Record Nr. UNINA9910350298103321 Autore Awuzie Bankole Osita **Titolo** Infrastructure Delivery Systems: Governance and Implementation Issues / / by Bankole Osita Awuzie, Peter McDermott Singapore:,: Springer Singapore:,: Imprint: Springer,, 2019 Pubbl/distr/stampa **ISBN** 981-13-7291-8 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (XIX, 188 p. 12 illus., 11 illus. in color.) Collana Management in the Built Environment, , 2522-0047 Disciplina 624 Building—Superintendence Soggetti Construction industry—Management Construction superintendence Engineering economics Engineering economy Organization **Planning** Operations research Management science Computational complexity **Decision making** Construction Management Engineering Economics, Organization, Logistics, Marketing Operations Research, Management Science Complexity Operations Research/Decision Theory Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Nota di contenuto Introduction -- Procurement as a Medium for Implementing Local Content Development Policies -- Infrastructure Delivery Systems: An Organizational Viability Perspective -- Justification of Research Methodology -- Model Development and Initial Validation --

Organizational Diagnosis of Infrastructure Delivery Systems -- Identification of Factors Influencing the Implementation of Socio-

## Sommario/riassunto

Economic Benefits Through Infrastructure Delivery Systems -- Conclusion, Recommendations and Implications.

This book provides a framework for governing policy implementation by various stakeholders during the delivery of infrastructure projects. This framework relies on the tenets of the Viable Systems Model (VSM), a systems cybernetic model that enjoys a high level of acceptance in organizational analysis. The book presents a step-by-step guide for the multi-level governance of implementation during project delivery. Although the book focuses on the context of local content development policy and construction projects (infrastructure), it is presented in a manner that allows it to be adapted to other policies and sectors. The book includes a step-by-step methodology for assessing policy implementation in project or policy delivery systems. In addition, it shares insights into the probable challenges faced by the actors within the delivery system in achieving optimal implementation performance. Critical success factors are also highlighted, and illustrative diagrams of the framework are provided to facilitate understanding. The book is logically structured and presented in a straightforward manner. Also, the transposition of the VSM from a conventional organizational context to a multi-organizational context will appeal to readers with a background in systems thinking, monitoring or evaluation.