

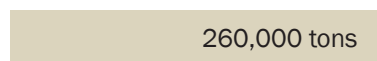
# High-density is more Green

Sustainable design is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

estimated annual greenhouse gas emissions from city energy use ( 65,000 residents )



ghg emissions of typical low-density development

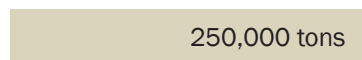


potential ghg emissions of high-density new songdo city

estimated annual CO<sub>2</sub> emissions from building energy demands ( 350 buildings )



conventional buildings

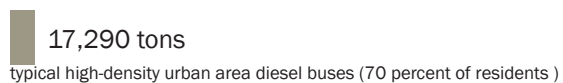


leed-certified buildings

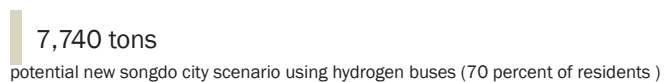
estimated annual CO<sub>2</sub> emissions from transportation demands ( 65,000 residents )



typical low-density, car-dependent area



typical high-density urban area diesel buses (70 percent of residents )



potential new songdo city scenario using hydrogen buses (70 percent of residents )