

# Study of the Concepts of Sustainable Development and Smart Cities

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**Abstract** – In this paper, different activities of sustainable Development which did over the globe explained in detail to identify the comprehension of Sustainable Development. The most acknowledged meaning of economic Development, which is given by Brundt and commission, is talked about for understanding the properties which will oversee the Sustainable Development. Section further investigates the short history of Sustainable Development. UN's drives are talked about top to bottom as it is acknowledged by numerous nations collectively. The across the nation activities are additionally talked about to see the procedures and goals set up by nations like UK, EU and US to accomplish Sustainability. Standards of Sustainable Development, approaches of World Bank and Systems Indian government has arranged are talked about top to bottom to give bits of knowledge of what's going on in the nation. This segment is trailed by the dialog on ideas of Sustainable Development set forth by the researchers working in the field. The hypotheses, contention, boundaries and drivers of sustainable Development are talked about in detail for having review of momentum understandings and their arguments. Triple base like which discusses economy, environment and society as three pillars is examined. The ideas which propose culture, legislative issues and foundations as fourth Pillar of sustainability likewise talked about to investigate the perspectives of individuals working in the field of Sustainability. The idea of sustainable communities, presented in UK is chiefly examined in detail with its segments. Economical Architecture is examined to comprehend the idea and the present practices in Architecture. The section closes with the dialogs on few examples of overcoming adversity where in network has itself started the Development to enhance their economic, social and ecological environment.

**Keywords:** Sustainable Development, Smart Cities, Economy, Environment, Culture, Society.

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## INTRODUCTION

The effect of developing populace and our Change on nature and assets of the planet was first recognized by a demographer and political Economic expert of Britain, Thomas Robert Malthus (1766-1834), who in an exposition on the 'Rule of Populace' in 1798 expressed that "the total populace would in the long run starve or at any rate, live at an insignificant dimension of subsistence since nourishment creation couldn't keep pace with the development of populace" (Paul, 2008). He additionally expressed "Populace when unchecked expands the geometrical proportion and subsistence for man in an arithmetical proportion" (Rogers Dwindle, 2008).

With specialized Changeion, whatever he said then was refuted. As Green insurgency which has started ad libbed cultivating systems, the creation of new cultivating types of gear and advances in rural science, have brought about the quick generation lessening the sustenance costs than it was two

hundred years prior, or even fifty years previously, (Baumol William, 2007) yet accessibility of the natural assets are as yet the issue.

To address this issue, universal and national associations were/are dealing with a few dimensions. As a major aspect of this may national and universal dimension activity were taken and Nations over the globe were welcomed and propelled to wind up a power in itself to end up a change which will contribute towards security of our planet. A portion of the activities are talked about underneath, In the ongoing history i.e. in 1972, a Stockholm gathering on the Human condition was gone to by 113 nations and 11 global agents from associations. This was the main meeting which was committed to the natural issues. This was the first run through when all the industrialized and creating Nations together characterize the privileges of person to a Strong and profitable condition. Numerous such gatherings were trailed the meeting with the fundamental accentuation on "the privileges of individuals to sufficient nourishment, sound lodging, safe water,

methods for family arranging and so forth." (United Nations, 2011). Stockholm Meeting was brought about the arrangement of the Assembled Nations Natural Program (UNEP) with an assignment "to give authority and empower organization in thinking about the earth by rousing, educating and empowering Nations and individuals to enhance their personal satisfaction without bargaining that of who and what is to come."

The Universal Association for the Protection of Characteristic assets (IUCN) in 1980 distributes the world preservation system (WCS) which initially presented the idea of Sustainable Development. Ten years after the principal meeting of Condition in 1982 General get together, the WCS activity was closed with the endorsement of the World Contract Nature by saying 'Humanity is a piece of nature and life relies upon the continuous working of common frameworks'. World Commission on Condition and Development (WCED) was then made in 1983 and after a year it has begun filling in as an automatic body in UN General Get together. WCED was requested to set up 'A worldwide motivation for change'.

