

Sustainable Development: A Glimpse

Paper Submission: 15/01/2021, Date of Acceptance: 26/01/2021, Date of Publication: 27/01/2021

Abstract

India needs overall development being developing country and need to be environmental ecologic friendly. Sustainable Development is necessary and futuristic trend needed for adaptation for coming generations. It need to address harmful effects of environment, different environmental problems such as water scarcity, water contamination from rural and urban population industrial contamination ,intensive agricultural consequences, air pollution due to automobiles,thermal power stations, soiled and hazardous waste accumulation etc. According to pundit Nehru ,India's first prime minister' Everything else can wait but not agriculture'it is true that agriculture is the main source of livelihood and backbone in India. Well educated and healthy nationals well equipped with the proper skill sets, knowledge and attitudes are essential for economic and social development in the twenty first century,and programs such as young India--skill India are driven by Government to encourage the masses. Sustainable development encourages individuals to show up their unique strength, in turn allowing them to show case performance orientation for all over the world.

Section 1

Keywords: Sustainable, Economy, Environment, Pollution, Technology, Resources, Development..

Introduction

Sustainable Development models has becoming an important evolving environmental theme in recent days. Whereas sustainable development includes economic development and a standard of living which do not impair the ability of the environment to provide sustenance and life support for the population Though it is complicated to quantify and visualize all of the forms and implications of "sustainable development" to relate it to the professional career or personal lifestyle to pursuit. The main cliché of sustainable development is to meet their needs of the present without compromising the interest of the future generations to meet their own needs. The objectives of sustainable development are the economic well-being of present and future generations and keep maintaining a healthy environment and life support systems. Essence of sustainable development is to use resources without depleting or deteriorating them. Which implies development without damaging or effecting or harming the environment? The term used by the Brundtland commission defined it as development with sustainability that "meets the needs of the present without compromising the ability of future generations to meet their own needs"(1) The modern concept of sustainable development is derived mostly from 1987 Brundland Report which gives insight into sustainable forest management and recent ages environmental concerns. As the concept developed, it has transformed focus to economic development, social development and environmental protection for future generations. it is recommended that " the term 'sustainability' should be regarded as humanity's target goal of human -ecosystem equilibrium, while 'sustainable development' refers to the holistic approach and temporal processes that lead us to the end point of sustainability.(2) The economic development brought by such organized principles and practices in an economy is called Managed Sustainable Development (MSD)

Methodology

This article focuses on emphasizing the necessity of sustainable development and environment protection and conversation for the maintenance of peace in the world. The present paper based on assessment of how to develop a country, and how sustainable development is a essential tool for a developing entity. The Goals of sustainable development should carve out how a country touches the apex of achievements. The main aim of this paper is to show that sustainable development can help in meeting the vast expansion of today's



Rachna Vats

Assistant Professor,
Dept. of Economics,
Govt. Degree College Manglore
Haridwar, Uttarakhand, India

requirements, without compromising with resources of future generations. The current study While discussing the content and ethical aspects of same also attempts to indicate that sustainable development motivates environment- friendly technology.

Section 2

Discussion

Everyone wants to live in a better in this world. They need better homes and housing, some want better schools, better employment opportunities, better shops, cleaner surroundings safer streets and transport. Some want these amenities for them only not being bothered or not about neighborhood , These can usually be grouped into three aspects as people need a better environment is that which can be green space, play areas, no litter, nice gardens, decent houses, less noise and pollution. The resources used should renew or replenish over a long period. Well developed country or better Economy reflects better employment resources and opportunities , reasonable prices for commodities and utilities, cheaper electricity, fuel and no loan sharks. A better social conditions means affordable luxurious, facilities, lots of community groups offering sports and arts friendly neighbors .Though it is believed by people that if we are to tackle one issue, then we will probably have to tackle the others eventually .As an example shopping areas are unlikely to be observed increasing in areas where the housing communities evolved, has been improved there being a lot of employment opportunities. People tend to migrate to area .where housing jobs facilities comfort are available, even the better public transport may also influence the people to stay in certain localities.

