27 May 2022. To simplify and fast-track the signing process, the University of Toulouse will be using electronic signatures through the application yousign. The Administrator of the Advisory Board is currently collecting the necessary information from the members, i.e.:

- The **exact name of the company(ies) each members wishes to include in the Agreement.**
- A **mobile phone number.**

### O3. Advisory Board Tasks & Priorities: a proposal

The conclusion of the last AB meeting was to draft a proposal of (1) an organizational scheme to ensure collection and selection of tasks and priorities and, (2) a short-, medium- and long-term list of tasks and priorities.

A proposal was sent to the AB members in preparation of the present meeting.

The organisation scheme suggests the set-up of five (5) working groups (WGs) composed of AB members, stakeholder members, academic members, and potentially external members to fulfil the tasks. The AB President is responsible for proposing the WGs as well as the list of new potential tasks and associated priorities to be selected and adopted by the AB members.

Five tasks are projected in the document, divided into two categories:

- **network tasks**, directly related to the Stakeholders' Committee.
- **political tasks**, related to political & strategic questions, and other potential stakeholders.

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70+ stakeholders are involved in UNIVERSEH and information must be regularly sent to them. In this line, the International Aeronautical Congress will be a unique moment to meet them (see below item O4) and present the status of UNIVERSEH.

### Opinion:

In terms of **prioritization**, three (3) action points are proposed by the AB:

1. Mapping of the stakeholders.
2. Elaboration of three (3) principal tasks to be carried out by the stakeholders and the AB for the next two years.
3. Consult stakeholders for inputs regarding:
  - The vision of the European space environment and its future.
  - The mapping of ideas of the stakeholders, with tangible aspects, established through a swot analysis.
  - The identification of shared or mutual outcomes of the consultation, with a narrow down within two years to qualify the advantages and benefits for the stakeholders.
  - The identification of the relevant skills and competences which are needed by the stakeholders, and for what time; adapt course content to market needs (skills and competences).
  - The consideration of a job/internship board to enhance the relationship with stakeholders.

To reach the goals of stakeholders' interest, material should also be developed to be used by the AB members:

- Toolbox:
  - o A 5-slide presentation which describes UNIVERSEH, high level, low level, what brings UNIVERSEH to Europe, one achievement slide.
  - o A website gateway for having UNIVERSEH link incorporated in corporate website of AB members when possible; the corporate link will point to the website gateway
- A Value proposition/Unique selling point: one sentence that describes the benefit of UNIVERSEH offer to Space and NewSpace education in Europe and beyond

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#### **04. Legal entity for UNIVERSEH: status**

The European Commission is currently considering the possibility for transnational alliances (European universities) to become legal entities.

Such a status would make it easier to sign contracts, raise funds, communicate, award a European degree and, more generally, ensure the sustainability of European universities. However, some also consider it as a threat, as it strengthens alliances.

It should also be mentioned that the UNIVERSEH Board refused to consider this possibility at its last meeting, considering it was too early.

#### **Opinion:**

According to the AB, UNIVERSEH alliance should rapidly evolve into a legal entity in order to become more operational, efficient and to facilitate communication. UNIVERSEH needs to build a brand/an identity, to clearly identify its activity dedicated to transform education in Space and NewSpace. This initiative should be considered as a joint venture between universities for a specific activity and in no way as a merger.

In this respect, the AB recommends establishing a preliminary SWOT analysis, which would assess the strengths and weaknesses of a few different management scenarios in order to provide clarity and to help establish a link with the business models envisaged for the alliance. This analysis could focus on two different models to help choose the best option for the legal entity.

#### **05. IAC Paris: UNIVERSEH stand, information, meetings**

The International Astronautical Congress (IAC) 2022 will take place in Paris on 18-22 September 2022. It is the major event of the year where all global space actors come together.

UNIVERSEH plans to participate and have a booth at this event. AB is being consulted today on the approach to be taken and on whether and how members will support this initiative.

#### **Opinion:**

The AB suggests the possibility for UNIVERSEH to request a plenary slot on a given topic, which could focus on future stakeholders. However, this requires:

- A clear strategy and target audience as well as, the identification of concrete options and pathways for stakeholder engagement to avoid fail of connection;
- A relevant message on what measures could be applied by UNIVERSEH to provide the right skills at the right time. Some observatories have developed systems that constantly map the skill needs and skill offers.

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Pending IAC organization acceptance, a breakfast or lunch will be scheduled near the UNIVERSEH booth to allow communication with stakeholders and present the status of the project.

### Discussions/Decisions of strategic meeting, from 10:30 to 12:00

#### S1. New call in 2023

##### a) Feedback on present project

UNIVERSEH has been running well for 18 months now, including 12 months under Covid restrictions. Still, some results are missing, such as student and staff mobility as well as interaction with stakeholders in general.

##### b) Developments for the future call

The European Commission (EC) has modified the objectives and requirements of the next call to support the full rollout of 'European universities'. Two topics have been isolated: topic 1 dedicated to deepening of current collaboration, including new models of governance and operation, and topic 2 aimed at developing new collaborations.

One of the EC's general objectives is to build European universities in order to make it possible to compete with some of the big universities in the Anglo-Saxon world.

UNIVERSEH may be considered as a joint venture in a sectorial domain, Space and NewSpace, in stark contrast to other European Universities which are de facto reproducing their classic model.

#### Opinion:

Skills and competences for new program/course definition

Space and NewSpace demand intertwining of skills and competences from different fields of knowledge, such as IT, Artificial Intelligence, Law, Business, and many others. A mapping of the space industry appears opportune to apprehend the key skills and competences which Space and NewSpace need.

A first survey in contacting the stakeholders of UNIVERSEH was carried out by WP3 to collect the essentials of HR needs from major industrial but also SMEs partners.

AB recommends to:

- Install curriculum with 70% foundation courses.

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- Complement the foundation courses by awareness/technical/managerial courses to acquire skills which will ease recruitment and integration of students in companies.

Further, the question of having an entrepreneurial teaching & learning track appears fundamental for the future of NewSpace industry in Europe. It should include:

- Scientific and engineering content.
- A “monetizing” content, with invited professionals as teachers from the venture capital industry; it is a key element to stimulate socio-economic output for Europe.
- An Exposure of students to financial vehicles of interest, such as ETFs linked to green investments, renewable energies, climate change; for ex., summer schools of 4-5 weeks may be a design of crash course of these subjects.
- Case studies: industry-derived case studies should be used to enhance exposure of the students to real socio-economic endeavours.
- Innovative educational methods: Canvas has been mentioned as a course managements system to facilitate online learning and teaching; UNIVERSEH currently implements Moodle as a fully integrated learning management system allowing blended learning; the opening is schedule for July 2022, with all existing courses on boarded.

To further address this topic, UNIVERSEH (E. Tschirhart) will provide members with an overview of current and future activities in Entrepreneurship, Finance and Law within UNIVERSEH, as well as the electronic resources available.

#### Key areas of development for UNIVERSEH 2.0

The key areas in Space and New Space sector appear to be:

- Artificial intelligence.
- (Cyber) Security: cloud operations, data transmission from ground and downstream segment.
- Sustainability of space and particularly New Space.

