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# Acc4<sup>th</sup>emic

## INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“INTEGRATING CLEANER PRODUCTION INTO SUSTAINABILITY STRATEGIES”

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## **Proposal of Guidelines for Sustainable Buildings Planning**

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### **Abstract**

This article proposes guidelines to be incorporated in the planning phase of sustainable buildings construction. Based on theorist knowledge and empirical research, it presents concepts of sustainability and its application in designing sustainable buildings. Processes and planning requirements are identified under the assumptions of sustainable development. The research method used is qualitative, applied. Performs comparison between sustainability concepts are identified in the scientific literature, and planning practices of building surveyed in the business practices. Experts were interviewed in order to prioritize the guidelines identified in the literature review and in business practices. The search result sets guidelines for planning sustainable buildings.

**Keywords:** *Life cycle assessment, sustainable building, construction management, sustainability engineering.*

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