## Carbon Recycling Technology for coal

## **Power Grid** Renewable **Power Import** power export to grid Sea Water Desal PV / Wind Ren Unit Energy Process/Potable H<sub>2</sub> 02 water **ASU** Power Export to the grid 02 Oxy coal Syngas Coal Combined cycle gasifier power plant Hydrogen CO2 Natural gas import from grid Methanator CLEAN ENERGY & WATER **TECHNOLOGIES** SNG export

Natural gas Grid