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**c) Consortium enlargement: list of contacted Higher Education Institutions (HEIs) and response**

For the purpose of the new call, UNIVERSEH launched a call for applications to join the alliance end of March, and received 6 expressions of interest from the following institutions:

- University of La Laguna – ULL (ES, Canaries Islands)
- University of Alcalá (ES, near Madrid): application file pending
- Tor Vergata University of Rome (IT)
- National and Kapodistrian University of Athens (GR): application file pending
- Université de Namur (B)
- Technical University of Liberec (CZ)

The new partners are expected:

- not to be involved in another European University.
- to have a valid Erasmus Charter.
- to have a significant activity in Space and/or a very strong strategic development of space activities.
- to have sustained clear activities in art and Humanities, social sciences, journalism, and information related to the space sector would be a plus, to reinforce the multidisciplinary activities of UNIVERSEH.

To ensure the geographical balance of the project, at least one of the new partners needs to be situated in Southern Europe (Cyprus, Greece, Italy, Malta, Portugal, Spain, Turkey).

Also, the Swiss government plans to release 1.2 billion Swiss francs to compensate their non-affiliation by helping their HEIs to join European Universities. Emphasis could be made on High Performance Computing, quantic electronics/activities, and Space related activities. Such applications could be considered as potential associated partners.

Given the current situation, it might also be politically important to consider a partnership with a Ukrainian University.

**Opinion:**

The members express their hesitancy in advising for now on the current applications. Information is lacking for one application, which precludes a thorough evaluation.

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Still, general comments were made:

- Italy and Spain applications: these are interesting partners, with valuable industrial components
- Greece: the application is limited in information; some concerns are expressed over security of Greek institutions working in space with third part countries.

Further to this:

- The AB expresses the opinion of having a Ukrainian University as an “associate” partner of UNIVERSEH; it is an important political move.
- The optimal number of partners appears to be 7 to 8 members.
- UNIVERSEH should follow its own procedure for the selection, which should be fully transparent.
- Thereafter, the AB may give an opinion on a short list.
- Additional integration could eventually be considered as associated partners.

### Summary of next steps:

- UNIVERSEH to provide an overview of current and future activities in Entrepreneurship, Finance and Law within UNIVERSEH, as well as the electronic resources available.

### ANNEX: List of documents sent in preparation for the meetings Ordinary Meeting,

<b>8:30-10:00</b>	
<b>Item O1</b>	Agenda of the 31 May 2022 of the Advisory Board's Ordinary and Strategic Meetings
<b>Item O2</b>	Provisional minutes of the 4 March 2022 Advisory Board Meeting
<b>Item O3</b>	Priorities & Tasks of the Advisory Board (Proposal)
<b>Item O4</b>	The European Grouping of Territorial Cooperation (EGTC) as a legal entity for 'European Universities' Alliances

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<b>Item O5</b>	International Astronautical Congress 2022 - How to participate?
<b>Strategic Meeting, 10:30-12:00</b>	
<b>Item S1</b>	UNIVERSEH Alliance enlargement

### 3- Minutes of the Quality Assurance Committee

#### ❖ Quality Assurance Committee of 06.10.22

#### Online meeting

##### Attendees

Pawel PACKO, Kirsten TUSCHLING, Bjarne BERGQUIST, Jan ZUTAVERN, Florence VOITIER-SIENZONIT, Hélène GENTILS, Laura FRESCHINGER, Pascal MAUSSION

##### Excused:

René LAUFER, Eric TSCHIRHART, Michel BOSCO, Andreea BĂDEU

##### Discussions

Three reasons to have this meeting with this particular set-up, with WP leaders and QAC members:

- in order to better involve the members of the quality assurance committee in the project.
- WP leaders are the main actors in the quality assurance process so it is very important that they are involved in the process right from the beginning and better understand what is required.
- The reinforce the importance of quality in the project.

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## 1. Update on UNIVERSEH 2.0

The new call for renewal of UNIVERSEH has been published on the 4th of October, with a closing date on the 31st of January 2023.

In terms of consortium, the University of Tor Vergata has confirmed their commitment to be part of the UNIVERSEH Alliance, but the University of La Laguna have withdrawn their involvement.

The University of Athens have confirmed they are still interested to join the partnership so the UNIVERSEH office is currently planning for an interview between the University of Athens' rector and the Governing Board.

(Update after the meeting: The University of Athens is actually involved in the CIVIS Alliance and is therefore not available to join the project).

The quality assurance committee should be kept in the current set up in the new project, and we will learn from the quality assessment in UNIVERSEH and Beyond UNIVERSEH projects.

## 2. Presentation of the indicators collection process

To collect the indicators, submit the survey for each work package, which has been drafted. Disseminate this survey at local level and consortium level.

All tables and questionnaire filled in before 14th of November.

Will send the report to the QAC members, report sent by 22nd of November, for feedback. Submission of deliverable by the 30th November.

Question on the administration of the questionnaire. Presentation of the questionnaire by Florence after.

Survey for each work package.

Each questionnaire starts with a paragraph on GDPR. WP leaders need to add the name of their DPO. Florence will send the list of DPOs for each university.

Name and surname is just to ensure we do not double count people, then data is anonymised. Gender question is assessed to ensure that the gender dimension is taken into account.

To assess whether the project is well represented geographically speaking, there is a question about the county and the region.

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The occupation question will help us to assess whether all the fields of expertise have been involved in the project, and also the gender dimension (e.g. women in high level management or not).

Field of expertise is mainly for external participants.

Need to assess the general knowledge about Beyond UNIVERSEH. There are questions in the first survey, which will be adapted to the second report, to assess if there is any change of perception towards Beyond UNIVERSEH.

The main questions are identical for all work packages, with a few specific questions for some WPs:

- In WP5, a dedicated question, to assess the profile of the people participating in the citizen science projects, focuses on age and socio-professional category.
- In WP6, there are dedicated question for stakeholders.

The questionnaires need to be used in order to fill in the table, and then WP leaders to send all surveys + completed questionnaires to Florence.

For some indicators the questionnaires will not be useful but the WP leaders should have the information.

### Questions/Comments

Bjarne:

- In Sweden Kiruna and Lulea are in the same region. Thus, the question on the region is not relevant to assess the geographical representation.

A question on the city has been integrated instead of the question on the region

Laura:

- For the first report there will be nothing to report on citizens because citizen science project was launched in November.

It will be stated in the report that the indicators for citizens are low due to the fact that activities with them have not yet started.

- The action is anonymous, there is no possibility in the first citizen science project to contact the citizen scientist's participants.

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Suggestion to make the survey available for anyone who would like to fill it in. On the platform for example.

Jen:

- Question of the administration of the survey with regards to GDPR, perhaps a google form would be easier to manage.

Time-wise, maybe not feasible for this round of indicators collection, but will be improved for next time.

Laura:

- There were some comments sent on the indicators because the wording was different from the Grant Agreement.

Florence had not seen this comments before. Laura to send the comments again and Florence will make the corrections accordingly.

Bjarne:

- Should the questionnaire be sent to all staff who have been directly or indirectly involved in the implementation of the actions?

