



WEB SEMINAR ENERGY

MARK HOWELLS

Professor and head of division, Energy Systems Analysis at Royal Institute of Technology

Mark Howells is professor in Energy Systems Analysis at Royal Institute of Technology (KTH). The field of research covers energy systems analysis, methodological development and modelling of energy systems in global and regional perspectives with the aim to develop decision support systems for decision makers.

Before joining KTH Prof. Howells worked at the Planning and economic studies section (PESS), in the International Atomic Energy Agency (IAEA) in Vienna. There he worked with application of energy systems analysis to answer questions which relate to social, economic, environmental and other strategic goals.

Prof. Howells is proficient in the application of most energy models presently established including LEAP, MARKAL, TIMES and MESSAGE. Developing new models such as CLEW (Climate, Land-use, Energy and Water), a multi-resource model aimed at coordinating policy in various resource related areas; and OSeMOSYS, the Open Source energy Modelling System aimed at adding optimization capacity to energy modelling.