



UNIVERSEH

European Space University for Earth and
Humanity

Jan. 2021

NEREUS Presentation

Feb. 22nd 2021

Emmanuel Zenou



Our ambitious project...

Main concept



Creation of a European University focusing on **space sector**, and taking into account
social, societal and environmental challenges.

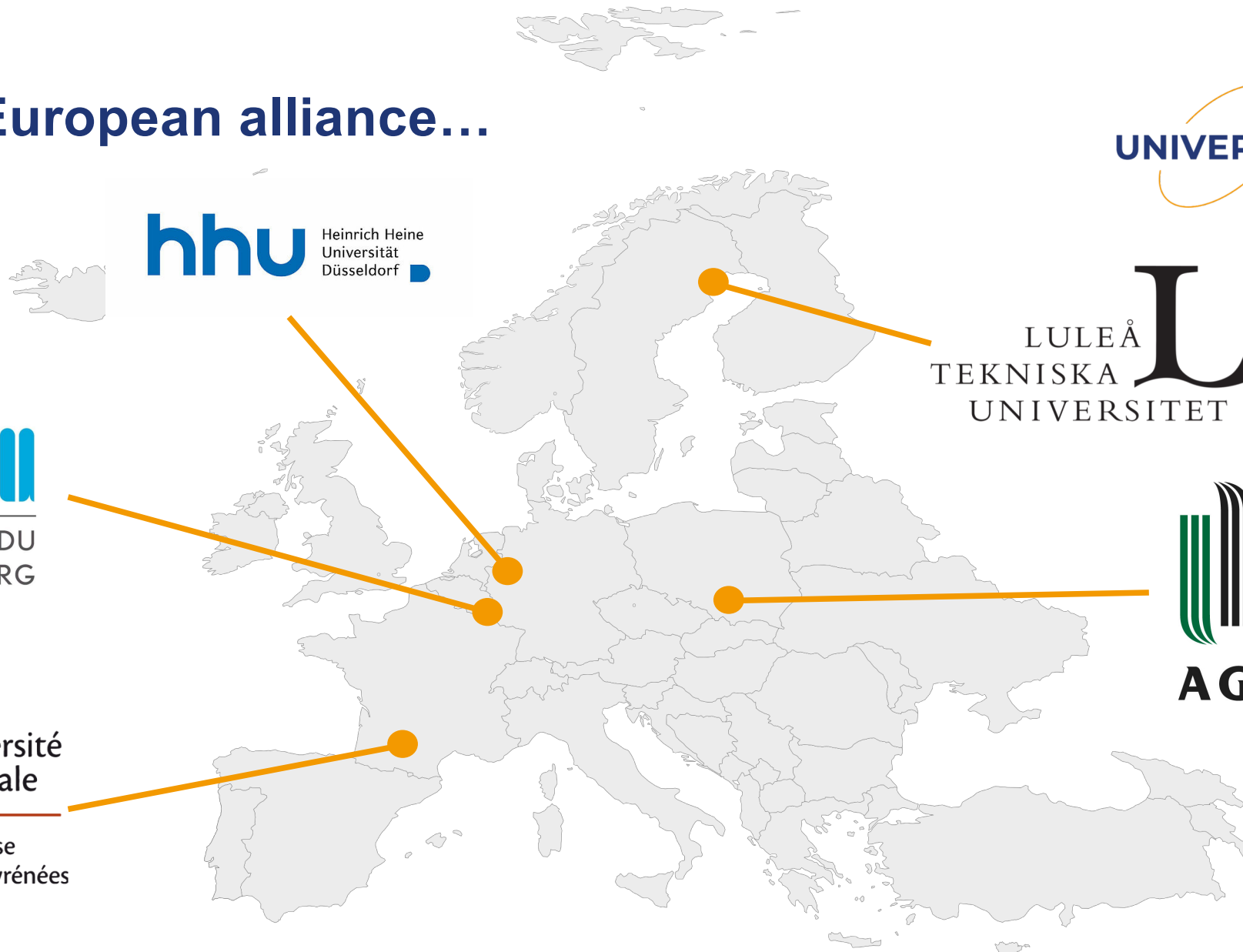
A **comprehensive** University focused on the space sector

European Space University for **E**arth and **H**umanity

UNIVERSE**H**

A pan-European alliance...

