

## I. IDENTIFICATION DATA

<b>Thesis title:</b>	<b>Comparative study of the Czech Republic and Spain in the area of public sector awareness strategy on Building Information Modelling (BIM)</b>
<b>Author's name:</b>	<b>Daniela Švédová</b>
<b>Type of thesis :</b>	master
<b>Faculty/Institute:</b>	Faculty of Civil Engineering (FCE)
<b>Department:</b>	Construction Management and Economics
<b>Thesis reviewer:</b>	Ing. Jakub Veselka, Ph.D.
<b>Reviewer's department:</b>	University Centre for Energy Efficient Buildings

## II. EVALUATION OF INDIVIDUAL CRITERIA

<b>Assignment</b>	<b>challenging</b>
<i>How demanding was the assigned project?</i>	
The topic of this Thesis is highly relevant at the current time. A comparison of the situation in the two countries is beneficial. It might be interesting to communicate the conclusions of this work with relevant parties (e.g., mentioned agencies, ministries, and chambers).	

<b>Fulfilment of assignment</b>	<b>fulfilled</b>
<i>How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	
The thesis gives a comprehensive overview about situation in the BIM field in Czech Republic and Spain. It summarizes history, current situation, and outlook.	
It has the following objectives:	
O1: Explanation of BIM in the context of construction and its significance in raising awareness in the public sector.	
O2: Analyzing of the Czech Republic and Spain approach to the BIM methodology and public sector education within the context of this method through their specialized organizations and state institutions.	
O3: Conducting a comparative study of both countries concerning BIM and their efforts to raise awareness of BIM in the public sector.	
O4: Creating a tool with the aim of promoting BIM within the public sector.	
Objectives can be considered as fulfilled. The exact description is provided in Chapter 8 of the Thesis. The only concern is related to O4, specifically, if a PowerPoint presentation can be considered a "tool".	

<b>Methodology</b>	<b>correct</b>
<i>Comment on the correctness of the approach and/or the solution methods.</i>	
The methodological part of this thesis consists of a description of data collection and outputs. The whole chapter might be broader and with references to some research papers or other references.	

<b>Technical level</b>	<b>B - very good.</b>
<i>Is the thesis technically sound? How well did the student employ expertise in the field of his/her field of study? Does the student explain clearly what he/she has done?</i>	
The structure of the Thesis does not strictly follow the usual IMRAD (Introduction, Methods, Results, Discussion, and Conclusion) structure, and it is more challenging to follow the main thoughts behind the lines. It is not always clear to understand if some subchapter is part of the previous one or not.	
In some parts, the structure goes to level 4 (i.e.: 2.2.3.1) which makes understanding even more difficult.	

**Formal and language level, scope of thesis**

**A - excellent.**

*Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?*

In general, the formal and language level is high. Only minor inconsistencies are in the text, e.g.: “. [2]”, “[2].”, or “. [1].”. Some references might be simplified, e.g. [3-4] instead of [3][4], but it is not considered as a mistake.

**Selection of sources, citation correctness**

**C - good.**

*Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?*

Various severe statements in Chapter 1 should be referenced in research papers or elsewhere.

Chapter 1.4 The Literature review does not reference the mentioned materials.

The whole Chapter 1 presents the whole topic of the Thesis in a broad context but does not contain any reference whatsoever.

Some references seem generic and therefore redundant, e.g. [11, 12, 24, 25, ...].

In other places, the source's name is mentioned upfront, but the reference itself is at the end of the paragraph, after the citation. It makes the reference following process complicated.

References in the rest of the Thesis are without further objectives.

**Additional commentary and evaluation (optional)**

*Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.*

According to Chapter 4.1.1, it seems that BIM in the Czech Republic started in 2015, which is not valid. czBIM organization was founded in 2011 (mentioned in 4.1.3), and even before, activities were organized at the individual level.

**III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE**

*Summarize your opinion on the thesis and explain your final grading. Pose questions that should be answered during the presentation and defense of the student's work.*

The grade that I award for the thesis is **B - very good**.

Date: **23.1.2024**

Signature:

