

Database of Good Practice Policies and Initiatives	
<b>Country</b>	Ireland
<b>Level of Outreach</b>	National
<b>Supported by</b>	National Agency
<b>Field of Interest(s)</b>	Energy Efficiency
<b>Organisation</b>	
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<b>Policy/Initiative Data</b>	
<b>Title of Initiative</b>	<b><u>The BIM-Futures Toolkit:</u> Designing, developing and piloting a professional development capacity framework for staff, students and industry stakeholders involved in BIM-related practice.</b>
<b>Partnership details</b>	Collaborating with main contractors, consultancies and other higher education institutions.
<b>Project Duration</b>	18.03.2019 to 30.09.2020
<b>Total Budget</b>	€150,000.00
<b>Description</b>	The BIM-Futures project will design, develop and pilot a professional development framework for staff, students and industry stakeholders involved in BIM-related academic and industry practice by exploring their BIM knowledge, attitudes and self-reported behaviours.
<b>Phases</b>	N/A

Project Details	
<b>Aim</b>	The BIM-Futures project will design, develop and pilot a set of complementary tools (competency assessment matrix, learning resources and BIM badges) that will build capacity and establish a coordinated professional development framework for academic and industry stakeholders. A collaborative mentoring circle framework utilising existing national and international networks will provide an enhanced evidence-based learning environment for students and staff and establish a clear recognition framework for formal, informal and non-formal learning opportunities using open education principles.
<b>Target groups</b>	Industry stakeholders, higher education staff and students.
<b>Exchange of Experiences</b>	Collaboration with industry, higher education institutions.
<b>Outcomes 1</b>	Provide learning opportunities for students to develop skills, competences and attitudes that will enable them to work, live, learn and lead in an increasingly digital world and industrial sector.
<b>Outcomes 2</b>	Provide learning opportunities for academic staff to develop skills, competences and attitudes that will enable them to facilitate an innovative and collaborative learning environment using BIM as a pedagogical methodology across higher education programmes.
<b>Outcomes 3</b>	Provide learning opportunities for industry stakeholders to inform their transitions towards becoming BIM-enabled organisations.
Policy/Initiative	
<b>Skill gaps</b>	Explore BIM knowledge, attitudes and self-reported behaviours of academic staff, students and industry stakeholders.
<b>Mis-matching of skills</b>	Embed BIM as a pedagogical methodology across built environment programmes.
<b>Skills-Shortages</b>	Significant gap in BIM knowledge and skills from an academic staff perspective, which provides an opportunity to develop a research-informed and evidence-based approach to providing learning opportunities across the higher education sector and the construction sector.
<b>Training</b>	Develop BIM learning resources that will be applicable in a real-world context i.e. on site and in the classroom.
<b>Career moves</b>	Improved employability of higher education students and addressing the need to address competency shortages related to BIM practice in the construction sector.
<b>Mobility</b>	Opportunities to collaborate nationally and internationally with industry and the higher education sector.
<b>Other EQF-Level</b>	Preparation of a BIM Educational Framework that will be transferable across the higher education sector.
<b>Transfer in Europe</b>	Opportunities to do so.
<b>Entrepreneurship Opportunities</b>	N/A
<b>Other</b>	General improvement of the construction sector image with increased attractiveness and competitiveness