

“Efficient use of natural resources – for example, energy, land, water – reduces our costs and respects the needs of future generations.”

MANAGING RESOURCES



Natural resources are precious. We aim to maintain and sustain the environment for the present and future generations. We seek to contribute to sustainable development in three inter-related ways.

First, by helping to meet the global energy challenges. This means providing the extra energy the world needs to develop, including more oil and natural gas; helping provide access to modern energy; and offering more and more customers cleaner products.

Second, by working to improve the environmental performance of our operations, lowering our emissions and our impact on biodiversity, and using less energy, water and other resources.

Third, by taking steps to enhance our social performance to minimise the impact of our operations.

The following are some of Shell Malaysia's efforts to ensure efficient use of our natural resources.

ENERGY CONSUMPTION

SM-EP consumed a total of 13,135,887 GJ of energy in 2005 compared to 13,696,757 GJ in 2004. That is 7.9% lower than the set target of 14,256,635 GJ. Diesel fuel consumption from seismic vessels was lower in Q1 and Q2 of 2005. For 2005, overall energy used for transportation amounted to 2,059,444 GJ compared to 2004's 1,850,905 GJ. However, the amount of jet fuel used reduced to 2,746 m³ in 2005 from 3,341 m³ in 2004. Conversely, the volume of diesel used by drilling rigs, maintenance work barges, standby boats, land transport and so forth rose to 61,245 m³ in 2005 from 52,677 m³ in the previous year. Gasoline consumption for 2005 rose to 171 m³ from 140 m³ the year before, mainly due to increased onshore and offshore activities. The energy efficiency index for 2005 was on target at 0.41 GJ/tonne of hydrocarbon produced. But this is a decline compared to 0.39 GJ/tonne of hydrocarbon produced in 2004, attributed mainly to increased activities in 2005.

SRC in 2005 used 16,628,000 GJ energy as total, a decrease from 17,047,000 GJ in 2004. Energy performance remains closely similar in both years.

FRESH WATER CONSUMPTION

SM-EP used 833,959 m³ of fresh water in 2005 compared to 744,181 m³ in 2004 due mainly to increased offshore activities as planned such as the E11 hub project, higher drilling activities and maintenance work.

Meanwhile fresh water consumption in our SRC facility for 2005 was 1,619,362 m³, compared to 2,064,881 m³ in 2004.