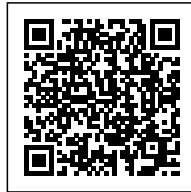# urbanNext Lexicon

Glossary of Terms in the SPHERE Project Environment
SPHERE Project Consortium

BIM Bang

GLOSSARY OF TERMS IN THE SPHERE PROJECT ENVIRONMENT

Posted on October 8, 2025 by Dima Fadel

Categories: BIM BANG, Essay, Formats, No Density, Politics and economics, Technology and fabrication

Tags: bim, Built environment, Construction, Data, digital twins, project management, smart cities, Sustainability, Technology

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The document *Glossary of Terms in the SPHERE Project Environment* provides a comprehensive compilation of definitions and key concepts used throughout the SPHERE Project — a Horizon 2020–funded research initiative (Grant Agreement No. 820805). It serves as a technical and linguistic reference that clarifies the terminology surrounding Building Information Modelling (BIM), Digital Twins, sustainability, and smart building systems. By defining essential terms and frameworks, the glossary ensures consistency, interoperability, and a shared understanding across disciplines within the project's multidisciplinary consortium. It supports effective collaboration between stakeholders in construction, ICT, and research sectors, promoting coherence in the development and implementation of SPHERE's digital ecosystem.

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