In 1983, after foundation of WCED, UN General Get together has selected Mrs. Gro Harlem Brundtland, (at that point Executive of Norway and later leader of the WHO) as the seat, which was thereafter known as the Brundtland Commission. The Brundtland report has an obligation to explore the few worries that had been raised, for example, the negative effect of human exercises on nature and planet, and the example of development and Development which would be unsustainable on the off chance that they are not controlled. The works which have featured this reasoning incorporates Catastrophe of house by Garret Hardin, the diagram for survival by the Biologist magazine, and Points of confinement to development, revealed by club of Rome. (SD-Commission, 2011).

In 1987, the Brundtland Commission distributed a report (Brundtland Report) 'Our Normal Future'. It was based upon the accomplishment of the Stockholm gathering and gave the most politically noteworthy meaning of sustainable Development - "Sustainable Development is Development that addresses the issues of the present age without trading off the capacity of future ages to address their very own issues". (Brundtland Commission, 1987). The definition contains two noteworthy originations: right off the bat, the idea of 'needs', especially the essential needs of the world's poor, who were distinguished to be organized; and also the possibility of limitations constrained by the state and social association on nature's conveying limit with respect to present and future needs.

In June 1992, the principal UN meeting of Rio de Janeiro on Condition and Development (UNED) had

acknowledged a calendar for condition and Development for the 21st century. The Rio Revelation, Motivation 21 and the Commission on Sustainable Development were the key yields of the meeting. The Earth Summit was along these lines finished up with the unmistakable and transparently acknowledged worry on Sustainable Development by the major worldwide pioneers, making this a global motivation for all. Despite the fact that there was a typical accord on moving in the direction of Economic Development rule, however there was difference about its implications and suggestions.

The Kyoto gathering on Environmental Change in 1997 built up a general structure called 'Kyoto Convention' which discusses cutting of ozone depleting substances by created nations. The Nations were concurred on the explicit targets, which were relied upon to be point by point in couple of years. At the point when European Association said it will chop down discharge by 15%, US proposed just to settle outflows in September 2000 to accomplish Thousand years Development Goals (MDG), the Gooder part of which are focused on 2015 as a time allotment.

The World Summit on Sustainable Development (WSSD), Johannesburg (2002) was an achievement in influencing organizations to make associations between the UN, Governments, Business and NGO's to assemble assets for tending to worldwide condition wellbeing and destitution challenges. This filled the hole in the 'Motivation 21' and MDG, tended to new issues, similar to a large portion of the worldwide populace are without access to fundamental sanitation, to diminish the utilization and creation of synthetic concoctions by 2020 so that it would not make any terrible consequences for people wellbeing and nature to keep up the once-over fish stock which can produce Goodest Sustainable yield on an earnest premise; and noteworthy decrease in the loss of biodiversity by 2010. (Nelson, 2007).

There are set of standards which could be pursued for viable usage of the activities examined till now. These standards are examined in the following area.

## SMART VILLAGE

A Smart City is a urban living condition, manufactured or redesigned/remodeled (Baranowska and Kozlowski, 1993) to empower the most ideal coordination for generally divided urban sub-frameworks, and to encourage regular day to day existences of occupants, making urban areas more liveable and economical (Charles, 1999). An extremely expansive definition proposed by Cohen states that "Smart urban areas utilize information and communication technologies (ICT) to be more Smart and productive in the utilization of assets,

bringing about the expense and vitality funds, enhanced administration conveyance and personal satisfaction, and diminished natural impression—all supporting development and the low-carbon economy". The most delegate highlights of the Smart City are shared ICT structures, time Development, open government, vitality productive innovations, decreased discharges, and introduction towards green condition (Charters, 1993).

