



Erasmus+

Reshaping the future of space education via multidisciplinary, inclusive, and sustainable learning and teaching activities

Space Edu

Session 1: Presentation of the Grant Proposal

Kick-off meeting
Feb 24, 2023

INRAE
science for people, life & earth



ARISTOTLE
UNIVERSITY OF
THESSALONIKI



Agenda

1. Welcome
- 2. Session 1: Presentation of the Grant Proposal**
3. Session 2: Progress Report and Interim Report
4. Session 3: Financial issues
5. Session 4: Presentation of the Programme Agenda for 2023

Space Edu: Scope of the project

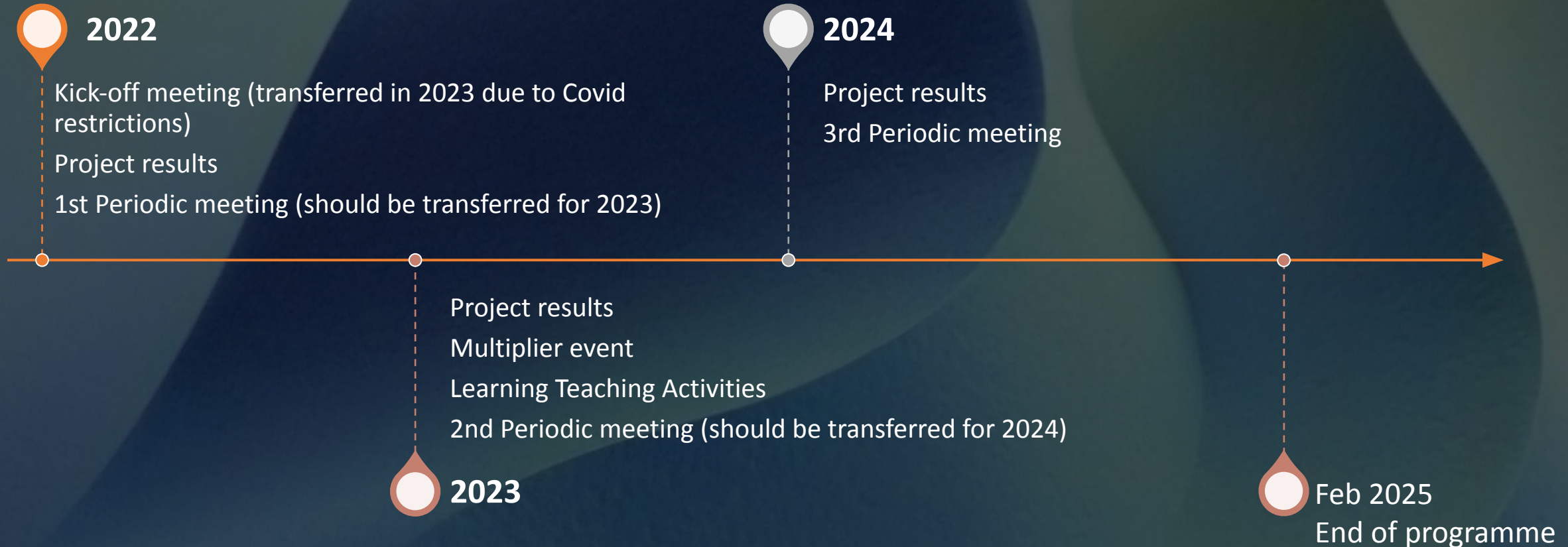
- Project's aim is **to create new opportunities for people in higher education to learn and to work together** on joint projects to develop good learning and teaching, undertake excellent research **and promote innovation in a** highly interested but rather limited taught **field of study; Space Technologies.**
- Our aim is **to explore new ways of engaging student community to space science** with a special focus on space-related technologies and how to enact reforms in science and engineering education so that EU academia could gain technological ground.
- Space Edu project **aims at successfully addressing this objective by delivering classroom materials in order to reshape space education.**

