2. Environmental impact should be minimal and the storage liability should be indefinite.

The following are the storage options:

1. **Geological storage**: Here the CO$_2$ is stored in oil and gas reservoirs, saline aquifers and un-mineable coal fields.

2. **Ocean Storage**: This consists of CO$_2$ injection at great depths where it dissolves or forms hydrates at the bottom of the ocean. The ocean is considered to be the largest store of CO$_2$. However, the increase of CO$_2$ concentration in the ocean can have serious consequences on marine life.

3. **Mineralisation**: Conversion of CO$_2$ to solid inorganic carbonates using chemical reactions is involved in this process.

Most commonly found inorganic carbonate is Calcium Carbonate- CaCO$_3$. 