

Assessment of the Very Long Term Development of the Needs For Energy Services: The VLEEM Methodology

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The European Union launched two years ago an effort to develop a new energy model called Very Long Energy and Environmental Model (VLEEM). Special emphasis of the model is the very long-term development. A back-casting methodology is applied, especially to address sustainability issues. The results of the model should help the European Union to shape its energy research portfolio.

The presentation should give an overview about the energy demand side of the VLEEM methodology. It would start with an introduction of the new concepts, which are developed in VLEEM to appraise energy related needs over one century. It would then explain which fundamental relations are captured in the modeling, linking demography, information, welfare and needs for energy services. Results already achieved on some world regions would eventually be presented.

Abstract for the International Energy Workshop
jointly organized by the
Energy Modeling Forum (EMF), International Energy Agency (IEA) and IIASA.
24-26 June 2003 at IIASA Conference Center, Laxenburg, Austria