ARIES

Augmented and immersive **R**eality for **I**mproved **E**ducation in **S**chools in **E**urope

Project: 2023-1-IT02-KA220-SCH-000159590

Kick off Meeting, 26th October 2023

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Objectives

- Feasible and low-threshold, and low-cost facilitation concepts for **secondary school teachers** and learning modules for secondary school **students** on Augmented and Immersive Reality (A&IR) learning technologies

- School teachers and students will be equipped with the necessary skills and competences to facilitate and apply innovative learning approaches and open-source A&IR learning technology solutions in existing courses, curricula and study projects.

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Activities

- Stocktaking of A&IR learning experiences in secondary schools contexts across Europe

- Develop competence frameworks on A&IR

- CPD for teachers

- Transferable certified courses for students and teachers on A&IR;

- An open learning hub providing accessible offers for learning and facilitation of A&IR and a simple and affordable A&IR educational content development and fruition tool that can be used on mobile devices.

Results

- Certified courses and transferable learning units on A&IR that will be made available on an open learning hub.

- These products will be piloted with secondary school students in innovative design based collaborative learning and research formats.

- 30 students will take part in a didactic treasure hunt designed by the students themselves in cooperation with the teachers.

- 18 secondary school teachers will be trained as facilitators.

- A large-scale conference.

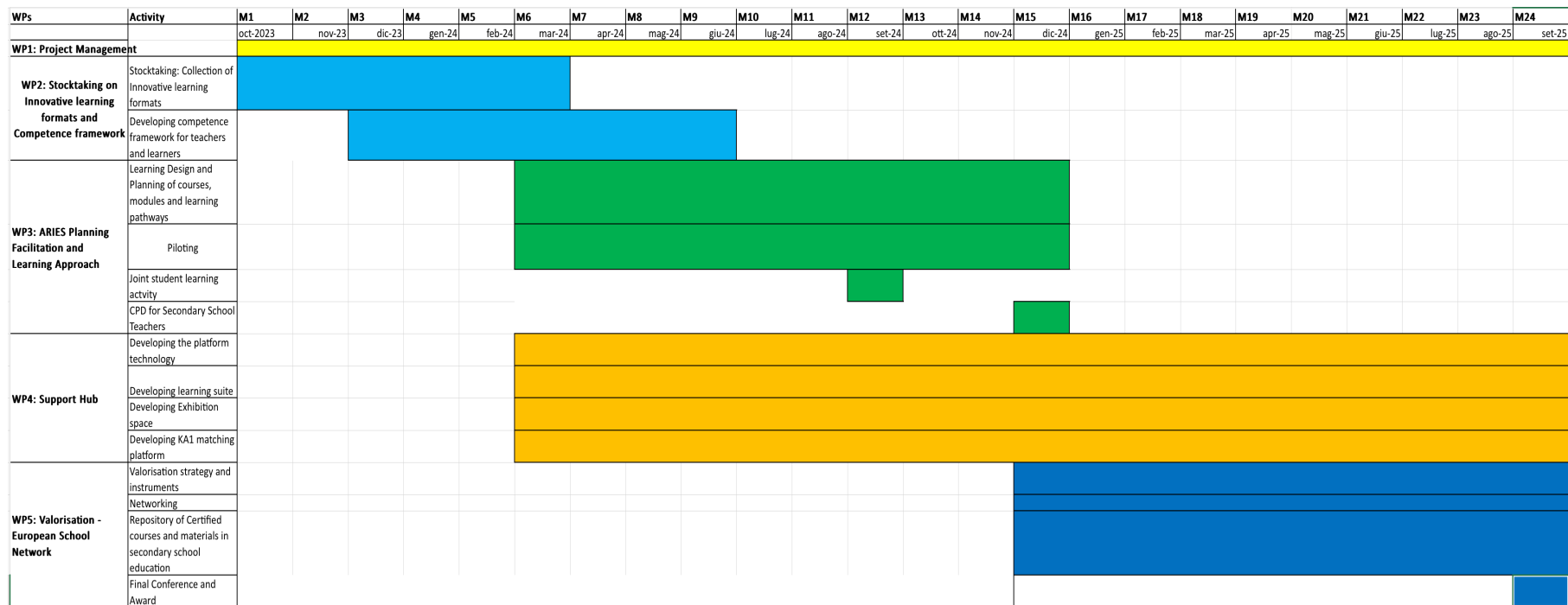Italian National Research Council

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Monitoring Quality & Quantity

- Continuous indicator-based monitoring

- For each WP, a set of Indicators, **qualitative** and **quantitative**, with a base value and a target have been defined.

- Pay close attention to these indicators to assess the quality of the project.

- A self-evaluation will be required at the end of the project based on these indicators

- As suggested by our National Agency we are considering possible external monitoring for a higher level of quality.

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Project Gantt

WPs	Activity	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24
		oct-2023	nov-23	dic-23	gen-24	feb-24	mar-24	apr-24	mag-24	giu-24	lug-24	ago-24	set-24	ott-24	nov-24	dic-24	gen-25	feb-25	mar-25	apr-25	mag-25	giu-25	lug-25	ago-25	set-25
WP1: Project Management																									
WP2: Stocktaking on Innovative learning formats and Competence framework	Stocktaking: Collection of Innovative learning formats																								
	Developing competence framework for teachers and learners																								
WP3: ARIES Planning Facilitation and Learning Approach	Learning Design and Planning of courses, modules and learning pathways																								
	Piloting																								
	Joint student learning actvity																								
	CPD for Secondary School Teachers																								
WP4: Support Hub	Developing the platform technology																								
	Developing learning suite																								
	Developing Exhibition space																								
	Developing KA1 matching platform																								
WP5: Valorisation - European School Network	Valorisation strategy and instruments																								
	Networking																								
	Repository of Certified courses and materials in secondary school education																								
	Final Conference and Award																								

Meetings

- Kick-off (M1), online - decide upon the work patterns of WP2
- Development workshop (M8), Trikala, EL, to jointly work on the CPD preparation and course development
- CPD for Secondary School Teachers (M13), Palermo, IT
- Development workshop (M15), online, to jointly develop the pilot phase
- Final meeting (M23-M24), Alcamo, IT, to finalise the resources. Joint transnational learning activity for students. In conjunction with final conference

- *Monthly meetings* , online (for example: on Wednesday of the third week?)
- *Every 6 months*, bilateral online meeting, progress and the obstacles encountered.