No, only people which are directly involved in the implementation of Beyond UNIVERSEH's actions are concerned. It can be a one-off job. For example, the intervention of an expert colleague on a specific subject (e.g. the gender equality officer). The people who intervene on a one-time basis and in a technical way (Generally speaking, these are support resources such as the legal department for the drafting of agreements, the DPO, the IT department, etc.) are not people directly involved in the implementation of Beyond UNIVERSEH's actions.

#### Actions:

Florence to send the tables and the questionnaires, with detailed information on how to collect the data.

WP leaders to collect data and send the completed table by the 14th of November to Florence

Florence to send the draft report by the 22nd of November.

Quality Assurance Committee to give feedback by between the 22nd and the 28th of November.

Report to be submit to the European Commission by the 30th of November.

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#### 4- Minutes of the Students Council

##### ❖ Student Council of 30.05.22

##### **In person meeting in Krakow**

8.00: Mathilde's presentation on her involvement and work in the project. Update about the recent changes in the project.

Details more specifically her role, the stakeholders' management and her support into student activities in UNIVERSEH.

8.10: WPs updates: not a lot of updates, very quiet this month due to the various exams, summer school and so on. It was hard for students to be involved in the project but it is a good time for a wrap up of the year.

WP 3: discussions about the Ukrainian war, how to help them better than what it is currently doing. No further realisable actions are emerging.

Beyond UNIVERSEH Point: no activity overall, or maybe no involvement from staff.

8.30: Summer School debrief: Student representatives who assist the summer school gave very positive feedback. They were glad to meet students from the other universities of the project and share good moments.

8.40: student recognition in the project

- It needs to be approved by the governing board
- Discussions towards recognitions by WP not overall involvement in the project – this is for students involved on a lower scale (local representatives, locals' involvement in WPs. The understanding of the project is different for local students than us.
- Personalised recognition, maybe with abilities, and what they did individually. Need to make a demand and has to be accepted by the local student president, and then each university (Country) is able to validate the student participation.
- Possible to get a digitally signed document rather than a paper format needing to be picked up and else.

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8.55 – end of the meeting: general sessions with discussions and questions to Mathilde

No specific decisions were taken during this meeting.

### ❖ Student Council of 15.11.22

#### Online meeting

**Attendees:** Thomas Calvy, Jules Coeuillet, Milan Grigull, Burak Subashi, Natalia Mizera, Filip Wylegala (Vyara Nonchava from 6:40)

No representant from Lulea

06.30 -6.40 Brief recap of the last sessions; quick reminder of who's going to Rome (Thomas & Milan among those present). We will continue to meet once a month until UniversEH 2.0 is ongoing.

6.40 - 6:45: Quick reminder of UNIVERSEH Governance; Milan will join the Academic Council, Natalia will stay a member of the Same Council; Victor could go in WP3, see if he agrees.

6:45 - 6:50: discussion about the Vice Presidency of the Student Council (to provide help for its organization and activities). Burak applied for the post and is the only one who did so far.

6:50 - 7:15: Discussion about the Student Letter for UniversEH 2.0; so far, Universities choose their student representatives; should students be elected by their peers for the future, and if so who would qualify as such? Thomas launches a Klaxoon for members of the SC to join; we discuss the subject there.

Milan reminds the team that the letter should not only contain what we should change for UniversEH 2.0, but also the things that we cannot. An inventory should be formally made of what has been brought up by students in order to improve the project.

Filip leaves the meeting at 7pm

7:15 - 7:30: discussion about the creation of a Student Council pin for former and current members of the SC

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## Work on UNIVERSEH 2.0 Student Feedbacks

### PROBLEMS IN UNIVERSEH FOR STUDENTS

Too late distribution of information about events, e.g., Summer School

Hard to keep an institutional memory in the student representation

Lack of legitimacy for student representatives when universities don't allow for elections

Student retribution

Lack of visibility for the students (most of them don't know that their institutions are members of Universeh)

### SOLUTIONS FOR UNIVERSEH 2.0

clear definition how to elect/appoint student representatives (standing order)

introduction to Universeh and its events for freshmen students every semester

Clear duration of our mandate

discussing of WPs before reassigning the student reps

General introduction on what is the SC, its goals and how it work  
Same for Universeh

Introduction for new members, so they know what to do

clear framework for local student groups

visibility events every semester for every university

programms with open curricula - permanent development of the curricula  
with and by the students

develop further mobility opportunities among the participating  
Universities

### Suggestions

Space student Clubs

Sessions to talk precise subjects with an expert in small groups

Travelling more

the perfect university should have a wide curricula which  
permanently adapts to the needs and interests of the students

Showing the connection between different subjects and space (humanities, economy and others)

Make it seeable on the degrees of the students that they participated in a Universeh program at some point

fortifying the courses with digital materials

student clubs focussing on Mobility, european cooperation, education development

common degree ceremony for the universeh students

78%



GRAPHIC MARKERS OF  
UNIVERSEH SC



student hat

Laurels

SC or Student Council

ellipse

ADDITIVE CONTENT  
WE COULD ADD

Stars and galaxies

EU stars

Planet(s)

eclipse

diploma

globe

SHAPE OF THE PIN

star

rocket

round

misc.

space ship



COLORS OF THE PIN

Universeh colours (blue, white, orange) Too classic?

Gold metal (like some we saw at IAC)

black and orange

just gold

midnight blue and bronze

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❖ Student Council of 27.01.23

**Online meeting**

**Attendees:**

Thomas Calvy (SC President)

Jules Coeuillet (Université de Toulouse)

Vyara Noncheva (Luxembourg)

Dagmara Stasiowska (AGH)

Miray Subashi (Düsseldorf)

Milan Grigull (Düsseldorf)

Long Chen (Düsseldorf)

Natalia Mizera (HHU)

Elizaveta Shashkova (Operational Project Manager for Beyond UNIVERSEH)

No representative from Lulea

04.00 - 04.15 Elizaveta introduces herself to members of the SC who don't know her yet. Gives a summary of her curriculum and her role in UniverseH: former SC President, member of the Steering Committee, Governing Board. Nowadays, Elizaveta is Operational project manager for Beyond UniverseH and responsible for student involvement. She works on the creation of ADN, supervising WP22 (Roadmap 2035 and Vision 2050), helping out with student activities, stakeholders... She gives her coordinates for members of the SC to reach out to her. She asks students to add her in copy of their emails regarding student activity.

04.15 - 04.20 Elizaveta asks if any of the SC members would volunteer to attend the event organised in Strasbourg by the European Parliament; France is still looking for someone, no other volunteer. Elizaveta leaves for about 15 minutes.

04.20 - 04.30 Thomas is talking about next meeting in Kiruna and unveils the names of the new WPs (cf. slides)

- WP1: Project Management
- WP2: Space crew (Students & Staff)

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- WP3: Space education
- WP4: Inclusion, diversity and sustainability
- WP5: Space innovation
- WP6: One entity
- WP7: Service to society
- WP8: Comms & dissemination

Thomas then focuses on the prerogatives of the WP2: Space Crew, which will be the most 'students focused'. Talks about many projects that this WP will be responsible for; train members of the SC and local teams in soft skills in order to help them manage the local projects, organise and finance local team projects (visits of Space-related facilities)

04.30 - 04.40 Elizaveta comes back. Small debrief with a few local teams: Düsseldorf is close to having a definite local team, Barak is planning to have it done in the upcoming weeks. Vyara has not planned to form a local team so far; she wonders if she has to create an official club in her University. Jules reminds her that ISAE-SUPAERO has done that in the University of Toulouse, but only to facilitate communication with the school administration.