These issues are commonly observed in any localities, at national level and even at international level. If the Governments of every country are keen to deal with poverty, it just not remain to the food shelter or monetary aid they need to help local people get educated and get jobs. People need safe environment with adequate homes and drinking clean water as basic amenities. To see these things happening Government also need to make people as partners in the mission, make them aware them of the need of these, make them aware what changes it will bring their livelihood and life style.

Sustainable development should promotes development which reduces the disparities in lifestyle and improvement in global consumption and maintains a clean and healthy environment which contributes towards solving critical global environmental issues .Where as commons global environmental issue being global climate change, contamination of oceans and fisheries and forests , sea level changes, global carbon foot print, global warming etc. Therefore it is crucial to emphasize on what kind of growth is desired and what kind is not and how to develop economic policy and environmental policy so as to meet the consumer need and choice and a sense of equity accordingly within a market economy. Besides these global issues and projections, the future contemporary issues like rapid population growth should also been to be addressed.

In experience point out the necessity to live within the carrying capacity of the earth's ecosphere to make the global economies more efficient in the use of natural resources and to reduce population influence. Sustainable development has two dimensions

1. Our relationship to follow inhabitation of our country and plant
2. Our relationship to the land and plant and animal inhabitation of the world.

According to the World Conservation Strategy report (1980), by the International union for the conservation of nature and natural resources (IUCN), for development to be sustainable it must take into account the social and economic factors as well as ecological ones. "India is presently emerging as an economic superpower, but in contrast there is another profile of India. We constitute around 17% of the world's population, but account for about 35% of the poor and 40% of the illiterates in the world." [3]

The concept of ESD (Education for sustainable development) was born from the need of education to address the growing and changing environmental challenges facing the planet. Education must change to provide the knowledge, skills, values and attitudes that empower learners to contribute to sustainable development. At the same time education must be integrated into education and education must be integrated into sustainable development." Education for sustainable development is defined as education that encourages changes in knowledge, skills, values and attitude to enable a more sustainable and equitable society. ESD aims to empower and equip current and future generations to meet the needs using a balanced and integrated approach to the economic, social and environmental dimensions of sustainable development" [4]. ESD promotes the integration of these critical sustainability issues in local and global contexts into the curriculum to prepare learners to understand and respond to the changing world. ESD aim to produce learning outcomes that include core competencies such as critical and systematic thinking, collaborative decision-making and taking responsibility for the present and future generation. Science traditional single directional delivery of knowledge is not sufficient to inspire learners to take action as responsible citizens. ESD entails rethinking the learning environment physical and virtual. The learning environment itself must adapt and apply a whole institution approach to embed the philosophy of sustainable development. Building the capacity of educators and policy support at international, regional national and local levels helps drive changes in learning institutions. Empowered youth and local communities interacting with education institutions become key indicators in advancing sustainable development. That is why sustainable development is not strictly a problem of science, or engineering or economics or proper management. These roots are found in values, ethics and culture of both developed and developing countries.

Element of sustainable development

1. Population stabilization
2. New technology transfer

3. Efficient use of natural resources
4. Water saving
5. Waster reduction and population prevention
6. Integrated environmental systems management.
7. Determining environmental limits
8. Refining market economy
9. Education
10. Perception and attitude changes
11. Social and cultural changes

A critical aspect of sustainable development is that the interaction feedback between the economic system and the environmental system be evaluated so that development can proceed in ways which will prevent and reduce environmental impacts.

The Economist Kenneth Boulding introduced the concept of a "spaceship economy" As infinite spaceship required the independency of the people and systems; a infinite world requires people to work together within the limits set by the natural system and requires efficiency in our use of resources and care in our use of environment.

