# Research regarding development of CO2 computational evaluation system in construction projects. （Part 2）

**[ Point ]**

To archive the 6% of greenhouse gas reduction object, as agreed in the Kyoto Global Warming Conference, 60000000t. CO2 reduction is needed. In this research, we produced basic units, such as each material basic unit, each project basic unit, each structure basic unit, and each method basic unit, and then calculated the total CO2 evaluation amount of whole machinery lifecycle, from material production, transportation, construction, maintenance management and disposition, to systematically reduce CO2 in construction projects. In the calculation, 12 constructions were objected, such as roadway improvement, pavement, bridges (PC bridges, steel bridges), tunnels, rivers, erosion controls, seashores, parks, and sewages (open cut, propulsion, sealing).

Keyword：construction project , machinery lifecycle CO2evaluation amount, CO2 evaluation basic unit