Toulouse will take a moment in Kiruna to explain a bit more about how it came to creating a local student team.

04.40 - 04.50 Thomas talks about the pioneer club of UniverseEH. Elizaveta leaves to take a call. Quick reminder of the pin's project approved by the board. Miray will try to come up with a few designs among which the SC members will be able to choose one.

Thomas asks Elizaveta to make a list of all the former members of the Student Council so that they'll get a pin and join the UNIVERSEH pioneers.

04.50 - 04.55 Elizaveta talks about recognition of Student involvement; she would like to establish a certificate and would find it even better to hold an "official" event during which this award would be given to its recipients. A document has been written to give the conditions under which students can ask to receive this certificate. Such an event would probably be held in Düsseldorf around June, where multiple events are supposed to be held at around the same time.

04.55 - 5.00 Dagmara makes a quick reminder about a survey she has sent regarding WP4 aiming at starting a methodology to create partnerships within the space sector. She also talks about a new platform that WP6 would like to start regarding inclusiveness, especially about mobility within UniverseEH. They would need first stories from people with disabilities or any

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other experiences with mobility. They would like them to share their stories regarding this topic. She would be grateful if we could help her provide content for this new platform.

## 5- Minutes of the Steering Committee

### ❖ Steering Committee of 31.05.2022

#### **In person meeting in Krakow.**

##### **Attendees**

Nicole DITTRICH, Jonas EKMAN, Laura FRESCHINGER, Jean-Philippe GASTELLU ETCHEGORRY, Hélène GENTILS, Jean-Paul HOFFMANN, Débi KOUETE, René LAUFER, Mathilde MARCEL, Pascal MAUSSION, Burak USBASI, Florence VOITIER-SIENZONIT.

##### **Excused**

Eric TSCHIRHART.

##### **Discussions**

#### **1. Validation of the ToR of the Beyond UNIVERSEH Steering Committee**

Any added subject to the agenda must be sent at least 8 days before the steering committee meeting. If the agenda is full, the PM will propose that certain topics to be discussed in the next meeting.

The organisation of the Steering Committees may evolve if necessary.

Please see attached document for further details.

#### **2. Validation of the Risk Register**

2 changes:

- Reduction of the risk associated with the limitation of travel since travel is now possible again.
- Increase of governance risk as new partners are expected to join the consortium.

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Please see attached documents for further information.

### 3. Research Policy Council

Composition: 5 deans or vice-rectors for research from all members of the alliance and one student representative.

Role: overseeing all research and innovation activities and collaborating with the Advisory Board on technology transfer and innovation aspects of the project.

The Research Policy Council meets twice a year including once in person if possible.

Current composition:

University	Contact
<b>UFTMIP</b>	Grégoire CASALIS
<b>AGH</b>	Wiesław STASZEWSKI
<b>UDUS</b>	Stefan MARSCHALL
<b>LTU</b>	
<b>Uni.lu</b>	Jens KREISEL
<b>Student</b>	Thomas CALVY (UT)

### 4. WP updates

#### WP1

For WP1 contact list and deliverables list, please see attached pptx document.

The WP1 team is working on the Quality Assurance Report 1 that is due for August 2022. Global surveys are to be finalised, then submitted to the QAC for validation, then disseminated to WPs.

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Amendment: same amendment which is to be signed for UNIVERSEH. UT President and AGH Rector will sign it this afternoon after the Governing Board and the rest of the partners will handle them to their head of Universities.

All partners should use the proper Beyond UNIVERSEH communication materials. Available on the UNIVERSEH website under "resources" (password: communicate).

Our obligation regarding communication materials is to include:

- the EU logo
- the following text "This project has..."

Realisation and diffusion of agenda is mandatory for all meetings, as well as minutes including names of participants.

For our deliverables please don't forget to use the template available on the GWS.

## WP2

For WP2 contact list and deliverables list, please see attached pptx document.

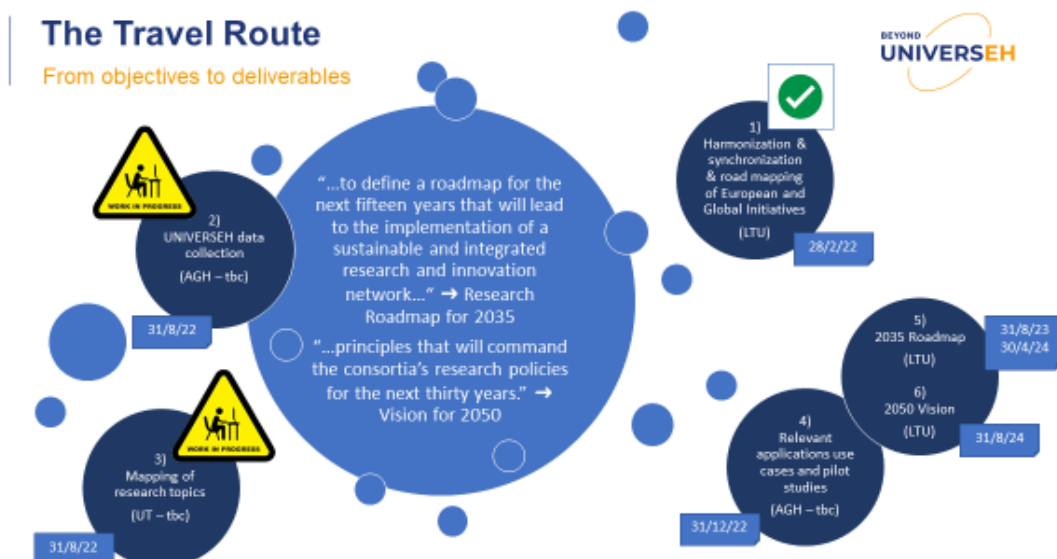
The upcoming WP2 deliverables for 2022 are:

- D2.2 Overview and results from the UNIVERSEH workshops and questionnaires for the state-of-the-art mapping activities (M12-August 2022)
- D2.4 Mapping of Space Technology oriented use cases/pilots and end-user driven needs (M16-December 2022)

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### WP3

For WP3 contact list and deliverables list, please see attached pptx document.

The objectives of WP3 “Towards a UNIVERSEH single lab & research community” include the concept of single lab and the concept of research community. Both aspects are in line with the EC communication “A new Era for Research and Innovation” from September 2020.

Regarding the single lab - T3.1 - Inventory & Selection (UT, all partners M1-M10):

Each university will make an inventory of its main assets and facilities, which could be candidate to be shared and remotely accessible (even remotely controlled) to other researchers of the consortium. A selection will be done for each university, also considering the local ecosystem.

The questionnaire has been defined, it will be on line soon, after beta test.