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Lead & responsability

- WP1 – Lead: CNR

- WP2 – Lead: EPAL

- WP3 – Lead: SMART

- WP4 – Lead: BLINC

- WP5 – Lead: DIDZDVARIS

Dissemination & Communication

- A dissemination strategy will be designed and coordinated by ITET Caruso.

- Involving colleagues and learners already involved in the first best practice collection activity, through questionnaires and interviews.

- Website, Newsletters, digital flyers, video presentation of student ambassadors,Events, Final conference

- Indicators for Dissemination: Quantitative & Qualitative

- EU Logo

- Disclaimer

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Thanks for your attention!

The ARIES project is Co-funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.

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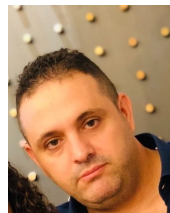
Giovanni Todaro

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WP2 - Stocktaking on Innovative learning formats and Competence framework - Leader: EPAL

A. Collection of Innovative learning formats
   - Building research framework and methodology – Lead: EPAL, support CNR
   - Developing research instruments - all partners
   - Quantitative research (datapool, marketing, distributing, data collection) all partners
   - Qualitative research (Design leading questions) - all partners
   - Data representation, Interpretation, Evaluation - all partners
   - Inserting data pool and inventory of good practice on the platform - all partners
   - Monitoring, quality control, reporting - EPAL

B. Competence Framework for A&IR implementation and facilitation
   - Creating a competence inventory of A&IR learning and facilitation competences - CNR, 2Epal
   - Describing competences along EQF (qualification) and LEVEL5 (learning) taxonomies - all partners
   - Developing taxonomic reference systems for envisaged learning outcomes - all partners
   - Defining first contextualisations of these reference systems for learning projects in schools - all partners
   - Monitoring and quality control, reporting - EPAL

WP3 - ARIES - Planning Facilitation and Learning Approach - Leader: SMART

A.   Learning Design
- Learning field development: all partners
- Learning pathways; all partners
- Pool of Learning activities for DBCL: all partners
- Inventory of suitable assessment methods: all partners
- Code of practice for validation and documentation: SMART

B.   CPD for Educational professionals (trainers):
- Recruiting trainers and staff: all partners
- Planning the CPD for trainers: all partners
- Delivery of the CPD: all partners
- Follow-up and accompanying the pilots at the schools: all partners
- Competence Validation of trainers: SMART

C.   Piloting
- Recruiting of students and local projects: all partners
- Integration of A&IR learning in existing curricula (learning pathways, materials, learning activities and assessments): all partners
- Integration of A&IR learning in learning projects (learning fields learning pathways, materials, learning and research activities and assessments): all partners
- Reporting of pilot projects: all partners
- Compilation of overall pilot experience report: EPAL
- Competence Validation of students: SMART
- Delivery of joint transnational learning activity for students: all partners, hosted by ITET Caruso

D.   General: Coordination, quality control and reporting by SMART

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WP4 - ARIES Support-Hub - Leader: BLINC

- Section 1 - Learning suite
  - Blinc, supported by CNR will develop and adapt the platform technology.
  - All partners will adapt and upload material

- Section 2 - Virtual exhibition space
  - Each partner will coordinate the establishment of the content offers. Offline descriptive patterns will be developed and distributed by the partners to a fixed number of potential SCHOOL professionals, institutions and also local ARIES projects.
  - Each partner should collect information (texts and multimedia materials) of at least 15 stakeholders and publish them in the virtual exhibition space.

- Section 3 - KA1 Platform
  - Each partner will coordinate with potential KA1 CPD providers (courses, job shadowing, conferences) and teachers and educational professionals and support them with providing their offers on the platform.

- Section 4 - ARLectio platform:
  - CNR will adapt it to ARIES and the secondary school sector.

WP5 - Valorisation: European School Network - Leader: DIDZDVARIS

A. Valorisation Strategy and Instruments:
- ARIES valorisation concept as planning outline for mainstreaming the project approach, methodology and instruments: Developed by Didzdvaris as the basis for its monitoring activities in WP5.

B. Repository of Certified courses and materials in secondary school education
- An overarching manual and toolbox for the facilitation concept for both the validation and the competence oriented learning approach - All partners
- A labelling system to recognise and valorise the measures for standardisation, comparability and transparency for the qualification of school professionals on the introduction of A&IR learning technologies. The European label will be a tangible and easily identifiable sign with a strong connection with the community's values and principles - All partners
- A toolkit/compendium which contains all relevant materials from the stocktaking reports, training and learning materials - All partners

C. Networking
- Large scale networking and dissemination actions - All partners
- Community and organisational building and cooperation agreements - All partners
- A large final conference and exhibition will be planned and connected to an ARIES award for innovative learning projects using A&IR technologies promoted and facilitated from and in secondary schools and local contexts - All partners