

# Green Management

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**Abstract- The effect of the Green Management as a remedy for environment degradation**

## I. INTRODUCTION

Environment is our surroundings which include all forms of life as plants, animals, human beings. The population of our country is increasing day by day and which in turn increases the demand for greater employment, which leads to more and more construction. This has led to tremendous growth of industry, infrastructure and construction development, which affects our environment and led to deforestation, generation of chemical waste, harmful gasses & radioactive waste into the environment.

Our current style of living is also effecting the environment. 90% of our time is spent indoors. Worldwide, buildings consume nearly 40% of the world's energy; Humans use 95 tons of coal, 40, 000 galleons of oil and 3 million cubic feet of natural gas every second of every day. 40% of landfill debris is from building construction alone.

Our environment is going from bad to worse and will soon lose its ability to support life! To find remedies for environment degradation, study of Green Management is essential. To understand the above standards one must know the Green Management tools, which includes:

1. Green Building
2. Green Material
3. Green Transportation

### Green Building

A structure and process that is environmentally responsible and resource-efficient throughout a building's life-cycle. A method with an efficient design, advanced technology, durable construction and maintenance with a minimal impact on the environment and promote a healthy atmosphere for those who live or work in the building. A building which considerably lower operating and maintenance costs like:

1. Reduced energy costs
2. Reduced water usage
3. Reduction in resource consumption
4. Reduction in greenhouse gas emissions
5. Improve indoor air quality
6. Responsible/ efficient use of land.
7. Reduce construction material waste.

### Green Material

Recycled Material (Industrial waste/Debris), Buy Locally available resources, Renewable Resources, Low Emitting Materials, FSC Certified Wood & Use 'low emission (Low VOC) Products.

### Green Transportation

Carpool, Use Public Transportation, Walk or Bike When Possible & buy a High-energy efficient vehicles.

**Other important Green management recommendations are:**

### Selection of site for building

Select a site with access to at least seven amenities, within a walking distance of 1 km from the farthest building entrance such as schools, collages, bus terminals, market, hospital, entertainment centers etc..

### Energy saving measures

Switch to small fluorescent light tubes, check thermostat, install highly Insulated tightly sealed envelope, check your heating and cooling system, choose energy star rating appliances, solar power for heat and electricity, use of energy efficient glass, switch to bio fuel/gas by installing anaerobic digesters in the basement or back yard.

### Green surrounding – to prevent heat Island effect

Plant fruit trees to provide protection from wind and sun at boundary of the house, generally use native plants, switch to green pavement for direct recharge of under ground water, use bio manure & nontoxic gardening methods.

### Benefits of Green Management

1. reduces Energy Consumption
2. minimize Green House Gases (Carbon Emissions) & Global Warming
3. reduces Dependence on Fossil Fuels
4. decreases Ozone Depletion
5. not promote Climate Change
6. protects Our Environment for Future Generations
7. natural light reduces fatigue.
8. reduced airborne contaminates can reduce medication levels of allergy sufferers.
9. minimizing waste to reduces construction costs.
10. efficient mechanical systems which uses of less fuel and are more economical mode of operation.
11. many green products are more durable than conventional materials.
12. green management practices will reduce future operating costs.

**Conclusion:**

Green Management practices that reduce the impact on environmental due to mass scale construction. In green management it promotes recycling of waste, restricts elimination of waste and emissions, water conservation, and energy efficiency practices for holistic growth of society.

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