A help document “what is asked” has been written:

- What is Beyond Universeh? Who are the partners?
- How is it organized?
- What are the main tasks of the WP3?

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- What was written in the Beyond Universeh application form about the “single lab”?
- What was written in the Beyond Universeh application form about the “Research community”?
- What will be the «single lab»?
- What could be the links between the «single lab» and the «Research community»?
- Should the single lab involve all the partners of the project?
- What about funding?
- Who are the points of contact in your country?

Regarding the Research Community, the WP will work towards:

→ Creating a mapping of existing research topics, domains, tools and facilities in the space domain, in all academic fields, in order to identify common and complementary researchers, teams, projects, etc.

→ Some concrete actions will be set up to facilitate common projects and common dynamics: meeting of researchers, thematical workshops, mobilities of students and researchers, etc.

→ Identify also dedicated research calls from the EC, ESA, national agencies or other institutions, Marie Skłodowska-Curie Actions, calls under Cluster 4 Digital, Industry and Space, COST actions.

→ A specific focus will be given on diversity and inclusion.

→ Opportunities to collaborate and support the EC on the development of its initiatives for researcher’s careers such as the future ERA4You.

→ Opportunities to work with the EC on the development of its toolbox of support for researcher’s careers, and to provide feedback.

→ A 7-year vision which represents a pragmatic horizon to concretize actions in the consortium.

All academic disciplines related to the space sector are involved.

The WP3 has to be articulated with WP2 (UNIVERSEH research roadmap for 2035 & vision for 2050).

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#### WP4

For WP4 contact list and deliverables list, please see attached pptx document.

The upcoming deliverable is D4.5 Report on the economic opportunities for valorisation of research in space sector (M13- August 2022).

#### Progress on WP4 non-content:

- All partners have appointed representatives
- AGH team regular meetings take place
- Regular communication with representatives
- Provide input for other WPs (WP5 and WP3)
- No financial reporting issues reported
- AGH team members regularly taking part in local and international events aimed at broadening knowledge, i.e. regarding research funding possibilities
- AGH team discussing issues and taking initiatives on possible collaborations with organisations

#### Progress on WP4 content:

- Actively working on D4.5 report on the economic opportunities for valorisation of research in space sector (M12):
  - Partial input from partners
  - No reliable conclusions available yet, since still not at all information received
  - Will be discussed in the meeting
  - Expected to be on time
- D4.3 practical guide to state aid considerations in research development and industry (M18)
  - Input collected from partners except from TU and LTU
  - Will be discussed in meeting and

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- Expected to be on time

This guide will be aimed at researchers, developing collaboration with the private sectors.

### WP5

For WP5 contact list and deliverables list, please see attached pptx document.

The objectives of the WP5 are:

- Science Communication: Strengthen science communication skills of students, researchers and instructors through science communication trainings.
- Communication Platform: Promote exchange of ideas between scientists, students and citizens by developing a communication exchange platform for citizen science projects.
- Citizen Science: Include citizens' knowledge in the scientific process by organizing citizen science projects in the area of space science.

The upcoming deliverables for WP5 are:

- D5.1 Best practice report (M10- June 2022):

Structure of the report:

- o Introduction
- o Definitions of science communication & citizen science
- o Available institutional structures to promote science communication & citizen science activities
- o Best practice examples in the field of science communication
- o Best practice examples in the field of citizen science
- o Conclusion
- D5.2 Training on science communication (M16 – December 2022):

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	First Training Class	Second Training Class
Course title	<a href="#">Media training and use of social media for researchers</a>	(Blogging)
Target Group	PhD students and researchers	Bachelor & master students
Organized by	Junior Scientist and International Researcher Center (JUNO) at the HHU & WP5	WP5 of Beyond UNIVERSEH
Trainer	Robert Kötter from <a href="#">Zweirat</a>	<a href="#">Dr. Anna Soßdorf</a>
Date	September 9, & October 7, 2022, 10:00 am to 5:00 pm	In the winter term of 22/23 two dates will be scheduled
Number of participants	15	15
Location	Online	Online
Language of instruction	English	English

## WP6

For WP6 contact list and deliverables list, please see attached pptx document.

The upcoming deliverables for WP6 are:

- D6.1 Dissemination plan (M6 – delayed).

The team is complete except for student representative.

Reminder: Deliverable D.1 Dissemination planned due for February 2022 is delayed. To date, no estimated submission date. To be managed in next WP6 meeting planned on 01.06.22.

The WPs will be divided in 2 sub-group:

- a sub-group dedicated to institutional and political dissemination
- and another sub-group dedicated to communication issues proper.

For the moment there have been exchanges with 3 institutions or group that would be potential recipients of our dissemination work:

- Science Europe
- Asteroids foundation
- ForEU2

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## 5. ForEU2 Update- Joint statement of the 41 alliances for the renewal of the H2020 funding

Context:

- To date, even though the EC has said that there will be new funding to succeed the SwafS, it is still not known when and in what form
- Swafs funding for the 1st alliance ends next year and no funding to take over
- Statement mainly managed by the FOREU1 group and presented in the foreu2 swafs sub group
- It is important that this statement is brought to the attention of our national authorities (Ministries of Education, Innovation and Research, Horizon Europe contact point, E+ contact point)

## 6. Any other business

No AoB for this Steering Committee

### Summary of next steps

- UT to send a Doodle for the next Beyond UNIVERSEH Steering Committee

❖ **Steering Committee of 06.10.2022**

**Online meeting.**

### Attendees

Nicole DITTRICH, Laura FRESCHINGER, Jean-Philippe GASTELLU ETCHEGORRY, Hélène GENTILS, René LAUFER, Pascal MAUSSION, Burak SUBASI, Florence VOITIER-SIENZONIT, Tadeusz UHL.

### Excused

Eric TSCHIRHART, Jonas EKMAN

### Discussions

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## 1. Feedback on the IAC

The UNIVERSEH participation to the IAC was a success for the first event when UNIVERSEH had its own booth. The objectives set for the event have been achieved, a lot of exchanges with stakeholders took place, new ones have been identified. There was a good delegation of students, researchers and administrative staff.

On Tuesday 20th September a meeting took place with stakeholders. It was the opportunity to present working groups, aiming to make stakeholders work on various themes:

- Competencies & skills for the future
- Students' activities
- Lifelong education
- Inclusion & Diversity
- Humanities, Social and Human Sciences for Space
- Research for Society
- Entrepreneurship & Innovation
- Space for All

If you have identified subjects on which you would like advice from stakeholders, within the framework of these working groups, please contact Mathilde Marcel [mathilde.marcel@univ-toulouse.fr](mailto:mathilde.marcel@univ-toulouse.fr) so she can suggest the topic.

A question is asked on the frequency of meetings of these working groups, and the importance in terms of workload. The terms of reference of these groups are being drafted and the first meetings being planned, so it is not clear at this stage how often the groups will meet. These meetings will take place remotely, unless an even takes place which would make an in-person meeting relevant.

## 2. Research Policy Council

This governance body, only dedicated to Beyond UNIVERSEH, is chaired by Grégoire Casalis from UT, with representatives from all partner universities. The first meeting will take place on the 12th of October in Paris. The general aim of this meeting will be for the different members to know more about the project and how they will work and have this overview on the project.

