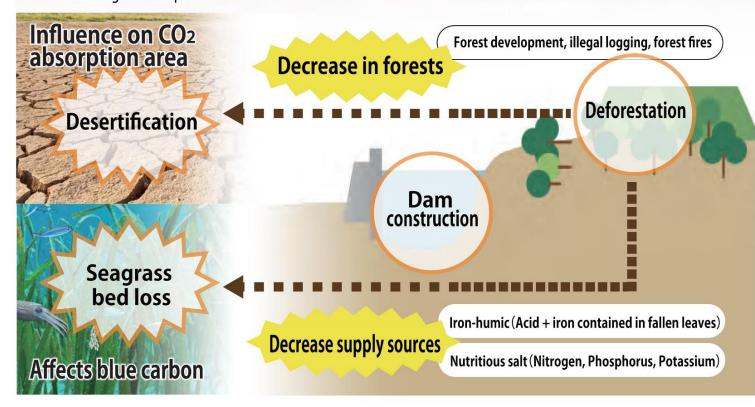


Proposal of Hybrid Carbon® Application for "Green Carbon Regeneration"

Green carbon refers to carbon absorbed and stored by forests on land, which absorb carbon dioxide (CO₂) and upply oxygen (O2) to the atmosphere through photosynthesis, but the loss of wetlands and deforestation in recent years has caused the area to decline. In addition, the supply of iron (Iron-humic), which is essential for seaweed growth, and nutrients nitrogen, phosphate, and potassium has become insufficient due to deforestation and dam construction in recent years, leading to the disappearance of seaweed beds (isobarring) and a blue carbon ecosystem crisis, Countermeasures against this problem are desired.



Hybrid Carbon® Use: Soil Improvement Example

Soil PH adjustment (Neutralization and weak alkalization)

Improvement of soil water retention

Suitable for organic cultivation where soil microorganisms (soil bacteria) can easily take root Improvement of soil permeability

Soil improvement demonstration test: Comparison test on barley-growing farmland



Hybrid Charcoal® Laying



Normal soil Soil mixed with carbide





◆ Normal soil ▶

■ Soil mixed with carbide ▶