

# BIM in Public Procurement

## BACKGROUND

Building Information Modelling (BIM) is a digital process that involves creating and managing a 3D representation of a building's physical and functional characteristics. Its ability to minimise design errors and material waste supports the EU's circular economy goals and contributes to sustainable construction practices, in line with the EU Green Deal. It also assists in maintaining buildings for long-term sustainability, extending their lifespan and reducing the need for new construction by predicting maintenance schedules.

In line with the newest directives and trends towards building more sustainably, some European countries have already adopted laws that encourage or mandate the use of BIM in public procurement (ex. Finland, Denmark, France, Portugal). Having a BIM model incorporated into the public procurement and tendering process can greatly help reduce material waste, promote sustainability and transparency, ensure collaboration between actors (architects, engineers, contractors, clients), facilitate knowledge sharing and the upholding of EU regulatory standards.

## RELEVANCE FOR CONSULTING ENGINEERS

Building Information Modelling is pivotal for consulting engineers in Europe, offering benefits in terms of efficiency, sustainability, and compliance with EU standards. As the EU continues to prioritise sustainable construction and digitalisation, consulting engineers must embrace BIM to thrive in the evolving construction landscape.

The EFCA Digitalisation & BIM Committee has been working closely with [buildingSMART International \(bSI\)](#) on furthering the BIM agenda at EU level and sharing and developing new ideas, best practice and innovation related to BIM, while also addressing any concerns that consulting engineers might have.

## KEY DATES

24/01/2014	European Public Procurement Directive 2014/24/EU
01/05/2011	EU BIM Task Group creation for public projects
01/07/2019	EFCA <a href="#">BIM booklet</a>

The [EU BIM Task Group](#) coordinates BIM-related activities in public procurement across member states. The group facilitates the exchange of best practice, promotes standardisation, and supports the development of BIM implementation plans at national level.