In the event that the progress to Smart foundation is essential for urban living conditions, this change is considerably more important and complex on account of all the more inadequately occupied regions. To recognize difficulties and their potential arrangements in these cases, it is important to utilize neighborhood and local information and execute it. All the more decisively, with regards to European Association, the idea Smart Villages alludes to "Rural territories and networks which expand on their current qualities and resources and also on growing new chances. In Smart Villages, conventional and new systems and administrations are upgraded by methods for advanced, media transmission advances, developments and the better utilization of learning to help occupants and business" (Choate and Walter, 1981). To total up, to apply the Smart Village idea, it is important to utilize base up coordinated methodologies, assemble successful open private-network associations, create strong strategy structures and empower access to financing systems (David, 1995). The pivotal point in the process is to put the networks themselves behind the directing haggle force formative ideal models that would not be perfect with network's wants and social situations.

A Smart Village empowers its occupants to make utilization of the contemporary mechanical and social accomplishments, while its frameworks are as yet being produced in accordance with Manageable Development Objectives, offers a chance to proficiently manage eventual fate of vitality security and issues of neighborhood and roundabout economies. In any case, as it will be indicated later on account of Indian Smart Urban communities and Smart Villages, to regard Smart Villages as a self-governing and autonomous substances represents a danger to just incomplete comprehension of the structure. Rather, the interspatial measurement is of incredible significance. despite the fact that concentrating principally on the Smart rustic Development and Smart Villages' drives, always draws the parallels with Smart Urban areas, villages and national formative approaches. Inside the Smart development talk, at the front line of this paper will be the thought of the points of view of the computerized change of the Rural conditions.

## PRINCIPLES OF SUSTAINABLE DEVELOPMENT

### 1. Putting Sustainable Development at the Centre

Sustainable Development ought to be distinguished as a sorting out standard of the considerable number of social orders (law based nature of the social orders is recognized as one of the factor to accomplish Sustainable Development successfully) which will go about as a stage for the various goals, arrangements and government projects and procedures.

### 2. Esteeming Nature

All the Individuals are reliant on nature for their reality and vocation. Our economy and social prosperity is likewise reliant on the normal assets.

### 3. Fair Shares

'Fair Shares to all' is a fundamental rule of Sustainable economic Development. This will guarantee arrangement of fundamental requirements for all the populace over the world. This will likewise guarantee the steady enhancement in the nature of lives by methods for comprehensive Development.

### 4. Polluter Pays

Sustainable Development requires the control on 'Contamination and wasteful utilization of assets' by valuing the items in charge of contamination and the wasteful utilization of assets. The income produced could be put resources into reestablishing nature.

### 5. Good Governance

As Sustainable Development requires diverse procedures for various social orders, it requires compelling and participatory arrangement of Governance and establishments drawing in the intrigue, inventiveness and Energy of the considerable number of subjects.

### 6. Adopting a Precautionary Strategy

Authentic Sustainable economic development is the most ideal approach with; researcher, trailblazers and riches makers' assume real job in this. Imagination and innovation should be utilized so that it won't make genuine harm the earth and to Communitiess' wellbeing.

## THEORIES AND ARGUMENTS OF SUSTAINABLE DEVELOPMENT

As an idea the Sustainability and economic Development is a tremendous subject with part of

feelings, definitions, arguments, acknowledgments, dismissals. Initially the idea was developed out of political and managerial procedures and not logical one. Furthermore, presently it has turned out to be increasingly clear with the certainties like, The Nursery impact changing worldwide and nearby climate Architectures, multi-year surges end up continuous occasions, as do the recurrence of ground-breaking storms, mainland timberland fires, and different calamities; and so on. (Consumes, 2012).

The need of Sustainability was felt path previously; the principal acknowledged definition is given by Brundtland Commission in 1987 where Sustainable Development is characterized as 'Development that addresses the issue of present without bargaining the capacity of things to come government to address their very own issues.' (Brundtland, 1987) In accomplishing social and Economic goals the commission perceived that biological systems, which must be protected and the reduction of normal assets ought to be limited (Grierson D., 2011). Numerous individuals don't acknowledge this definition and contend that the moral job of human isn't indicated in the definition alongside respecting the important support of different constituents of the biological community. (Kim J. J., 1998).

