



Lesson: Planning

Exercise: Decision-making and sustainability

Template: Case study- discussion

World is facing the problem of Global warming. Global warming raises temperature not only in the Land, the rising temperature was detected also in the oceans. The ice is melting and the consequences are not avoidable. Global warming is the consequence of the greenhouse gas effect, which is mostly the production of human activities. The main greenhouse gases are: steam, carbon dioxide, methane, ammonia and ozone. Since 1700 the amount of carbon dioxide has risen by 31 % and the amount of methane by 149 %.

For reducing the greenhouse effect and to stop global warming it is necessary to reduce the use of fossil fuels and consequently the carbon dioxide emissions.

To reduce fossil fuels the use of alternative sources of energy is necessary. Among the alternative sources make a list. With 1 number the most important alternative source for your country or in your opinion and with 9 numbers the least important or impossible to use alternative source for your county or in your opinion.

To solve the exercise, use common sense and think!

___ solar energy

___ wind energy

___ nuclear energy

___ hydro energy

___ waste energy

___ geothermal energy

___ biomass

___ waste oil energy

___ electrolysis