Quick presentations are expected from WP leaders, to present the overall objective, what has been achieved, any difficulties encountered, relationship with stakeholders. All the information was sent by e-mail on Sept 22nd.

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### 3. Update on UNIVERSEH 2.0

The new call for renewal of UNIVERSEH has been published on the 4th of October, with a closing date on the 31st of January 2023.

In terms of consortium, the University of Tor Vergata has confirmed their commitment to be part of the UNIVERSEH Alliance, but the University of La Laguna have withdrawn their involvement.

The University of Athens have confirmed they are still interested to join the partnership so the UNIVERSEH office is currently planning for an interview between the University of Athens' rector and the Governing Board.

(Update after the meeting: The University of Athens is actually involved in the CIVIS Alliance and is therefore not available to join the project).

### 4. Meetings in Kiruna

The meetings will take place between 22nd and 24th of February. It will be possible to arrange WP meetings there. The programme is currently being prepared.

A [list of hotels](#) is available on GWS.

The Arctic winter school will take place the following week.

### 5. Travel funding issue

The problem was raised during WP3 meetings in Krakow and is still not fully resolved. Travels are expected for WP meetings, workshops (WP2 and WP3), trainings (WP3 and WP5), and dissemination actions. Primarily, the funding to be used for these travel is the SWAFS grant. So far, the spent related to travel for the SWAFS project has been rather low.

The travel issue is more important for LTU partners who need to spend an extra night in Stockholm to be able to travel to any of the partner's locations.

Pascal Maussion reminds the Steering Committee that the meetings have to be organised as part of the GA for WP3. In order to meet the project's objectives these in-person meetings are necessary. The proposal is to have one big workshop on Beyond UNIVERSEH with the various work packages, with various topics. This can be justified on grounds of cost-effectiveness and sustainability in terms of CO2 emissions. The meeting could take place in spring 2023.

Another option could be to use Erasmus+ staff mobility funds (more info here).

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Finally, if the travels can be linked also with a travel necessary for UNIVERSEH actions, the Erasmus + funds could also be used. If this is an option you would like to consider, please check with your WP1 referees if there are funds available on this line.

All partner's representatives need to discuss the best options so that a decision is made during the next steering committee.

## **6. Delays for deliverables - Feedback from the Project Officer**

A few deliverables needed to be delayed. Florence got an agreement for the delay of all the deliverables except one.

She will have a meeting again with the project officer to discuss this issue with WP6 deliverable: the dissemination plan. Due to this situation, the coordination team offered some support to the WP6 leader to draft some elements of the dissemination plan, who can then work with other WP6 colleagues to finalise the document. Another meeting will take place on the 7th of October with WP6 leader.

This is very urgent, something has to be delivered rather soon as the Project Officer is very concerned with the progress of Beyond UNIVERSEH.

All WP leaders are reminded to contact Florence whenever they face any difficulty, in order to plan any delay in advance.

## **7. WPs updates (see attached presentation also available on GWS)**

### WP1

See presentation

The current issue is related to the quality assurance report for Year 1, which is delayed due to the prolonged absence of a quality officer at UT. A dedicated meeting between the Quality Assurance Committee and WP leaders will take place just after the steering committee.

### WP2

René Laufer had to leave the meeting but an update on the progress of WP2 was sent (see attached presentation).

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### WP3

The single lab questionnaire has been circulated, responses received, and analysed, to produce the first deliverable that was due.

Most of the facilities are already available, some of them will be in the future. Most of them are already opened to the private sector. Discussions are ongoing to ensure that these facilities are opened free of charge for the members of the Alliance.

### WP4

The report on the cooperation with industry was delivered. 41 projects have been identified. 80% of these projects are related to the missions. There is no database in any university to support for marketing purposes, sending the offers but individual team leaders are offering themselves projects for industry.

The main goal is to answer the question: how to start the cooperation, define the contents of the guide, and who will be responsible to draft the different subjects. It is due in February 2023 and will be delivered on time.

### WP5

The best practice report on science communication and citizen science was submitted.

3 science communication trainings have been organised, 1 took place already, one will take place the day following the SC and another one in November. They are taking place online.

Lectures are being organised, along with space talks.

Citizen's UNIVERSEH platform is currently being created using the first citizen science project, which is the dictionary of space concepts.

WP5 is facing an issue with the diversity of participants in terms of University of origin.

### WP6

Eric Tschirhart was unavailable for this meeting but an update was sent (see presentation)

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## 8. AOBs

No AOBs were raised.

## 9. Next steering committees

A doodle for next 3 steering committees will be circulated in order to be able to better plan for the meetings.

### Actions

- Florence and students to set up a meeting to discuss the involvement of students in Beyond UNIVERSEH
- ALL to discuss the best options for the organisation of the workshops so that a decision is made during the next steering committee.

❖ Steering committee 05.12.2022

### Online meeting.

#### Attendees

Laura FRESCHINGER, Jean-Philippe GASTELLU-ETCHEGORRY, Hélène GENTILS, René LAUFER, Pascal MAUSSION, Florence VOITIER-SIENZONIT, Tadeusz UHL, Thomas KHUN, Débi KOUETE

#### Excused

Nicole DITTRICH, Eric TSCHIRHART, Mirail SUBASI

#### Agenda

1. Feedback Research Policy Council
2. Update on UNIVERSEH 2.0
3. Beyond UNIVERSEH workshops

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4. WPs update
5. AOBs: Update FOREU2 SwafS Follow-up
6. Next steering committees

### **Supporting documents**

- Full presentation
- Template Policy brief
- 5 and 7 December e-mails: “[Beyond UNIVERSEH] Online Steering Committee/ Monday, December 5, 4-5:30 pm”
- 14 December e-mail: “[Beyond UNIVERSEH] Links b/w Beyond UNIVERSEH and UNIVERSEH 2.0”
- 15 December e-mail: “Beyond UNIVERSEH- Dissemination plan”

### **Discussions**

#### **1. Feedback Research Policy Council**

Reminder of the list of deliverables to be reviewed by the Research Policy Council before submission to the European Commission.

- WP2: Deliverable 2.5- 2035 Roadmap (due date M32) / Deliverable 2.6- 2050 Vision (M36):
- WP3: Deliverable 3.7- Blueprint for UNIVERSEH single lab and research community (36).
- WP4: Deliverable 4.1- Roadmap for the creation and operation of the Virtual Centre for Space Technologies within three years (M36) / Deliverable 4.4- Model cooperation agreements focusing on specific collaboration in space sector (M30)
- WP5: Deliverable 5.5- Report on citizen science projects (34)
- WP6: To be determined by WP6. 2 suggestions: Report for the strengthening of the Beyond UNIVERSEH dissemination plan (24)/ List of relevant stakeholders (36)

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## 2. Update on UNIVERSEH 2.0

### UNIVERSEH 2.0

Deadline for submission 31 of January 2023.

UNIVERSEH consortium enlargement:

Two new partners officially joined the consortium by Accession Agreement letters: The University of Tor Vergata (Italy) and the University of Namur (Belgium).

