



WEBINAR

Title

Introduction to energy sources and energy balances

Expert

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Abstract

This lesson is designed to give an overview of energy sources and energy balances through different approach. First of all, discussing the meaning of primary and second energy, the lesson focuses on where energy comes from, what kind of useful forms of energy do we use in our daily life and how to transform it. Due to the presence in nature of "*unuseful*" energy, it is also important to analyse the rules that allow conversion of the different forms of energy into useful energy. Moreover, prof Ghoneim tackles the global energy system facing energy sources and uses. He tries to quantify energy, giving a sense of its numbers, in order to give an overview of the world use of energy and energy balances, both global and local.