Dresner in 2002 and Purvise and Grainger in 2004, had expand the definition advanced by Brundtland as an essential political tradeoff between the Governance of worldwide condition and protectionism point of north and human wellbeing and Development needs of the south (Dresner, 2002) (Purvise and Grainger, 2004). This idea joins the earth and between generational measurements in neo traditional economic Development hypothesis by tolerating the present approaches of Economic Development (Purvise and Grainger, 2004). This on a very basic level acknowledges the enhancement in human states of creating nations with the development in economy thinking about the ecological limits and need of who and what is to come. There is part of perplexity and non-clearness on Sustainability in which the strategy creators, academicians and professionals are working at present. They have acknowledged guidelines of sustainable Development as a structure as they affirms their good and useful goals.

The endeavor was likewise made in mid-nineties to value the earth by disguising all the outer expense to the economy as far as contamination, human wellbeing and exhaustion of common assets, however it was uncertain how to cost draining and fundamental normal assets, sustainable dissemination issue and intergenerational request (Dresner, 2002). The Economic assessment changes to address the issue have brought about Gooder government assets to put resources into the

innovation which would be useful in ecological enhancements.

In another way to deal with sustainability, which discusses the 'Ecological space use' presented in 1982 by Siebert and upgraded by Opschoor, mirrors the breaking points to the measure of weight, the biological community can withstand without basic misfortune by deciding the operational limits to the natural space to be used. This is like theoretical standards of biological impression (Opschoor, 1987). Pearce claims the decrease of asset utilization in North won't enhance the prosperity of individuals of south. He proposed the adaptable valuing (over the world) to enable creating nations to expend more on the comparable cost of created nations (with restricted utilization) (Pearce, Markandya, and Barbier, 1989).

The hypotheses of Sustainability have constraints when it is connected to spatial arranging, as existing speculations talk about explicit geological dimension (Purvise and Grainger, 2004), regardless of whether locally, Regional ly or universally at the same time, disregards the spatial relations among them. This needs explanatory way to deal with convey Sustainable Development with human topography which can be estimated with nature and social scale. Here Purvise and Grainger likewise accentuation the utilization of 'participatory worldview' Centre economic Development arrangement, which can be as powerful as different approaches Bankent on lawful, strategy and institutional structure for the effective grassroots dimension action. They likewise contend that the present working structure resembles a tokenism by Nations, states and worldwide dimension.

## THEORETICAL APPROACHES OF SUSTAINABILITY

Ayre and Callaway in 2005 had brought up that the scholarly writing still during the time spent chasing for the diverse arrangements of approach goals to accomplish sustainability at worldwide dimension, (Figueroa Kupcu, 2005). The built up written works, ideas and arguments were all the while expounding the Northern Strategy concentrating more on natural security (e.g. environmental change, biodiversity, assurance of species and Living spaces), while south as yet battling for the human wellbeing and Economic development for its Development. This has prompted the calculated Development of modern comprehension if the term Sustainability. This was expounded by Elkington in 1997, when he characterized Sustainability, through the three Pillars of sustainability, for example, Figure 3-2: Triple Main concern for sustainability. Source: (Thulesius, 2012) Social (Individuals - personal satisfaction), Economy (Benefit - upgrading riches) and Condition (Planet - effect on regular habitat) and along these lines, called as



triple main concern (Elkington, 1997), which is clarified through venn chart appeared in figure 3-1.



**Figure 3-1: Three Pillar of Sustainability. Source: (MMU, 2015)**



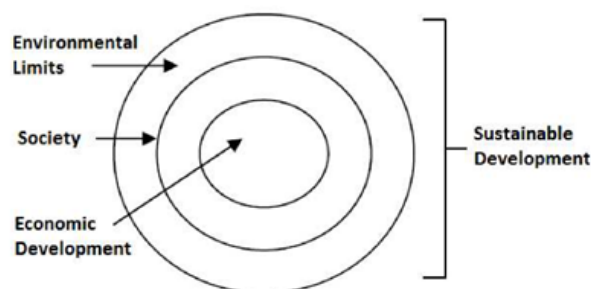
**Figure 3-2: Triple Bottom Line for sustainability.**

Source: (Thulesius, 2012)

There are a lot more meanings of sustainability given by analysts, academicians, government officials, approach creators, humanist, Economic analyst and tree hugger however every one of the definitions have acknowledged the three Pillars of Sustainability. Additionally these three components or columns have likewise acquainted potential entanglements with the first straightforward definitions as the goals communicated are multi-dimensional and requires learning of how to adjust destinations and how to pass judgment on Change and disappointment. (Harris, June 2000).