5 partners

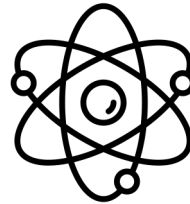


A comprehensive University

6 disciplines



Science & Engineering



Economy, Business & Finance



Medicine & Health

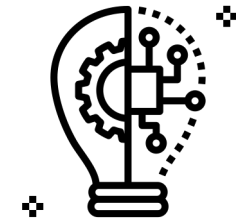
Human & Social Sciences



Art & Cultural Studies



Innovation & Entrepreneurship





The Space sector

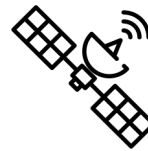
4 sections

Our Earth: Social, Societal &
Environmental Challenges

Sustainable Space

Space Settlement & Resources

Space Exploration & Deep Space



The Space sector

Our Earth



Social
Geography



Geo Data
& AI



Navigation
& Mobility



Agriculture



Earth Sciences

Our Earth: Social, Societal &
Environmental Challenges

Sustainable Space

Space Settlement & Resources

Space Exploration & Deep Space



Climate
Change



Geopolitics



And much more...

The Space sector

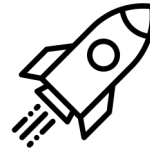
Sustainable space

Our Earth: Social, Societal & Environmental Challenges

Sustainable Space

Space Settlement & Resources

Space Exploration & Deep Space



Access to
Space



Space Law



Military
Issues



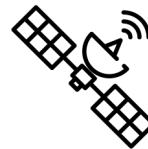
Space Debris



Satellite
constellations



Earth
Observation



And much more...

The Space sector

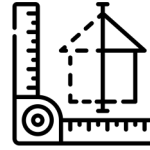
4 sections

Our Earth: Social, Societal & Environmental Challenges

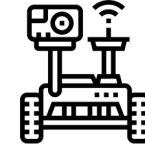
Sustainable Space

Space Settlement & Resources

Space Exploration & Deep Space



Architecture



Robotics @ AI



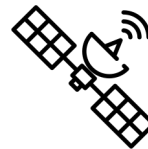
ISRU



Telemedicine



Water Mgmt



Confinement



And much more...

The Space sector

4 sections

Our Earth: Social, Societal & Environmental Challenges

Space Sustainability

Space Settlement & Resources

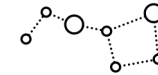
Space Exploration & Deep Space



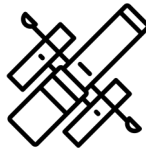
Litterature



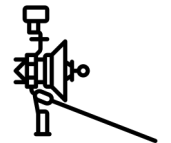
Sci-Fi



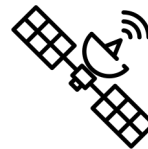
Cultural Studies



Deep Space



Space Probes



And much more...

A comprehensive University on the Space Sector



Our Earth

Space Sustainability

Space Settlement & Resources

Space Exploration & Deep Space

Science & Engineering



Economy, Business & Finance

Medicine & Health

Human & Social Sciences

Art & Cultural Studies

Innovation & Entrepreneurship

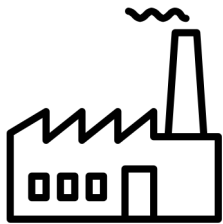
			
			
			
			
			
			

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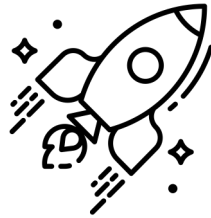
Courses
/
options
/
programmes

A wide range of partners...

In 5 countries, and more !



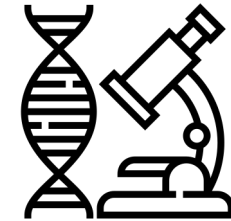
Industrials



Space
Agencies



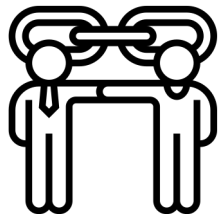
Public
Authorities



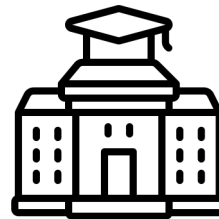
Labs



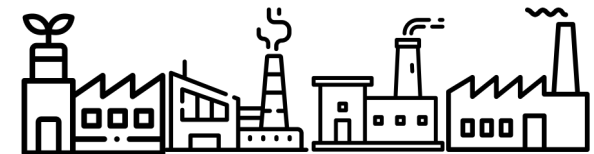
Students



Associations



Academics



SMEs

toulouse
métropole



technoport®
technology business incubator



Together
ahead. RUAG

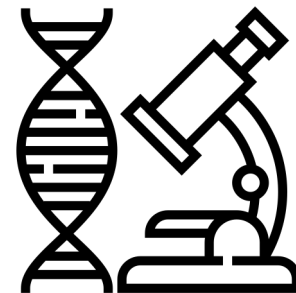


Beyond UNIVERSEH

Proposal (SwafS call)

