



















Inventory Analysis

Inputs:

- Materials.....steel, cement, aggregate, grout, etc.
- Travelling distance.....materials, plant, workers?
- Fuel consumption.....non-combined and combined
- Type of machinery.....energy consumption during construction
- Life expectancy of components......replacement and renewal
- Maintenance period.....replacement and renewal
- Recycling percentage.....during maintenance and demolition

Outputs:

- Energy consumption.....throughout the life cycle
- Emission to air.....from materials, fuel and manufacturing stage
- Emission to water.....materials, manufacturing and construction
- Waste and land fill.....materials, construction, maintenance and demolition
- Noise pollution.....construction and demolition