This was additionally expounded in Russian Doll chart or installed model of comprehension by O'Riordan, 1998 where he expand the essential that all the Economic exercises ought to be engaged

towards the social Development of the network, which ought to be accomplished Centre as far as possible (O'Riordan and Voisey, 1998). The idea has proposed a slight move far from feeble sustainability idea, and acknowledges the eco-fundamental Development as explained by Brundtland. This idea is contended to be unattainable because of it's over effortlessness.



**Figure 3-3: Russian Doll Clarification. Source: (O'Riordan and Voisey, 1998)**

With these three columns as a base, couple of analysts recognize culture (Upgrading personal satisfaction and nature of place) (Kingston, 2015) as the fourth Pillar of Sustainability while some distinguish Governmental issues (Vote based system) as the fourth component of sustainability.

### 1. The Economic Viewpoint

The neo established hypothesis says that sustainability can be characterized as 'amplification of welfare over the time'; this welfare is expected as human welfare, as non-human will be considered as a biological point of view. Human welfare is additionally characterized as far as accessibility of nourishment, apparel, lodging, transportation, wellbeing and instruction Governances. In Economic matters, the sustainability seems to mean the viable Governance of the assets or proficient Architecture of assets which is the same than the standard economic hypothesis, yet then what might happen to the future, remains the inquiry as the assets decreased with the utilization. Therefore to accomplish the intergenerational value, the low rebate rate ought to be forced (Cline, 1992) or there ought to be a few directions in regards to the asset utilized and the natural effect as business analyst gives no maximum cutoff points.

### 2. The Natural Point of view

In contrast to Economic expert, biologists adjusted cutoff points i.e. sustainability must underline confines on populace and utilization levels. According to the computations given by Biologist, Paul Ehrlich and his associates, it demonstrates that people are presently expending 40% of the

fundamental Energy provided for all the regional creatures; expanding the populace further will even now decline the essential Energy supply for different species on the planet (Ehrlich, 1986). The basic hypothesis of breaking points don't generally give the image of Economic expert viewpoint as there are conceivable results of hereditary Fair variety and the resultant procedures of development and change in species and biological community (Holling, 1994).

The Market analyst in this manner characterizes sustainability as far as keeping up the biological system which is not quite the same as human driven meaning of WCED and Utilization based guideline of business analyst. (Harris, June 2000).

The significance of the environmental viewpoint is ending up Changeively clear through disappointment of nature, environmental change, atmosphere instability, flooding, dissolving ice sheets, raising ocean level, expanding heat, and so on. This requires coordination among Condition and Economy in the Development which could be accomplished through the cognizant social activities.

### 3. The Social Point of view

Sustainable Development perceives the social segment as a basic piece of the new idea. Essential needs and value which are distinguished through Economic hypothesis are underscoring the issue of Human Development. Human Development file which is estimated by achievement of GDP (Gross domestic product) and Gross National item (GNP), likewise centers around the viewpoints like popularity based Governance, sexual orientation fairness, neediness and furthermore conStrongates the future, grown-up proficiency, and school enrolment proportions, and so on. Accordingly the idea of Sustainable Development additionally raises the issue of whether present ways of life are worthy and would it be able to be passed on to the cutting edge as entomb and intra generational value ought to go connected at the hip as Development Architectures that proceed with the present disparities are neither Sustainable nor worth supporting. (UNDP, 1994). Notwithstanding the abovementioned, world bank has presented Veritable Investment funds as a measure (ex. Consumption in training or Use in improving characteristic assets and so on.). The measure is affected by both social and ecological elements. (Harris, June 2000).

