

Controlling the Global Warming with mathematical formulae is the first solution to reach Sustainable Development Goals of “UNO”

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Abstract: Human lively hood activities are increasing pollution which leads to global warming. One among such activities is air pollution. Air pollution is increasing due to industrialization and transportation. Today Vehicle’s pollution is one of the major causes for Polluting Air. So world community (Global Community) should put an end with a formula for achieving Sustainable Development Goals (SDG) of United Nations Organization (UNO).

Key words: *Global Warming, Sustainable Development Goals, Vehicle Pollution, Livelihood business agriculture and Economy.*

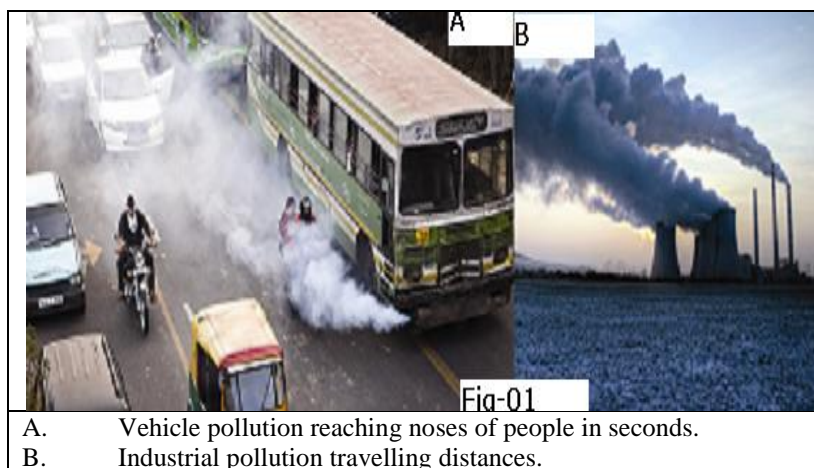
I. INTRODUCTION

Human livelihood activities (fire for cooking, using vehicles for transportation, employment in industries etc.,) are generating more pollution. This pollution damages nature’s cycle by increasing temperature (sun strokes), changing monsoon (El-ni-no), floods (heavy rains), droughts (scarcity of rains), changing crop pattern (low productivity), increasing more pollution rings on sea surface (mysterious places like Bermuda triangle) etc.,

Today water scarcity increases the drinking water problems and droughts (bad results in agriculture) leading to rural unemployment and migrations. Hence to bring balance in eco system for restoring the nature’s activity is quite essential. One way is the World should bring end for the life of all two, three, four and commercial vehicle sales with out disturbing the economic values (investment, employment, taxes...) in economy. Else the vehicles release the hazardous gases described below:

1. Oxides of nitrogen: Soil bacteria are responsible for building nitric oxide (NO) that released into atmosphere. Apart from this pollution, nitric oxide is reacting and consuming oxygen to form nitrogen dioxide (No₂ or NO_x). This nitrogen is of two types: One thermal and other fuel (motor vehicle emissions). This nitrogen dioxide is four times more toxic than nitric oxide. It has serious lung damage capacity (Please see annexure 01).
2. Sulphur compounds: Most of the sulphur emissions are extracts from burning coal & oil. This sulphur converts as sulphur di-oxide (SO₂) , sulphur trioxide (SO₃) and sulphate particles (SO₄). The same sulfur pollutants also cause hazy parklands and city skylines, and acid rain-damaged ecosystems (Please see annexure 02).
3. Photo chemical smog: Every day huge pollution density cities or congested cities (towns) are facing a traffic jam problems in the morning and evening hours. These traffic jams develops photo chemical smog. Smog is noxious, hazy mixture of suspended particles and gases. It consists of PAN (proxy acetyl Nitrate) and ozone (O₃) – formally known as ground level ozone. It is created by chemical reactions between oxides of nitrogen (NO_x) and volatile organic compounds (VOC) in the presence of sunlight (Please see annexure 03).

