



## **Design to Minimize Waste**

**Design is an important issue to be considered to minimize waste, as it considers the problem of waste at the source when waste is not yet generated.**

**This chapter investigates the design measures and concepts to reduce the generation of C&D waste. It studies the possibilities to delay the generation of demolition waste by optimizing building lives of existing buildings as well as new buildings. It also looks at ways to minimize waste arising from construction in the design.**

- 4.1. Delay the generation of demolition waste: optimizing lives of existing buildings**
- 4.2. Delay the generation of demolition waste: optimizing lives of new buildings**
- 4.3. Minimize waste from construction in the design**

Design Process Chart to Reduce Waste generation