The social Development could be upgraded through the social viewpoint of Sustainable Development.

### 4. The Cultural Point of view

The word culture is a mind boggling and logical word that has diverse understandings and implications. The writing still discovers two interrelated definitions for the word (Hawkes, 2001).

- I. "The culture is a social generation and transmission of personality, implications, learning, convictions, values, goals, recollections, purposes, mentalities and comprehension.
- II. The culture is a 'lifestyle' of a specific arrangement of people: traditions, confidence and traditions, code of habits, dress, cooking, dialect, expressions, science, innovation, religion and customs, standards and directions of conduct, conventions and foundations."



**Figure 3-4: Culture as fourth Pillar of sustainability.**

Source: (Sustainable Antigonish, 2015)

Presently the present meaning of the sustainable Development says, 'The absence of assets and unregulated abuse of these will cause corruption and consumption; it needs watchful arranging and controlled as material riches or thriving will result in the neediness and environmental Disaster in long run' while prosperity says, despite the fact that society is more tangibly prosperous than any time in recent memory, a large number of its individuals feel prohibited, miserable, weak, so whatever is useful for the economy may not be useful for the general public. (Hawkes, 2001). In this way, a few people contend that the social parts end up crucial in making the communities Sustainable during the time spent economic Development.

### 5. The Political Point of view (UNESCO, 2010)

Hardly any masterminds think about Political frameworks as a fourth segment of sustainable Development. Political framework is a social power practiced to settle on approaches and choices on Economic aspects and condition and is additionally identified as a popular government which gives voice to individuals to sustainable and measure up to state in dealing with the social, economic and ecological Development of the general public.

Here the ability to pick, partake and contribute is most indispensable and necessities emotionally supportive network at neighborhood, Regional, national and universal dimensions. The endeavors to energize majority rule government needs,

- I. Development of popularity based foundations around the globe
- II. Limit working for NGOs, Proficient affiliations and different components of energetic culture;
- III. Destruction of debasement in government and business; and
- IV. Fairrationalization of basic leadership at nearby dimensions.

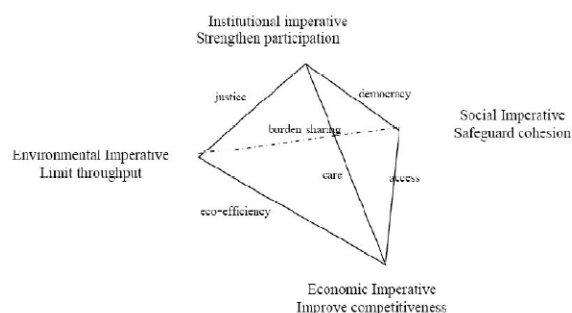
This empowers long haul Sustainable Development through open support in each part of sustainability.

## 6. Human Development File and Sustainability

UNDP has propelled Human Development File (HDI) in 1990 with an goal to center consideration far from salary or economy towards proportion of human Development. In any case, regardless of whether it didn't deny the per capita salary as one of the principle determinant of nation's dimension of human Development, it proposed to regard it as one of the fundamental determinants among three (e.g. future during childbirth and grown-up proficiency) (Neumayer, 2001). The idea of HDI and natural debasement was first talked about by Meghanad Desai in 1995, in which he recommend that the poor HDI implies bring down ecological corruption and bad habit a versa (Desai, 1995). Neumayer and Qizilbash in 2001, had done broad research here to acknowledge the proposal set forth by Desai in 1995 to coordinate asset misuse and natural debasement into the HDI (Neumayer, 2001) (Scottish Official, 2006) There are as yet numerous arguments on the most proficient method to characterize human Development as it is determined Bankent on Learning (Training record), Long and Strong life (future) and a fair way of life (GNI-Net National Pay) (UNDP, 2015), and as accentuated by Amartya Sen, the ravenousness to win increasingly more riches results in the profound enduring of mankind. These sufferings as arranged for its reasons are Common cataclysms, Voracity for riches and Terrible Governance or social foul play. This does not get adequate place in the HDI alongside the morals and profound Development as explained in old Indian writing. (Basu, 2005).