- Implications for UNIVERSEH: partners joined Governance bodies with a voting rights
- Implications for UNIVERSEH 2.0: they are involved into the preparation of the new application.
- Implications for Beyond UNIVERSEH: need to be discuss during the next governing board that will take place in April – suggestions: partners can join with voting rights, be involve in the meetings and are free to bring some input and participate to the implementation of some activities.

Links, contact points between UNIVERSEH 2.0 and Beyond UNIVERSEH:

	Lead	Co lead
<b>Project Management</b>		
1 General management, quality, processes, risks, funding. <i>Links with Beyond WP1</i>	UT	AGH
<b>Space crew (Students &amp; Staff)</b>		
Mobility, summer/winter schools, workshops&conferences, staff seminars, team building, multilingualism, link with stakeholders. <i>Possible links with Beyond WP3 for researchers mobilities.</i>	HHU	UTV
<b>Space education</b>		
Courses, pedagogical innovation, programmes, interdisciplinary methods, humanities. <i>Possible links with Beyond WP2 and its roadmap 2025 and visions 2050</i>	UT	LTU
<b>Inclusion, diversity and sustainability</b>		
Staff seminars, trainings, awareness, outreach, good practice, code of conduct. <i>Possible links with Beyond WP3 for researcher community</i>	AGH	UT
<b>Space innovation</b>		
Entrepreneurship, IP, research, link with stakeholders. <i>Possible links with Beyond WP4, WP3 and WP2</i>	UTV	Uni lu
<b>One entity</b>		
Legal entity, Common diploma, IT infrastructure, economical sustainability of the Project <i>Possible links with WP3 for the common lab</i>	Uni lu	UN
<b>Service to society</b>		
Coordination of link with stakeholders, general public, future students, citizen science, observatory of skills & competencies. <i>Possible links with Beyond WP5 and the citizen science project</i>	LTU	AGH
<b>Comms &amp; dissemination</b>		
8 <i>Links with Beyond WP6</i>	UN	HHU

Source: Slide 10 of the presentation

The Erasmus + call does not allow for the integration of research activities. However possible links between UNIVERSEH 2.0 and Beyond UNIVERSEH can be made.

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Each WP leaders presented the vision and the content of their respective WP so it will be easier for Beyond UNIVERSEH WP leaders to see how they can connect.

All the documentation is on the GWS under General information>UNIVERSEH 2.0.

For additional information please refer to the “Links b/w Beyond UNIVERSEH and UNIVERSEH 2.0” e-mail of the 14 December.

#### Beyond UNIVERSEH follow-up and new funding:

Pascal MAUSSION gives feedback of a FOREU2 meeting with the European Commission and SwafS project leaders. Vanessa DEBIAIS-SAINTON (Head of Unit Higher education, DGEAC) is well aware of the need of extra funding for some alliances to develop their research activities however nothing has been written and there is no concrete signal for future call dedicated to European Universities’ research actions.

Alliances are highly invited to apply to some existing calls related to research activities (as the Marie Skłodowska Curie research grants).

For further details on potential other funding, please refer to AoB section.

### **3. Beyond UNIVERSEH workshops**

Update on the organisation of the workshops

- Options 1: the workshops will take place in Toulouse (early May to be confirm as it need to match with the calendar of universities to ensure that they have students).
- Option 2: the workshops will take place in Düsseldorf in June. Just before or just after the general meetings. Discussions between the local team of HHU and Pascal MAUSSION are underway.

UPDATE after the meeting: Dusseldorf will not have the capacity to host general meetings, summer school, diversity conference and Beyond UNIVERSEH workshops in the same month.

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- Option 3: Florence VOITIER-SIENZONIT will ask to the team of the University of Namur if they are able host the workshops.

#### 4. WPs update

##### WP1

Quality assurance report year 1

1st quality assurance report is being finalised. Will be sent for validation to the Quality Assurance Committee and submit before Christmas holidays.

Quality assurance report year 1 in a nutshell:

- Data incomplete for most of WPs because we are early in the project and a lot of tasks/activities have not started.
- During the first year we succeeded to address most of the Alliance's disciplines. Science and engineering is the best represented. Followed by, medicine, economy and human science (WP2 and WP3)
- Good geographic repartition of our activities: all partners are involved in all WP. One WP is leaded by a team located in Kiruna.
- Good involvement of the Alliance in the joint actions of European Universities
- So far, low representation of women and PhD students in our activities (WP5 trainings).
- So far, low dissemination of our key activities/documents including within our institution. Can also be explained as we are early in the project.

##### *Policy brief*

The Policy brief is a mandatory deliverable due at month 18 (end of February 2023). It is a tool for the EC to monitor their policy.

Contribution of WP leaders is needed to complete this deliverable.

The report should not exceed 4,5 pages' maximum.

The report counts 2 parts:

- Part 1- Feedback on progress
- Part 2- Policy recommendation

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#### Proposition of work plan:

- Dissemination of the document in WP teams- Links between WPs if relevant. Who: PM- All WP leaders. When: Right after the steering committee and before January 13th.
- First raw feedback from each WP based on the topics most relevant to them- Who: WP leaders to PM. When: January 13th.
- Compilation of the WP feedback and dissemination to the steering committee (Online document on the GWS) – Who: PM. When: January 16th.
- Validation of the general content by the steering committee/ Information of the governing board - Who: Steering Committee. When: January 20<sup>th</sup>
- First draft with all WP inputs- Who: All WP leaders. When: February 9<sup>th</sup>
- Final draft and dissemination to the Governing board- Who: All WP- PM for dissemination to SC and GB. When: February 17<sup>th</sup>
- Validation in Governing Board in Kiruna- Who: Governing Board. When: February 22-24

#### *Progress report*

Mandatory report due for end of April or May. Not very clear in the grant agreement. A request for confirmation is to be made to the PO.

The policy brief will help for that will help for the progress report. To date no template.

Contribution of all WP leaders will be necessary. A work plan will be proposed at the next steering committee in Kiruna.

Evaluation of the progress report – Being under a lump sum grant, the evaluator will pay a particular attention on the quality of deliverables. If a deliverable is appreciated as rushed the EC may ask for it to be redone within 2 months.

#### WP2

To date two deliverables have been delivered:

- Harmonisation activities with EC, ESA, UN and related PPPs and projects
- Specification and execution of the UNIVERSEH data collection via strategic intelligence, interviews, and workshops

Due to the covid pandemic the workshops have been delayed. Work with WP3 to organise joint workshops.

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The WP2 recently used the results of a previous H2020 project coordinated by LTU; RIT-SPACE FOR INNOVATION AND GROWTH. The project was useful to identify the main current themes related to Horizon Europe and the space domain.

For its next actions, WP2 will rely on and collaborate with the actors of WP3.

Issue concerning the person/month allocated for this WP: The available resource is considered insufficient. Discussion between partners within WP2 is needed to know how to deal with this problem

Due to this issue, postponement to be planned for deliverable 2.4 with no estimated date for now. A tentative schedule will be known after a consultation of partners.

### WP3

Inventory of facilities have been achieved with at least two platforms per partner. In line with joint work with WP3 a selection of platform is to be planned in the next few months.

Identification of indicators for diversity and inclusion has been completed. Specific indicators for diversity related to space sector will be drafted.

