

# Not All Recycling projects are

Cost effective:-

## 1- Introduction:-

### Thesis:-

Recycling is an important tool for reducing waste and preserve natural resource. Not all recycling projects are cost effective. The cost of recycling can be higher than producing new materials, the demand for recycled material may be low and not all recycled material recycled effectively.

## 2- Cost effective recycling projects.

a- Factors which determined the cost-effectiveness of recycling materials:-

- i- Type of material being recycled
- ii- Demand of material being recycled.
- iii- Availability of material



iv - Demand of that material in market

v - Collection costs of recycling material

vi - Transportation costs of recycled material

### b - Examples of cost effective recycling projects:

i - Recycling of plastic material is cost effective

ii - Recycling of aluminium

iii - Recycling of paper

### 3 - Less cost effective recycling project:

a - Factors which determined the less cost effectiveness of products:

i - Low market demand

ii - High collection and transportation cost.

iii - Complex recycling process

iv - Low quality recycled materials

## b - Examples of non-cost effective recycling projects:

i - Glass recycling

ii - Electronics waste recycling

iii - Car tyre recycling

iv -

## 4 - Advantages of recycling cost effective materials:-

i - Recycling minimize pollution and protect environment

ii - Recycling minimizes global warming by reducing the emission of  $CO_2$

iii - Recycling conserve natural resources

iv - Recycling cut down the amount of waste in land fill sites



v- Recycling contributes in creation of jobs

vi- Recycling of organic matter leads to production of valuable compost

vii- Recycling can give cheap energy or electricity.

## 5- Disadvantages of recycling projects

i- High cost of transportation of material

ii- Bad quality of recycled product

iii- Less demand in market

iv- Recycling industries <sup>having</sup> ~~are~~ harmful environment for the worker's health.

## Conclusion:-

Assalam-o-Alaikum

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