## 7. Institutional and Governance measurement

The Institutional measurements are talked about for compelling execution of ecological choices. Ecological Governance takes a gander at the circulation of intensity for natural basic leadership Centre the built up set up. It manages common and political rights keeping individuals' personal satisfaction at the Centre, by expecting the consideration of the most Relieffless in the basic leadership. (Scottish Official, 2006).



**Figure 3-6: Multi-dimensional comprehension of sustainable Development as explained in Ireland Specialized Report, 2004**

(Scottish Official, 2006)

Ireland specialized archive had exhibited a multi-dimensional comprehension of sustainable Development in figure 2-6. In this it is explained that foundation set up reinforces investment by defending the social union, enhancing intensity in economy and condition control by limit throughput.

## CONCLUSION

This research exhibited a hypothetical premise on the ideas of Smart city and sustainability through an intensive survey of the writing. It produced some knowledge for to get it the connection between the ideas of participation able urban development and smart urban areas. The test of making urban communities progressively alluring to individuals brings the need for clearness in wording and ideas, shockingly it isn't the situation with Smart urban areas— in spite of the fact that it is viewed as a city that utilizes innovation to create natural additions what's more, Sustainable results (Baum et al. 2004). Then again, unique in relation to Smart urban communities Sustainable urban areas allude to the responsibility to participation urban development. Also, in spite of their guarantee to convey manageable results with the guide of cutting edge innovation, smart urban areas are intensely reprimanded as being only a popular expression that has outlasted their convenience (Kunzmann 2014; Shelton et al. 2014; Yigitcanlar 2016). The incitement of this research is, along these lines, regardless of



whether smart urban areas idea and practice can convey sustainability to our urban communities. The research brings up the requirement for imminent examines in noting this basic issue, where the review gave here could be a venturing stone for future examinations.

## SUSTAINABILITY AS AN IDEA

Triple primary concern idea presented by (Elkington, 1997) had given Economy, Social and Environment as three pillars of sustainability, where few contend to present culture as the fourth column (Sustainable Antigonish, 2015). UNESCO presented Political (Governmental issues, Approach, Basic leadership) (UNESCO, 2010) as fourth column and establishments (natural organization) as fourth column (Scottish Official, 2006) to impact sustainability. These ideas has given three base pointers to discover sustainability; Social, Environment and Economy. Political and Organization markers are past the extent of this examination. Decentralized Arranging (which leads or elevates to Community Interest) and Infrastructure Improvement are taken as independent factors for the examination.

## WEAK AND STRONG SUSTAINABILITY

All things considered this idea isn't talked about in detail as it is examined as far as Economic sustainability, whenever connected to Ralegan Siddhi, it might fall into Strong sustainability as the normal assets are improving with the advancement inside the town. In any case, in the event that we apply this idea regarding exchange of agrarian economy starting with one age then onto the next, it might fall into classification of powerless sustainability. It very well may be contended here that it isn't imperative that a family who is living on agrarian economy ought to pursue the equivalent in future - however in the event of disappointment of this framework, the conventional astuteness of agrarian economy and arrangement of work will be lost.

## ARCHITECTURE SUSTAINABILITY

Sustainable Architecture for the most part centers around Environment benevolent building structure and has been clarified in six classifications; Eco-method, Eco-driven, Eco-tasteful, Eco-social, Eco-therapeutic, Eco-social (Fellow, 2001) by Mr. Fellow and Rancher in 2001, in which vitality proficient working with zero natural impression, culture, wellbeing and harmony communicated through assembled mass is stressed. At the point when Ralegan Siddhi is dissected on these parameters Architecture sustainability is breaking down with the enhancement in Economic states of the villagers. Recognition review directed for the specialists reached has additionally not upgraded the need of

Architecture sustainability as they foresee that there is no effect of Infrastructure improvement on social advancement and ecological issues, when U. S. Vitality data organization in 2012 has affirmed that 74.9% vitality goes into development and activity of building and it expends regular assets.

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