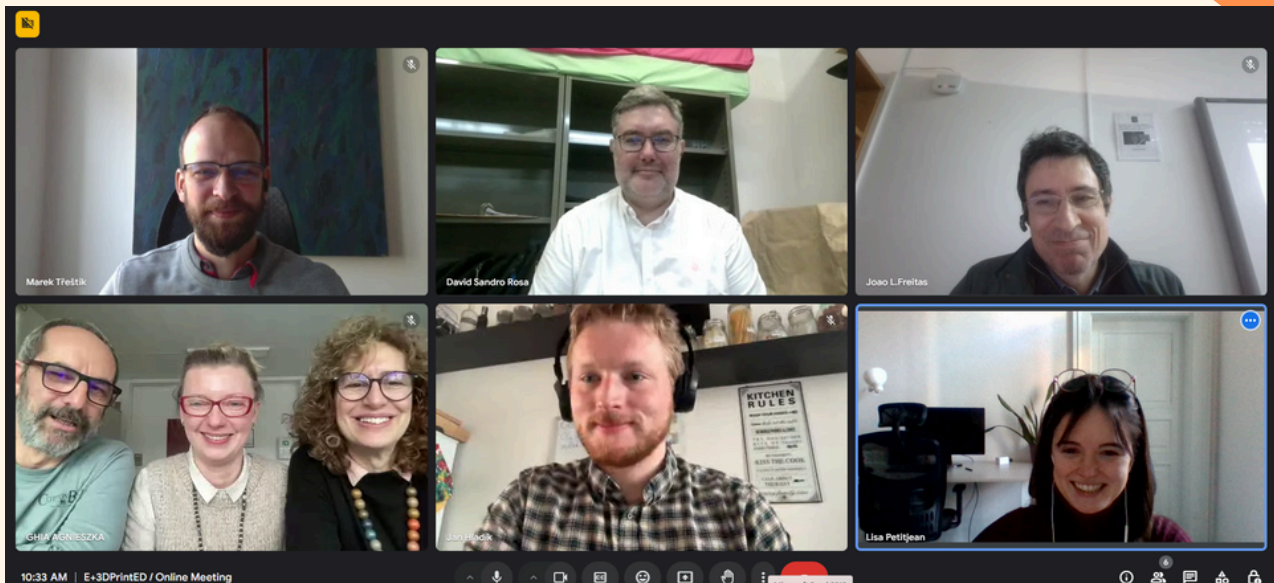


NEWSLETTER 2. APRIL 2025

STRONG STEPS FORWARD



EUROPEAN PARTNERSHIP

- **Evropska rozvojova agentura, s.r.o. Blood** (Czechia Applicant Organization)
- **liceo scientifico statale Francesco Vercelli** (Italy partner)
- **Základní škola Praha 5 - Hlubočepy, Pod Žvahovem 463, příspěvková** (Czechia Partner)
- **Escola Secundária de Lagoa** (Portugal Partner)

WP2 PROGRESSION

Over the past six months, we have focused our efforts on advancing Work Package 2 (WP2), which is dedicated to developing a comprehensive and accessible methodological framework for the integration of 3D printing technologies in classrooms. This initiative aims to provide educators with practical guidance and effective tools to seamlessly incorporate 3D printing into their teaching practices, fostering innovation and enhancing learning experiences across disciplines.

Ongoing actions:

Partners, particularly educators, have been encouraged to propose simple and pedagogically valuable objects suitable for 3D printing across various subjects. Initial tutorial videos are being produced. In alignment with the project plan, key instructional videos will later be dubbed in each partner's national language to ensure accessibility and usability across all participating countries.

OVERVIEW OF METHODOLOGICAL CONTENT

The development of a clear and practical methodology is essential to supporting educators in adopting 3D printing technologies within their classrooms. The framework is structured to provide a balanced combination of theoretical understanding and practical guidance, ensuring accessibility for teachers of all backgrounds. The content progresses from foundational concepts to advanced, subject-specific applications, enabling seamless integration across various educational contexts. Below is an overview of the methodology's core components and their current development status.

- Introduction to 3D Printing

A general overview highlighting the potential applications of 3D printing, supported by practical examples relevant to educational settings.

- Modeling and Slicing Processes

Detailed, step-by-step instructional materials are being prepared, complemented by video tutorials. Two core modules, comprising approximately 40 slides, are nearing completion. Voiceovers for these tutorials are planned for subsequent phases.

- Subject-Oriented Applications (Under Development)

This final module will present practical applications tailored to different academic disciplines. Contributions from subject matter experts are being sought to ensure relevance and engagement.



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