The above gases are hazardous and most dangerous to human health. Vehicle pollution is most dangerous to health of the citizens than industrial pollution as compared below:



A. Vehicle pollution reaching noses of people in seconds.
 B. Industrial pollution travelling distances.

Fig. (1-A) explains that vehicle emissions are reaching the people breath within a short span of 30 to 60 seconds whereas the people are breathing the above gases very fast and infected to long term & short term diseases. In long term, chronic diseases like respiratory, lung cancer, heart and brain damage, kidneys, nerves, liver and blood damage from Infant's (pregnant women) to old age people affected. On the other hand short term diseases like irritation of eyes, nose, throat, bronchitis, pneumonia, head ache, nausea and allergies effecting the Citizen's health as well as wealth due to hospitalization. Overall 6 out of 10 urban citizens are spending money for these kinds of diseases. Worldwide it's been estimated that nearly 1.5 million Citizens are dead out of 3.3 million due to vehicle pollution (Please see annexure 04).

As shown in fig. (1-B) Industrial pollution effects on long run. It damages soil, water and air because of traveling (migrating) capacity. However Industrial pollution makes less impact compared to vehicle pollution as far health concerned.

These two pollutions (hazardous gases) are impacting on agricultural crop patterns on the Globe. This pollution further transferring to the surface of the sea causing the Pollution rings (EL-NI-NO) and these EL-NI-NO'S are disturbing monsoons (timely and sufficient). Rains provide water for drinking, food production and livelihood opportunities (income) for people on the globe. Over 2.51 dry land agriculture dependents lively hood depends upon temperature and rain provided by the nature. If 50% of such people migrate to other areas (cities or countries), some places (cities or countries) will have very low population (density) and some places will have high population density. A country like India where major Population depends upon Agriculture (employment) will face crisis related to food prices (inflation) and "tough of war" situation for water and food shall arise because of global warming expansion.

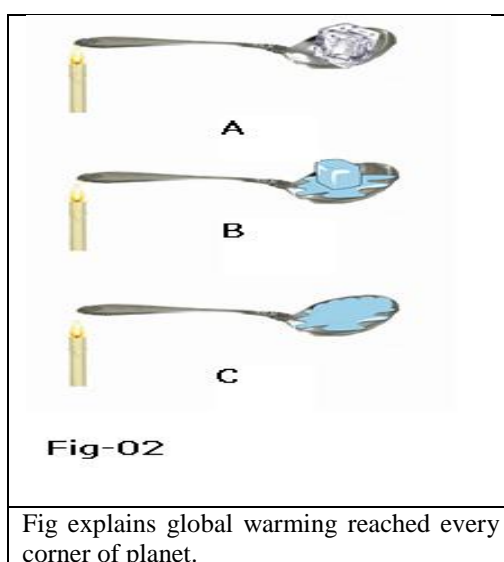


Fig explains global warming reached every corner of planet.

II. GLOBAL WARMING OVERALL IMPACT

Please find a small live example to prove that Global Warming wide spread overall every corner and is in edge shown in fig. (3). we heated a spoon. It took 8 minutes 37 seconds to reach the heat from one end to other end. But it took only 2 minutes, 14 seconds to make ice into water and 6 minutes 30 seconds to evaporate water on spoon. This example explains that global warming impacts reached every corner and ready to evaporate glaciers, water bodies, production in agriculture, investor's money in business and livelihood conditions on planet. In future decades, it shall impact sustainable development goals of United Nations Organisations (UNO) (Please see annexure 05).

III. SDG ARE REVOLVING AROUND GLOBAL WARMING SOLUTION

Decades of research on climatic changes found "Global Warming" creating negative impact on income of the people, business and economies. Hence United Nations Organisations Millennium Development Goals (2000 – 2015) came with special features for development and announced special packages (Free services for poor people, pregnant women, children etc.) because of which unfortunately the figure of poverty, hunger, malnutrition, mortality, HIV etc... reduced in percentage and not in numbers.

