

**ICT FOR DEVELOPMENT***Sustainable Systems for Local Needs*

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**Abstract:** The objective of this paper is to search for methods that would help project managers and systems analysts particularly in developing countries to design and implement organizational information systems that are sustainable. The study is based on empirical material on software industry in Nigeria as well as theoretical literature on work activities, appropriate technology, and sustainable technology. The inputs are combined into a suggested framework for sustainability analysis of information systems. Finally we discuss the applicability of the framework in light of the empirical material and suggest further research to validate and enhance the framework as a practicable method for IS practitioners and researchers.

**Keywords:** Information systems, sustainability, appropriate technology, work development, developing countries, Nigeria

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