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**QUANTITY SURVEYOR COMPETENCIES IN RELATION
TO SUSTAINABLE FUTURE CAREER DEVELOPMENT**

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ABSTRACT

As the world progresses with the implementation of the 4th Industrial Revolution, Quantity Surveyor (QS) competency must progress alongside the construction industry. It is a crucial call for quantity surveyors to keep on evolving in order to maintain a sustainable future career development and the importance of the profession itself. Due to this, quantity surveyors need to be equipped with required skills and knowledge to stay relevant as time passes. Thus, it was appropriate that further research be conducted regarding to the matter as it involves the future direction of the said profession. This research intends to identify the competencies that are needed by quantity surveyors to ensure a flexible transition in career development as future approaches, also to survey the barriers that are faced by quantity surveyors as development phase emerges and to determine the level of awareness among quantity surveyors towards the necessary changes of career approach.

Keyword: competency, development, sustainable, Quantity Surveyor (QS)

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CHAPTER 1: INTRODUCTION

1.1 BACKGROUND OF RESEARCH

Quantity Surveying (QS) is a notable profession in construction industry. As described by Shafiei and Said (2008), 'quantity surveyors are key professionals in the construction industry and their clients include developers, government bodies and agencies, building proprietors, architects and contractors'. Quantity surveyors involved in a lot of works such as cost planning and control, project procurement and additional works such as conducting feasibility studies and life-cycle costing (LCC). That being said, quantity surveyors have a great responsibility to their job, requiring them to be highly educated, well trained and skilled in various subject areas (Shafiei and Said, 2008).

However, as time commences the role of QS appears to be changing. These changes occur due to few factors. Lenard (2000) argued that the increasing complexity of the construction and development industry, such as the introduction of new technological processes and advancement, the advent of highly skilled practitioners and the full spectrum of advanced technology, would need much greater emphasis than ever on job skills. In order for the quantity surveyors to survive and prosper in the evolving environment, they depend on the knowledge base and appropriate range of competencies of the profession (Nkado, 2001).

Future career development of quantity surveyor is important as it shaped the direction of the profession itself. If the career development is not taken seriously, it might cause the profession to be irrelevant as no changes made to deal with time-influenced factors such as technological advancements and etc. This would eventually prevent an idea of maximizing the potential of the profession as a distinguished and sustainable profession. However, this can be prevented if they review their working landscapes to capture and adapt to impending changes in areas