

ARCHITECTURE DEPARTMENT

DESIGN-O-CRATS

SATVA THE GREEN CITY

OBJECTIVE: - The Sustainable City is a city that is “in balance with nature,” where all forms of nature—from living organisms to their habitats—are highly significant components of the urban form and part of Sustainable infrastructure. ... Urban nature is seen as an ideal provider of services, and a key concept for city development.

The Sustainable City aims to inform and stimulate the interest with authorities, organizations and companies which are professionally involved in planning and developing the urban area, ensuring Sustainable will be applied appropriately. It is our goal to secure the economic development of the urban area now and in the future.

ABSTRACT: - To inculcate methods of growth of a city by impairing sustainable living in overall development.

There are many concepts and methods trying to accommodate the growth of cities without impairing sustainability. However, most are too complex, cannot measure Sustainable performance over time and fail to deliver actionable advice to decision-makers. The Sustainable City Concept is one of the latest of these concepts. This paper introduces a Sustainable City Conceptual Framework and a harmonized method to measure Global Sustainable City Performance over time (GGCPI).

EXECUTION: - This highlights the importance of energy as a resource efficiency and Sustainable performance and can be used to measure Sustainable performance, to explain possible factors influencing the calculated Sustainable performances over time, set targets and track achievements.

They are adaptable to individual city needs. By applying the method to fifty cities worldwide through desk research, the paper shows that a Sustainable city is also sustainable and livable. It also shows that GDP influences Sustainable City Performances positively, population size influences it negatively and sanitation and air quality sectors influence Sustainable city performance the most. Also, we are providing Sustainable plaza or called as a city Centre promoting INTEGRATION ACROSS LINES OF ETHNICITY, RELIGION and CULTURE.