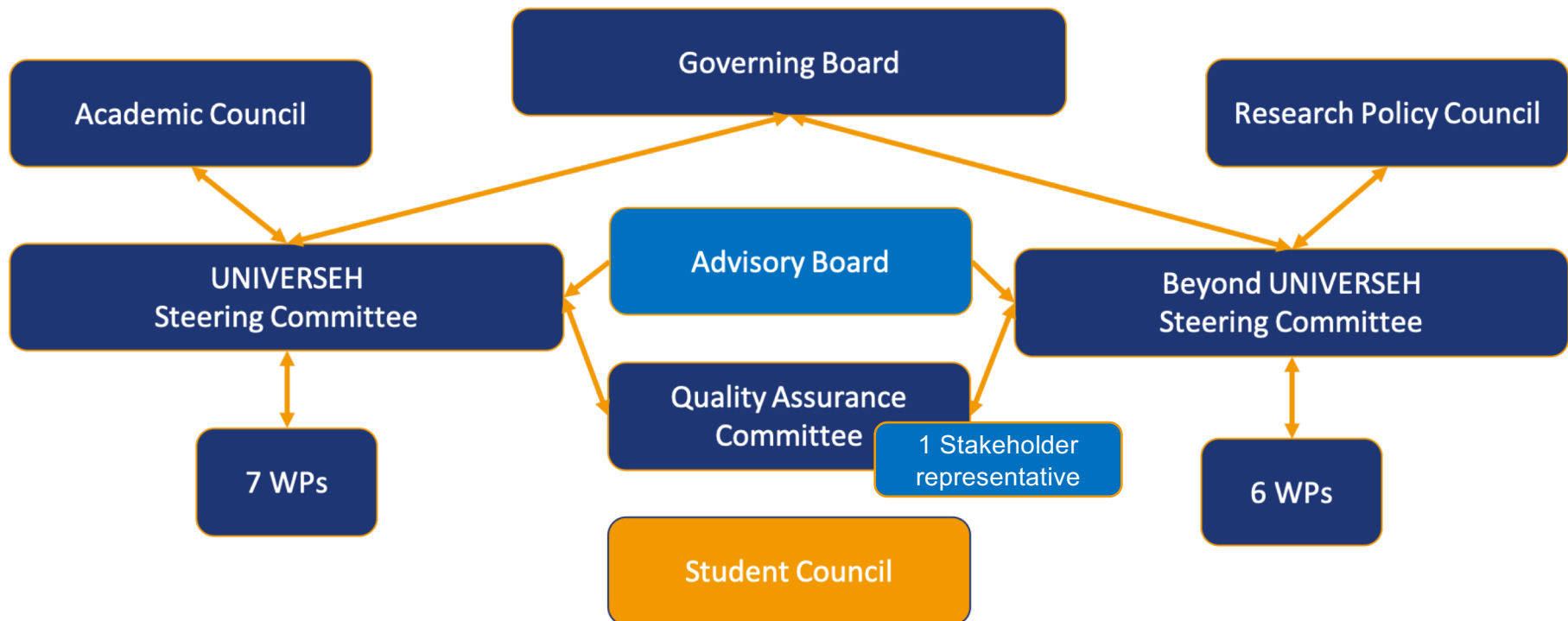


- | | |
|--|-----|
| 1. General Management & Coordination | UFT |
| 2. UNIVERSEH research roadmap for 2035 & vision for 2050 | LTU |
| 3. Towards a UNIVERSEH single lab & research community | UFT |
| 4. UNIVERSEH knowledge transfer and innovation strategy | AGH |
| 5. UNIVERSEH outside the lab | HHU |
| 6. Dissemination and collaboration with policy makers
and other European Universities | LUX |



Governance

UNIVERSEH + Beyond UNIVERSEH



Working Groups

Advisory Committees



Mobility & Multilingualism

Interdisciplinary & Cross-Sectorial Curricula

Innovative Pedagogical Models

Entrepreneurship & Innovation

Equity, Inclusion & Innovation

Sustainability & Dissemination

UNIVERSEH research roadmap for 2035 & vision for 2050

UNIVERSEH single lab & research community strategy

UNIVERSEH knowledge transfer and innovation

Dissemination and collaboration with policy makers and other European Universities

Members

Advisory Board & Advisory Committee



“ In addition of the governing bodies, an ***Advisory Board*** is established to **coordinate stakeholders’ involvement** in the project ”:

The ***Advisory Committee*** regroups **all interested stakeholders** in the UNIVERSEH project: academics, members of the higher education community, public agencies, industries, SMEs, local and national public authorities, national and European agencies, local-scale and European-scale associations, etc.

The ***Advisory Board*** is a **representative subgroup** of the advisory committee. It should reflect, as much as possible, a good geographical distribution and a distribution of different types of stakeholders.



Toward UNIVERSEH Club?



The club shall regroup all partners of the UNIVERSEH Project

Objectives

- To help the UNIVERSEH project in its tasks & objectives
- To participate to WPs
- To develop cooperation & interaction among partners
- To develop win-win cooperation between stakeholders and UNIVERSEH members

Do not hesitate to contact us!

THANK YOU