Now they found (realized) that global warming (climate change) impacts are squeezing the livelihood and income sources of people. They came with SDG'S to sustain the people (Agriculture, Business and its employees), UNO given much importance to Global Warming (Climate Change) in Sustainable Development Goals by repeating the word in several areas. The effects of global warming (Heat waves, drought, floods, storms, tornados) damaged the agricultural productivity squeezing 5 billion dependents income. The same leading to raise in food prices (Inflation), food shortage, migrations etc. At these conditions it is not possible to eradicate poverty and hunger of people by providing sufficient (quality) food in affordable prices which lead to malnutrition, low humidity resistance and easy adoption of diseases especially in women (including pregnant) children and old age people.

High inflation reduced savings which lead to reduce buying potential of people. Thus it is impossible to protect the investors and loan lender's money. At this typical situation economies will find drastic reduction in currency value (both internal and external), favoring rating under unhealthy situation. So, solution is very essential to bring the stable environment.

IV. THEORY IN PREPARING SOLUTION:

The solution revolves around money depositor in bank, RBI, Automobile manufacturer and consumer (customer) because everyone plays a vital role in providing and protecting employment. The person who is depositing money for his future benefits expects good rate of returns from banks for getting reasonably high interest. Banks (RBI) are also generating employment by transferring deposits by giving loans to the Customer's. The logic here is "Bankers are providing loans for producers (organizations), traders (dealers or distributors) and customers (end-user of product). A customer, who is purchasing product (two wheels or three wheeler or four wheeler or heavy vehicles) for his need or want or luxury is polluting more by consuming the product for long time. At the same time because of these customers only, employment in all areas like banking, organizations (automobile), consumers (dealers and distributors) indirect employment (transportation, petrol industry, servicing station etc) and government economical values (employment, rate, bad debts, taxes etc.) are generated. So, without disturbing or destroying the above values the solution follows below:

The depositor is free with his deposit for his future benefits. At any kind of situation bank should pay his interest. Customer is bearing (loosing) the risk on his shoulders. So we should give him a 30% or 40% or 50% royalty on his purchase. If Depositors deposit Rs. 100/- it should be equal to the purchasers worth Rs. 130 or Rs.140 or Rs 150. It will become double i.e Rs. 260 or Rs.280 or Rs.300. ie Rs.100 should become Rs. 260 or Rs.280 or Rs.300. with present fixed rate of interest.

Depositor Amount	Amount after royalty	Years to become	Remarks
Rs1,00,000	Rs. 2,60,000	12 years 3 months	Estimated life for a transport vehicles
Rs.1,00,000	Rs. 2,80,000	12 years 9 months	Estimated life for all personal vehicles
Rs. 1,00,000	Rs.3,00,000	13 years 9 months	Estimated life for all old age personal purchased vehicles.

This table has been prepared at 8% rate of interest on fixed deposits.

The selected estimated life time should be acceptable at $\pm 10\%$ range. We should also strictly implement pollution control board rules because consumption may vary customer to customer. Governments should provide 2 years as grace period with 1% tax on basic value.

Customer will get 8% to 10% of their investment return after expiry date. Industries will recycle the material to get raw material in an easy way. It also stops (reduces or controls) digging of earth (planet) for minerals. We can transfer the planet safely to next generations in this protecting manner.

V. CONCLUSION

Six to eight factors are main reason for increasing Global warming. This is going to be a first and best solution for Global Warming or Climate Change. Countries should come forward for implementing solution as early as possible. Else Sustainable Development Goals of United Nations Organization will project the worst result(s) with emissions. Emissions are increasing temperature which increases dehydration, dehydration leads to scarcity and scarcity is the main problem of lively hood of the people. Major emission surrounding human lively hood is the transportation. So this is the first step of solution to reduce 20% to 35% of emission in next decade. If further delayed, Government has to face the public sudden deaths with sunstrokes, hailstorms, tornados, hunger, floods, droughts, severe health problems with Malnutrition and Mortality, bad debts with financial problems in different areas like Agriculture & Self employment.

VI. REFERENCES

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