Urgent matters:

- Organisation of workshops for identification of synergies and major programme: idea to merge the workshops with other UNIVERSEH actions as general meetings and summer school. Tadeusz stresses that organising a workshop in June may be too late if one is aiming for an application for the Marie Curie doctoral network programme in the autumn.
- Identification of a major programme

### WP4

WP4 is currently working on:

- Deliverable 4.3 Practical guide to state aid considerations in research, development and innovation and Industry due for Feb23/M18.

The idea is to write a practical guide useful and accessible for all partners and not to repeat handbooks that already exist. The structure of the document is currently being discussed. a question and answer section for and by students will be developed.

- Deliverable 4.5 Report on the promotion of researchers in the space sector to the economic world due for Feb23/M18

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AGH welcomes in its team a new member, Łukasz Wilczyński who will bring its expertise in strategic creation and communication to achieve this deliverable.

## WP5

Best practice report delivered in summer (M10)

Ongoing actions:

- Science communication training sessions: 3 sessions so far since September 2022. One session has to be postponed because only one participant. For the last online session 11 registrations but only 3 students attended despite a wide communication. It will be necessary to think about how to attract more participants for the next sessions.

Report on science communication due for end December is being finalised by the WP5 team and will be submitted in time.

- Discussion about the UNIVERSEH citizen science project platform. Ongoing discussions with the Luxembourg team regarding the development of the platform. Other tool will be considered to promote the citizen science project (youtube channel...)

- Design of the UNIVERSEH citizen science projects: 2 projects.
- Dictionary of Space Science developed together with UNIVERSEH WP2
- Time Perception developed together with the Space Technology Center AGH

## WP6

The dissemination plan is being finalised within WP6. It will be circulated to WP leaders for feedback.

For further information, please refer to 15 December e-mail: "Beyond UNIVERSEH-Dissemination plan".

## **5. AOBs: Update FOREU2 SwafS Follow-up**

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Update on the continuation of the SwafS

No continuation of the SwafS support as such.

The EC redirects us to a call of the Horizon Europe transversal pillar "Widening participation and strengthening the European Research Area". Destination #1 ACCESS: Excellence funding for capacity building of HEIs.

It remains funds for coordination and support action (CSA). The call is not exclusive to European Universities. 10 to 20 projects will be funded with funding from 2 to 5 million per project. Research activities can represent up to 20% of the total project budget.

The call will be released on January 10 and will be closed on April 12.

It should be noted that it is a call of the "widening" that means that the project must focus on the "widening countries" which are the main target of this pillar. To date in the partnership, only AGH is part of a widening country.

For further information, please refer to 5 and 7 December e-mails: "[Beyond UNIVERSEH] Online Steering Committee/ Monday, December 5, 4-5:30 pm".

## 6. Next steering committee

- In person meeting in Kiruna. 22-24 February. The exact date will be communicated.
- Online meeting to be planned for early April
- In person meeting in Dusseldorf. 13-16 June. The exact date will be communicated.

## Summary of next steps

- Feedback from WP6 on the deliverables to be reviewed by the Research policy council
- Determine a venue for the Beyond UNIVERSEH workshops (WP2-WP3)
- Feedback from the partners for the next Horizon Europe - Excellence funding for capacity building of HEIs call

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## 6- Minutes of the Research Policy Council

### ❖ Research Policy Council of 12.10.2022

#### **In person meeting in Paris.**

##### **Attendees**

Stefan Marschall (UDUS), Tadeusz Uhl (AGH, WP4 leader), Thomas Kuhn (LTU), Eric Tschirhart (Uni.lu, WP6 leader), Wieslaw Staszewski (AGH), Laura Freschinger (HHU, WP5 leader), René Laufer (LTU, WP2 leader), Pascal Maussion (UT, WP3 leader),  
Hélène Gentils (UT), Florence Voitier-Sienzonit (UT)

##### **Excused**

Grégoire Casalis (UT), Jens Kreisel (Uni.lu) represented by Eric Tschirhart.

##### **Attachments:**

- Research Policy Council's terms of reference (as approved by the Council)
- Presentations of WP leaders (updated)

##### **Discussions**

Grégoire Casalis is unable to attend and chair the meeting due to health issues. Stefan Marshall agreed to act as formal chair of the meeting.

### **1. Terms of reference**

Each governance body in Beyond UNIVERSEH has terms of reference which defines the functioning of the board.

The terms of reference are accepted with the following modifications:

- leave open the possibility for the meetings to be held online if a meeting in person is not possible (ex. Covid lockdown).
- precise that we are talking about “common” research programmes.

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- remove “education activities” ET: “education and research activities”.

Florence will send the amended document with a list of modifications.

Following discussion, the members of the Research Policy council agree that their role is to advise the project for all strategic issues around research, and in particular to give advice on any strategic deliverables.

The list of these strategic deliverables is the following:

- WP2: Roadmap 2030 and vision 2050:

- Deliverable 2.5- 2035 Roadmap:

Delivery of the finalised 2035 UNIVERSEH space research and technology roadmap.

- Deliverable 2.6- 2050 Vision:

Delivery of the finalised 2050 UNIVERSEH space research and technology vision.

- WP3: Towards a UNIVERSEH single lab & research community

- Deliverable 3.7- Blueprint for UNIVERSEH single lab and research community:

Document containing all the necessary elements for the implementation of a potential lab without walls. This document will include: - the identification of a joint PhD programme, - the identification of a major programme, - the definition of a process to monitor the mobile ties of researchers based on researchers reports -the monitoring of indicators for inclusion and diversity.

- WP4: UNIVERSEH knowledge transfer and innovation strategy:

- Deliverable 4.1- Roadmap for the creation and operation of the Virtual Centre for Space Technologies within three years:

This roadmap will include primary strategic principles and potential timelines for the transformation of the Virtual Centre for Space Technologies into a physical entity within four years, with the collaboration of the members of UNIVERSEH.

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- Deliverable 4.4- Model cooperation agreements focusing on specific collaboration in space sector:

This document will include: - General policy on collaboration between public actors (universities and research centres) and the space industry sector - Practical guide to spin-off companies for drafting collaborative agreements and contracts with commercial companies within the space sector.

- WP5: UNIVERSEH outside the lab-with and in society

- Deliverable 5.5- Report on citizen science projects:

Report and evaluation of first pilots to engage citizens in the study program and the research

- WP6: Dissemination and collaboration with policy makers and other European Universities

The issue of relevant deliverables to be reviewed by the research policy council was not discussed during the meeting.

WP6 to propose deliverable(s) to the council.

## **2. Presentations from work package leaders (see attached presentations)**

Presentations by WP leaders to give context to the members of the Research Policy Council.

General remark

Pr. Wieslaw Staszewski would like to get more information around WP2, as the Research Policy Council know what the work packages are but the members need more information on progress and issues if any.

Update after the meeting: The WP leader, René Laufer, completed his presentation. The updated presentation is attached.

## **Actions**

- Florence to circulate the terms of reference amended as per the Research Policy Council's remarks
- ALL WP leaders to take into account time for advice from the Research Policy Council on their strategic deliverables ahead of submission.

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