Enthalpy of combustion of waste CO

Enthalpy of combustion of CO

Approximately one billion tons of CO is lost each due to incomplete combustion of fuels. First compare the enthalpy of combustion of CO to that of H_2. Is CO a potential fuel? Then determine how make kilowatt hours of CO is lost every year.

You will need the following data.

$$\Delta_f H^o(CO_2) = -393.5 \; kJ/mol$$
$$\Delta_f H^o(CO) = -110.5 \; kJ/mol$$
$$\Delta_f H^o(H_2O) = -286 \; kJ/mol$$