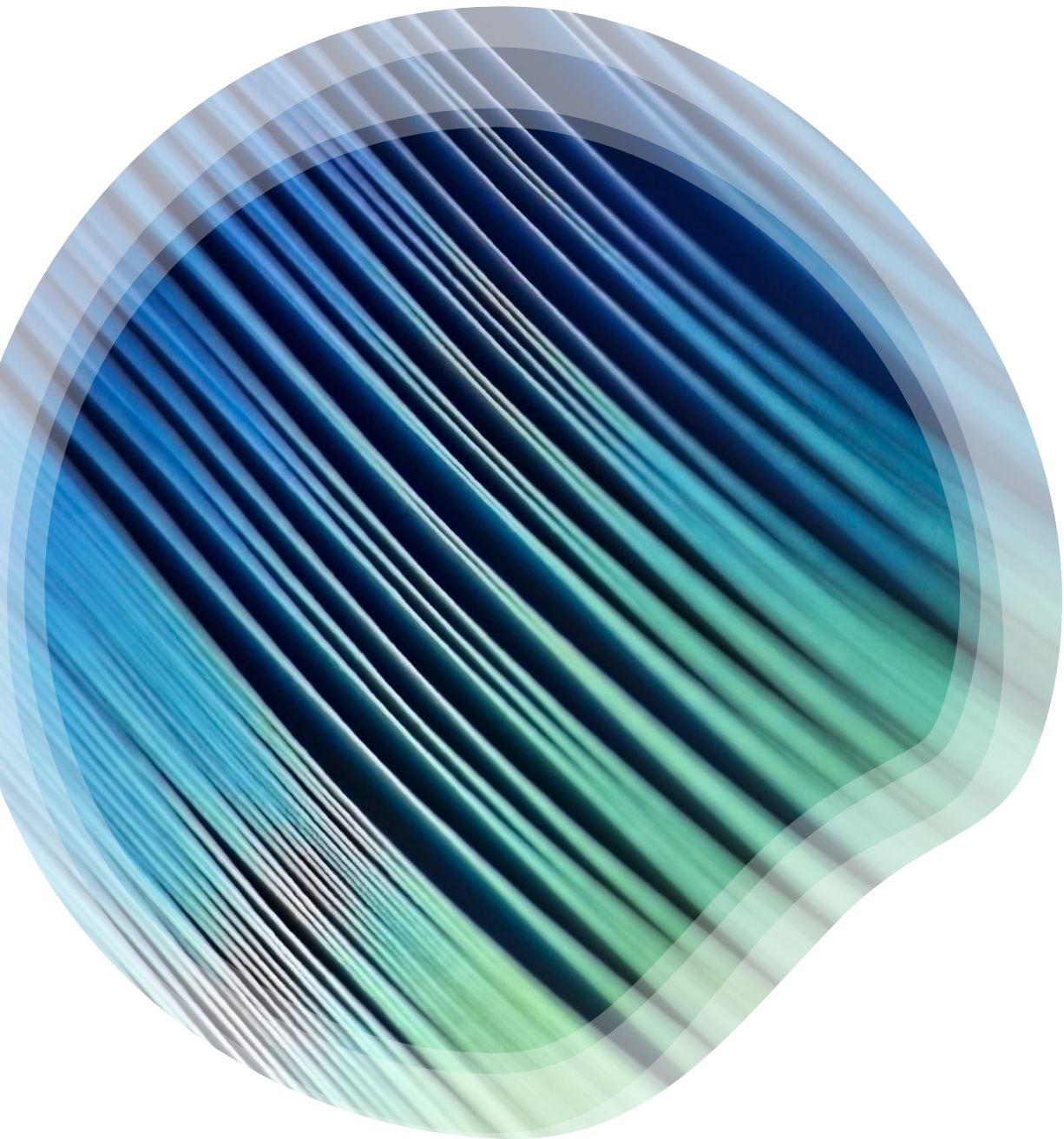
Activities

ID	Activity type	Starting period	End of period	Activity title
1	Project results	2021 - 11	2024 - 10	Educational material for undergraduate course (syllabus, preparation of labs, presentations, video text)
2	Project results	2021 - 11	2024 – 10	Courses
3	Project results	2021 - 11	2024 – 10	Feasibility studies
4	Transnational project Meeting	2021 - 11	2021 – 11	Kick – off meeting
5	Transnational project Meeting	2022 - 11	2022 – 11	1st periodic consortium meeting
6	Transnational project Meeting	2023 - 11	2023 – 11	2nd periodic consortium meeting
7	Transnational project Meeting	2024 - 11	2024 – 11	3rd periodic consortium meeting
8	Multiplier event	2022 - 05	2022 – 05	Transnational conference
9	Learning Teaching Activities	2023 - 08	2023 – 08	Summer course on Space and Technology 4All

Project timeline (36 months, starting at 28/02/2022)

Grant agreement was signed on April 2022





Project results

Educational material for undergraduate course (syllabus, preparation of labs, presentations, video text)

Courses on Space and Technology

Feasibility studies

Project result 1: Educational material for undergraduate course (syllabus, preparation of labs, presentations, video text)

01

The task refers to the design, development and maintenance of a **digital educational platform**. Task leader will coordinate the design and development of the platform.

