Sustainable Carbon Cycle

Using existing natural gas reservoirs for conversion and storage of renewable energy.

- **Renewable natural gas**
- **CO₂**
- **CH₄**
- **H₂O**

Energetic utilization

Electricity generated by solar and wind power will be converted to hydrogen by electrolysis.

Micro-organisms convert injected hydrogen (H₂) and carbon dioxide (CO₂) into renewable natural gas (CH₄) and water (H₂O).

Energetic utilization

Using existing natural gas reservoirs for conversion and storage of renewable energy.