



















## **1. SEQUESTRATION OF LIVING BIOMASS**

Biomass can be directly <u>sequestered</u> in deep oceans or underground where decay rates are low.

The most promising feedstocks are agri-forestry residues...

**BECAUSE**, long term sequestration of biomass carbon <u>must not</u> adversely affect land use for food production and biodiversity.

Policy framework and markets are essential.

## 2. INCREASE SOIL CARBON BY STABILISATION

1/3 of terrestial organic carbon is in biomass, 2/3 exists as soil organic carbon

Soil organic carbon decays aerobically to CO<sub>2</sub>. It may be stabilised in the soil by aggregating the soil carbon with minerals such as: • organo aluminium complexes • alumina silicate minerals





