02

Together with partners will provide educational methods and learning content, including a syllabus.

03

Senior and junior teaching staff will work together.

Project leader: AUTH

Participating Organizations: UNINA, UKIM, INRAE

Duration: Start – October 2024

Project result 2: Courses



The Space Studies Course, will be an intense **two-month skill development course** for undergraduate and postgraduate students and professionals of all disciplines.



The Leading Partner in cooperation with Contributing Partners will prepare a series of lectures in each field of study that will be designed primarily for non-experts.



The Leading Partner will prepare the syllabuses in cooperation with UNINA and UKIM. The Contributing Partners will prepare specimen papers will develop teacher guides.

Project leader: AUTH

Participating Organizations: UNINA, UKIM

Duration: Start – November 2024

Project result 3: Feasibility Studies

Studies on educational space programmes in Europe.

The Contributing Partners under the coordination of leading partner, will conduct preliminary analysis, and conduct surveys and review study programmes of Universities across Europe.

All partners will provide a detailed report on the status of space education and the recommended actions in their countries.

Project leader: AUTH

Participating Organizations: UNINA, UKIM, INRAE

Duration: Start – November 2024

Multiplier event

Organization of an International conference on Space and Technology for undergraduate students in Thessaloniki

Undergraduate students from different countries will actively participate in the conference organization with the aid of senior researchers

Local participants 45
Foreign participants 30
Virtual participants 85

Grant support for multiplier events can only be asked for if the project intends to produce substantial project results

Project leader: AUTH

Participating Organizations: UNINA, UKIM, INRAE

Duration: 05-05-2022 – 08-05-2022

Learning, Training Activities

Summer Course on Space and Technology 4All

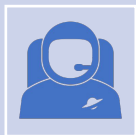
Country of venue: Greece

Participating Organizations: UNINA, UKIM, INRAE

Duration: 08-2023 – 08-2023 (4 days – 3-7 July 2023)



The proposed summer course on "Space and Technology 4All" is suitable for senior undergraduate and graduate students.



The program aims to provide advanced techniques of space engineering and understanding the core physics principles related to space exploration. Space industry problems are also considered during the program in addition to technology and legal topics.



The speakers will be academics from the cooperation partnership partners, such as AUTH, UNINA and UKIM and other universities and research organizations such as INRAE, as well as operators in the field of space industries and institutions.

Activity details



The Leading Partner in cooperation with Contributing Partners will prepare a series of lectures in each field of study that will be designed primarily for undergraduates and young graduates.



There will be separate preliminary tasks for each contributing partner with a define timeline and progress monitoring.



Core lectures will be prepared for the course.



The Leading Partner will prepare the syllabuses in cooperation with UNINA, UKIM, and INRAE.



The Contributing Partners will prepare parallel workshops, in order to help learner to develop their communication skills and come closer with students with different cultures and background from all over Europe.



Contributing Partners will prepare the panel, the travel and accommodation of participants and lecturers etc.

Summary of Groups of Participants

Sending organization	Type of participants	No. of accompanying persons	Travel days
INRAE	10 learners 2 staff	1	5
UKIM	10 learners 2 staff	1	5
UNINA	10 learners 2 staff	1	5

Criteria of selecting students

they must have a strong interest in developing competences and skills on space science and share experiences on the project;

they must have an interest in discovering experiences and points of view of individual coming from other Erasmus countries; and,

they must have the possibility to support the network with their career.

Impact, assessment, interim reports



- Important dates!
- **Progress report due to March 2023 (reporting period Feb 2022 – Feb 2023)**
- Interim report due to October 2023 (reporting period Feb 2022 - Sep 2023)
- Final report due to Feb 2025

The essays and documentation should be ready earlier!



Thank you!

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End of Session 1

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