

URBAN AND REGIONAL DEVELOPMENT

DM 629/PA - metaPolito

Funded By	MINISTERO DELL'UNIVERSITA' E DELLA RICERCA [Piva/CF:97429780584] Politecnico di TORINO [Piva/CF:00518460019]
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Context of the research activity	<p>The metaPolito research aims to experiment the impact that the Metaverse could have in the context of a Public Administration aiming to manage communication in an innovative way without limits of time, space and matter for a towards its users.</p> <p>Progetto finanziato dal PNRR a valere sul DM 629/2024 - Pubblica Amministrazione - CUP E14D24002290006</p>
Objectives	<p>With an experiment in a real context such as the Polytechnic of Turin, the effectiveness of the actions implemented for the valorisation of the cultural and educational resources typical of a technical university will be verified using virtual and augmented reality technologies to carry out specific activities in the three missions of a modern university: 1) first, for a teaching activity able to increase the involvement and inclusiveness of students, even with different types of handicap; 2) second, for a research able to improve the dialogue with stakeholders at national and international level in order to increase funding opportunities; 3) third, for a greater diffusion of culture and knowledge, but also for the transfer of research results outside the academic context, contributing to the social growth and cultural direction of the territory.</p>
Skills and competencies for the development of the activity	<p>Ability to manage complex 3D models using different tools for BIM and Metaverse. Ability to use the "Drawing" as communication language, testing interoperability among tools, setting contents in term of graphical and non-graphical information, identifying right symbology and iconography.</p>