Sustainable Development Goal

The sustainable development goals are actions required to diminish poverty and protect the planet to ensure that all people enjoy peace and prosperity by 2030. These were adopted by United Nations member in 1915. The main goal of those 17 Sustainable Development Goals is that they recognized the action occurred in one area with its affective outcome in other area and a complete balance should be maintained between the environment and social economic sustainability. The countries have committed to fast track progress in order to complete the pledge to leave no one behind. This is the reason Sustainable Development Goals are integrated to bring certain drastic changes including zero poverty, hunger, ADIS and discrimination against women and girls. And everyone is expected to achieve these ambitious goals. To achieve SDGs, the creativity know how , technology and financial resources from all the society is necessary.

To provide win-win situation, a compelling goal is to integrate environmental, energy and economic policy further for sustainable development.

The three components necessary for this goal are-----

1. For relative environmental problems and solution adopting a holistic environmental management framework.
2. To encourage a creative combination of regulation incentives and penalties to guide the marketplace, consumer and industry.
3. To encourage the renewable energy technology as well as start the Research and Developmental initiatives that emphasizes the utilization.

Main Indicators of Sustainable Development

The Indicators of sustainable development are measurable knowledge which help to explain how things are changing over time. For many years, limited number of key economic measures has been used to judge how the economy is performing." Economic development has traditionally required a growth in the gross domestic product. This model of unlimited personal and GDP growth may be over.

Sustainable Development may involve improvements in the quality of life for many but may necessitate a decrease in resource consumption".`5 The economy and the environment are in extricable. As early as the 1970 the concept of sustainability was used to describe an economy "In equilibrium with basic ecological support systems".`6 No human activity can be conducted without some connection to the environment whether the provision of clean water and food or the latest version of a personal computer. We need the "long view", the sustainable development framework or policy concept entails thinking far into the future and how our present actions might effect our ability to live a wholesome and fulfilling life. This raise the issue of intergenerational equity." A World Bank study from 1999 concluded that based on the theory of genuine savings policymakers have many possible interventions to increase sustainability in macro economics or purely environmental".`7 The scale of human activities is important both spatially and temporally. We are interested to how activities effect not just our own backyard but also the "global backyard". In addition activities may have effects that are not felt until future generations. One can look at sustainable development on a global regional national state local or even individual scale. Human action must be reality in enlarge understanding of how the world works and how we can work with the world. Ecological and ecosystem concepts should be an integral part of decision making.

Sustainable Development occurs within a emerging set of systems ,e.g. ecosystems, economic and social systems. The human response and world in genes of emerging technologies and belief systems are not a static equilibrium. Change is no t a exception but a norm . An interdisciplinary approach is required environmental and human issues on earth. To move forwards sustainable features, a integration of disciplines provide the satisfactory perspectives experience expertise and tool to address the vast number of challenges .

Sustainable Development occurs within a dynamic and evolving set of interlocking systems namely ecosystems, economic and social systems. The world and human response in genre of evolving technologies and belief systems are not in a static equilibrium. Change is the norm, not the exception. Thinking about the sustainable development requires an interdisciplinary approach to addressing environmental and human problems on the earth. Integration of disciplines can provide the satisfactory perspectives experience expertise and tool to address the wide range of challenges in moving towards sustainable features.

Features of Sustainable Development Technology

The application of technology has been the central means of greater human productivity and consequently, increases in the way of life. We need new technologies from materials to procedure. Technology is focused on sustainable development is a key solving problems created in the past and to preventing new ones in the future.

