

Inclusive Growth in Innovation and Technology: The Role of Quantity Surveying Professionals in South-south Nigeria

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SUMMARY

Innovation and Technology is needed to improve infrastructure and sustainable development. The aim of the study was to Assess the role of Quantity Surveyors in actualizing Inclusive Growth in the use of Innovation and Technology for developmental projects using South-south Nigeria as a case study. Quantitative research method using questionnaires was applied as the research instrument. The study was both a theoretical and a descriptive study. The theoretical aspect involved the review of relevant literature while the descriptive aspect involved collecting and analyzing data from respondents using questionnaire and descriptive statistics respectively. A sample size of 120 respondents were drawn from a population of 150 Quantity Surveyors, Engineers and other professionals. The study highlighted that educational gaps, Socio-economic challenges, Digital infrastructure challenges, Government policies and knowledge sharing gaps are factors affecting inclusive growth in Innovation and technology in South-south Nigeria. It concluded that inclusive growth in the use of innovation and technology such as Artificial Intelligence, Quantum computing, Augmented Reality and other innovations in Construction projects is significantly low and that Quantity Surveying professionals play a key role for improvement. The research recommended Building partnerships, advocacy, addressing socio-economic challenges, encouraging inclusiveness, regular training and mentorship are needed to improve inclusive growth in the use of innovation and technology in South-south Nigeria. The study also contributes to previous studies emphasizing that the use of innovations and technology in Construction projects will improve sustainable infrastructure development in the region.

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