

**CITIES AND SUSTAINABILITY:OPTIMUN ENERGY
FOOTPRINT FOR ENVIRONMENT SUSTAINABLE BUILT
ENVIRONMENT**

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(Architecture)

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Abstract

"Today cities are consuming more and more energy"

the cities are changing alarmingly because of the high urbanization .so incising urban density mean incising energy use. increasing the no people demographically in the city means they need new built environment to survive so there are two major way to address this issue one is making new structures secondly old buildings should rehabilitate .today ,we all have visions on sustainable built environment, so how we should handle future of the built environment in sustainable way ?

Today cities are center stage in the global environment problems, high energy use, urban transportation, global heating and micro environment effects. So mainly fast urbanism brings city metabolic processes leaner .leaner metabolism of cities is profoundly different from the natures circular metabolism where every out put by an organisms is also an input which renews and sustain the living environment .So there should be balance between leaner metabolism and circular metabolism in cities. But now, new urbanism swing balances towards leaner metabolism, because high urbanization, co2 emissions by transportation, high energy use/waste by built environment and damage natural environment etc.

But we have to ensure there should be balance within these two metabolisms for livable local environment. So it can be achieve by concept of environment sustainable approach of optimizing rational use of energy Achieving environment sustainability major focusing should given to reduce demand side factors for "energy" usage. Mainly identified as buildings and transportation systems

considering reducing energy demand for building simply done by good building design that address the major energy issues and also master plan and urban design strategies for macro urban situation .

Declaration

I Declare that this Dissertation represents my own work, except where due Acknowledge made, and that it has not been previously included in a Thesis, dissertation or report submitted to the university or any other institution for a degree, diploma or other qualification.



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