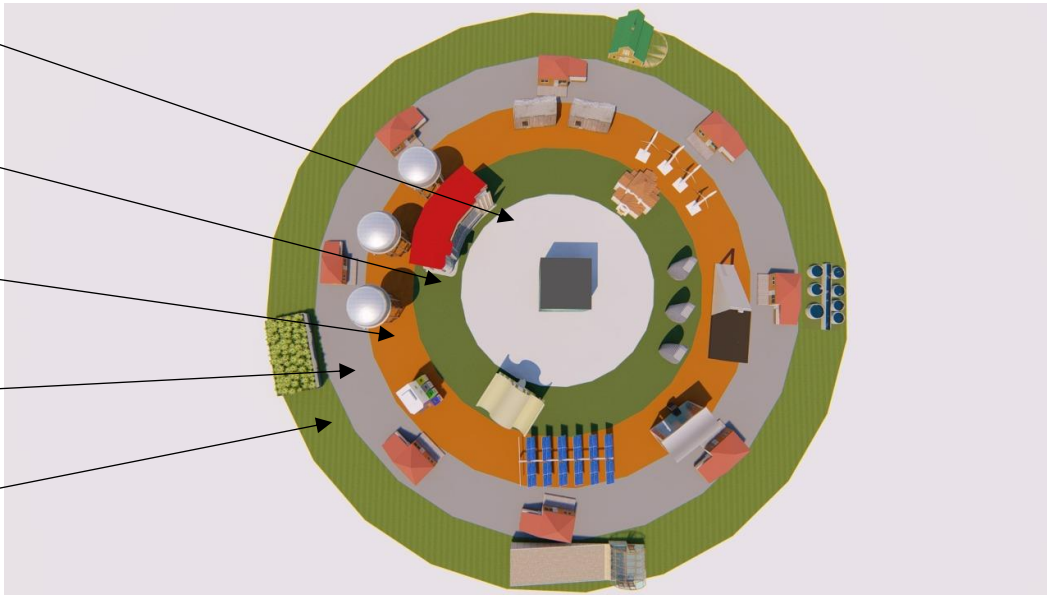
LEVEL :1

LEVEL: 2

LEVEL: 3

LEVEL: 4

LEVEL: 5



PLAN

DIFFERENT LEVELS OF SUSTAINABLE CITY

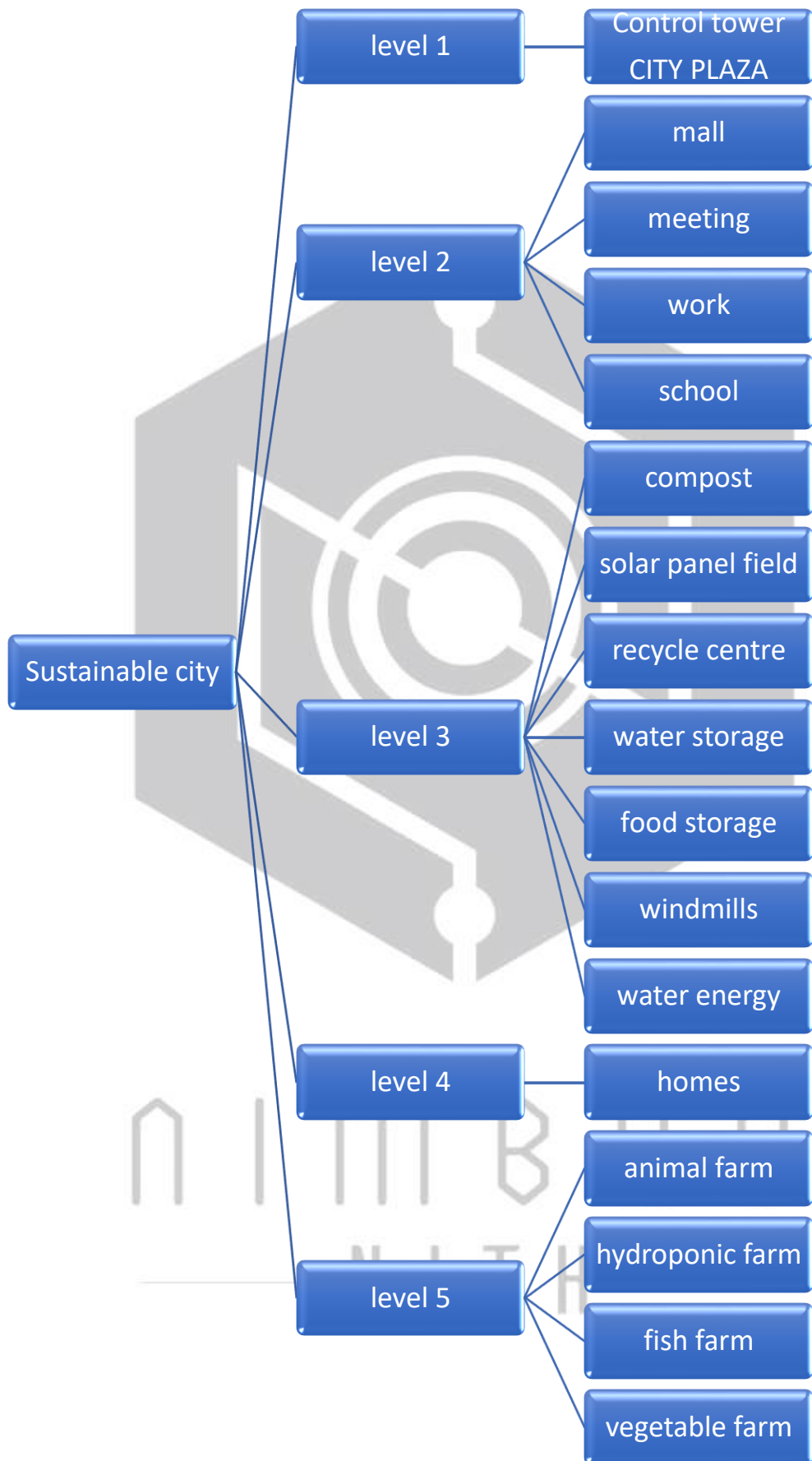


N I T H



PROPOSED IDEA

N I M B U S
— N I T H —



LEARNING OUTCOMES: -

- **Assessing the Claim that a Sustainable City Is also a Sustainable and Liveable City, total Sustainable city performance is positively and significantly correlated with Sustainable performance in the environmental and socio-economic groups,**
- **Correlation between the Sustainable performance of the environmental and socio-economic groups.**

MERITS AND DEMERITS: -

- **Merits:**
 - **The significant correlation between the total GCP and the GP of the environment and socio-economic groups indicates that the IHS Sustainable city conceptual framework (GCCF) contains elements of the three pillars of the theory of sustainability which confirms the approach used to develop the conceptual framework.**
- **Demerits:**
 - **For now, just a concept in mind.**

BENEFITS:

- **Reduction of stress**
- **Reduction in pollution**
- **Education in biodiversity**
- **Increase in real estate values**
- **Better rainwater management**
- **Extra user-friendliness**
- **Better health**
- **Development of locally produced food**
- **Helping with social integration**