Sustainable development technology focuses on combat pollution and clean water

technology. Pollution prevention minimizes undesirable effluents, emissions and wastes from products and processes that obviate the need for treatment and control. A preventive approach includes using fewer or non polluting materials, designing processes the minimize waste products and pollutants and directing the latter to other useful purposes and creating recyclable products. Clean technology uses less fuels to produce energy and generates little or no waste for industry agriculture and transportation. Sustainable technologies depletion of natural resources and environmental damages are continuously overlooked until pollution and other danger threaten human health and until native species and ecosystem begin to disappear. To reverse the ever increasing wastage and toxicity require environmentally sound, economically feasible and sustainable technologies. Shifting government policies embracing a new ethics of environmentally responsible behavior will bring a higher quality of life, a healthier environment and a more vibrant economy for all.

Role of Government

The role of Government needs to play a key role developing and adopting technology for sustainable development. There need an opportunity to implement policies to stimulate investment in new environmentally beneficial technologies and encourage phasing out of outmoded capital equipment. Three essential recommendations worthy of consideration relate to regulations affecting technology, incentives and government private sector co-operation. Regulatory bodies should watch requirements to produce innovative solutions to environmental problems such as example appliances for energy efficiency. And should be encouraged and promoted. Improving the product labeling can increase public understanding and may influence markets lean towards more environmentally benign technologies and product.

Section 3

Conclusion

It is the need of the hour to realize the "sustainability" from the stand point of either the availability of natural resources to meet the needs of the world's population in an equitable manner or from the standpoint of environmental protection. These aspect are two sides of same coin as an integral part of the solution to both involving ways to find limit per capita natural resources consumption in both developed and developing nations and ways to substitute renewable resources and "waste products". That is why sustainable development and issues related to global environmental concerns has not been seriously taken in action. Although some planning initiatives have been taken at national, regional and local levels but when it comes to implementation not much progress has been made. There seems to be lack of commitment and

awareness among local agencies and communities regarding to implementation of sustainable development initiative. Mechanism for implementation of sustainable development initiative need to be seriously examined including capacity building, leadership training coordination of efforts, information transmitting, support and commitment from authorities. To transform the lifestyle of the people is something not easily done. It has to begin with awareness, and continuous campaign from the government and active participation from stakeholders such as NGOs, local communities and private sector.

References

1. 11 December 1987 United Nations 1987 "Report of the world commission on Environment and development general assembly resolution 42/187, retrieved: 2007-04-12. September Shaker, Richard Ross "The spatial distribution of development in Europe and its underlying sustainability correlation" *Applied Geography*.6.p.35.
2. 2007; 126:374 -80 [PUBMED] Kurian NJ. *Widening economic and social disparity: implication for India. Indian J Me*
3. 4.2018 p.7 UNESCO Paris "Issue and Trends in Education for sustainable development" ISBN978-92-3-100244-1.
4. 5 . 2011 L.R. Brown *World on the Edge. Earth policy institute, Norton. ISBN978-0-393-08029-2.*
5. 6. 1976 R. Stivers, *The Sustainable Society Ethics and Economic growth. Philadelphia Westminster press.*
6. 7.1999 Hamilton k., Clemens,M. "Genuine saving rates in developing countries *World Bank Economy Review*. 13 (2) 333-356. CiteSeer 10.1.1.452.7532. doi; 10.1093/wber/13.2.333
7. 8.2008 Ahluwalia ES; 6 *Brief discussion on sustainability in a chapter on pollution prevention (as a step towards SD of the environment.)*
8. 9. 2005 Shrivastava and sanghi *SD+ES: 12ff SD29 Title of chapter "Green Chemistry for sustainable future"*.
9. 10. 2013 *World Bank and the International Monetary Fund , Global Monitoring report Rural-urban dynamics and the Millennium Development goals (Washington D.C.,2013), p.xi,22,25.*
10. 2012 Sachs, j. *From Millennium Development Goals to sustainable development t goals. The Lancet*, 379(9832),pp.2206-2211.
11. 2015 Ford,L. *Sustainable Development Goals : all you need to know .[online] the Guardian.*

Articles

Relevant Articles from the following periodicals and National papers.

1. yojana
2. The Economic Times
3. The Hindustan Times
4. Times of India