Table A2 Theme 1 overview: case study based developed frameworks

paper	(Moroke, Schoeman, & Schoeman, 2020)	(Yigitcanlar, Kamruzzaman, & Teriman, 2015)	(Dawodu, Cheshmehzangi, & Williams, 2019)	(Momoh, Kangwa, Udeaja, Ruoyu, & Seidu, 2021)	(Abousaeidi & Hakimian, 2020)	(Surjono, Sudikno, & Ridhoni, 2017)	(Ameen & Mourshed, 2019)
Geographic context	South Africa	Malaysia	Lagos, Nigeria	Nigeria	Iran	Indonesia	Iraq
Tool	metric benchmarking methodology (Successful neighborhood model (SNM))	Delphi study	expert-initiated approach (case study based)	Delphi study	expert-initiated approach	Fuzzy logic, case study based	Delphi study using Analytic hierarchy process (AHP)
Method	Application to 5 towns (case studies) and ranking them according to their sustainable development	60 experts; narrowing down 38 indicators to 18 in 3 tier process	The process is tested via critical case qualitative sampling and questionnaire.	2 rounds of Delphi based expert analysis 50 experts, and 105 indicators from 6 tools translated to mean and standard deviation values.	2 steps; the desk study resulted in a proposed checklist the second step: expert based for verification of priority and finally verified the tool by application to 4 case studies	2 stages of qualitative analysis, 1. descriptive to measure quality of sustainable characters in kampong (i.e Indonesian villages) 2. formulating a composite index using fuzzy logic	The paper is a 4th stage of 3 stage research project presenting an expert-based study to extract reliable weightings for a newly developed sustainability assessment framework using AHP
Output	Priority areas for intervention, development, and the current conditions of the case studies	Context sensitive tool with weights for each indicator	establishment of process instructions demonstrating how to incorporate locals with expert opinions in the early, affordable, and context-specific selection of HSIs for NSATs	developed the first urban sustainability assessment tool for the Nigerian urban environment (SUCCEED)	Developing qualitative urban design assessment checklist for residential complexes	Developing an index of indicators to measure sustainable characters in kampongs.	Developing Iraqi Urban Sustainability Assessment Framework (IUSAF)