

We aim to provide our clients with the best support possible. Therefore we combine scientifically acknowledged methods for macroeconomic investigation. Analysis methods may include:

- Comparative-static data processing
- Dynamic simulation analysis via the simulation model MOVE2 (classical welfare studies; economic, energetic and ecological impact assessment; analysis of investment decisions)
- Socio-economic evaluation via the add-on tool MOVE2social (employment and unemployment effects regarding age, income and gender)

We applied our macroeconomic impact assessment successfully to more than 50 projects to evaluate diverse questions of energy and techno-economic research.

Realized research on national level (selection):

- Economic and financial effects of a new GHG target for 2030 in Austria and on the Austrian economy
- Integrated assessment of financial policy instruments for greenhouse gas reduction in the road transport sector
- Economic strength of renewable energy
- Economic and ecological evaluation of CO₂ and fuel oil taxes

Realized research on regional level (selection):

- Quantification of green job potentials
- Impact assessment of the program “Energy Future 2030” of the Upper Austrian Government
- Macroeconomic effects of healthy and regional nutrition
- Effects on economic growth and employment due to building flood protection infrastructure

For information about macroeconomic evaluations please contact:

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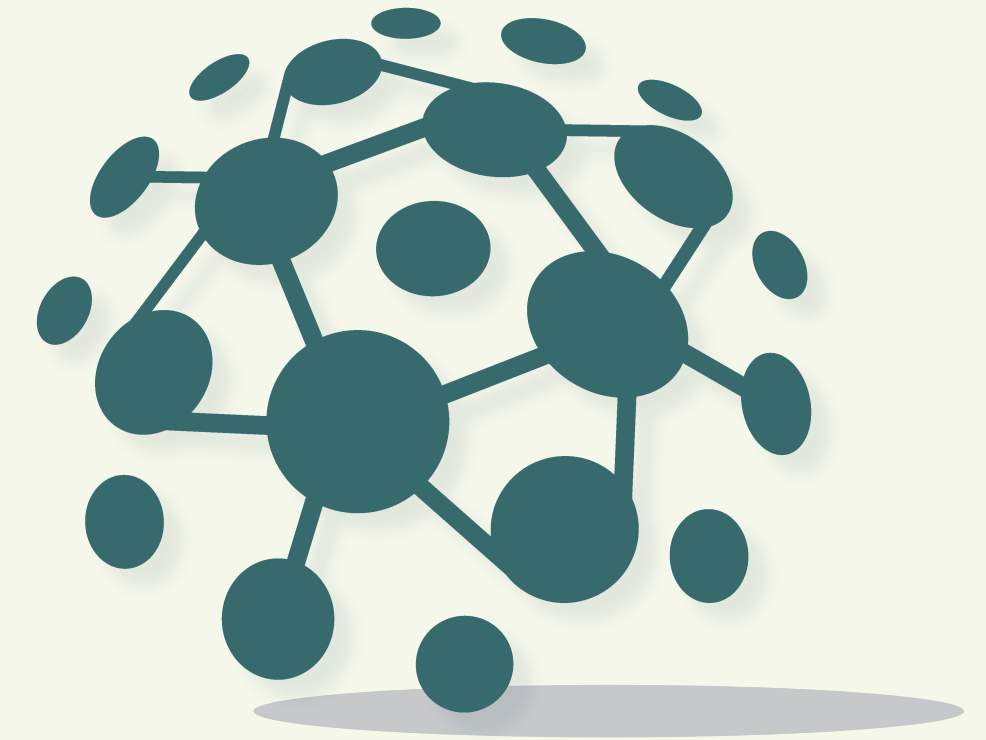
and download the brochure of the MOVE2 model

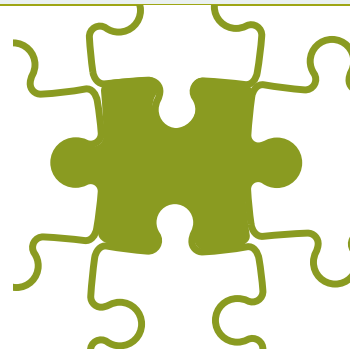
<http://www.energyefficiency.at/web/projekte/simulationsmodell-move.html>

www.energieinstitut-linz.at

Your partner

for macroeconomic **SIMULATION ANALYSIS**
of energy, economic, environmental and
socio-economic related issues





The Energie Institut an der Johannes Kepler Universität Linz is a highly distinguished project partner, whenever multidisciplinary knowledge of more than one scientific field is demanded in research. The institute's three departments are: Energy Economics, Energy Law and Energy Technologies. The combination of these three core disciplines allows comprehensive analyses and accounts for all aspects of future-oriented energy topics.

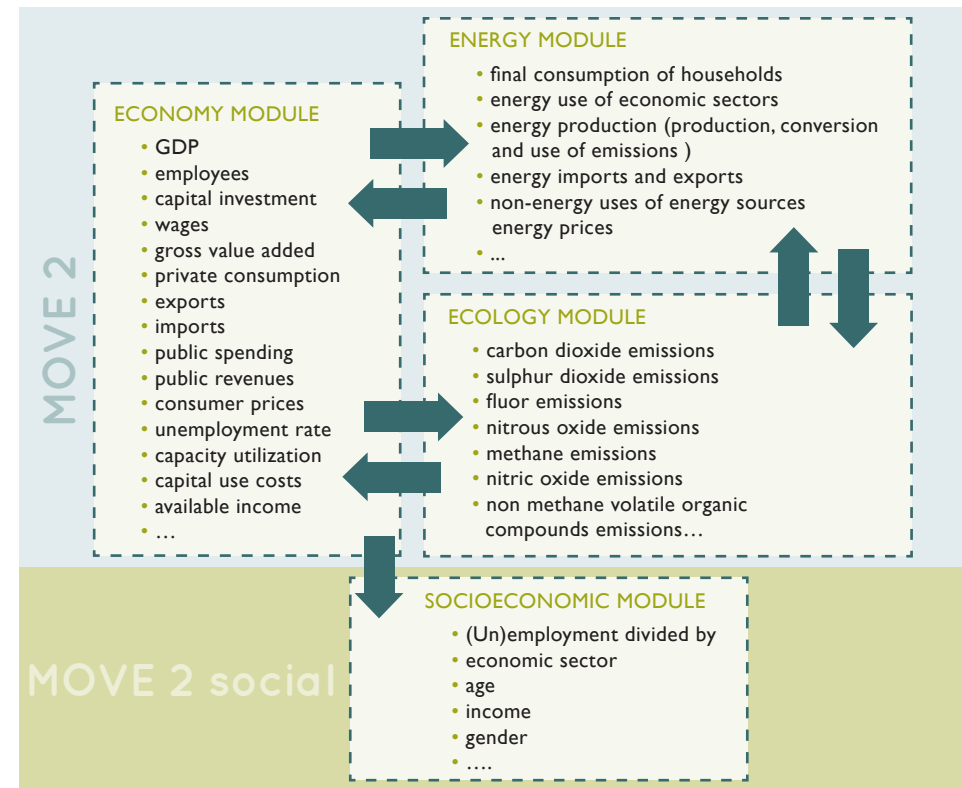
The department of energy economics provides a strong know-how in time-series based macroeconomic simulation analysis especially in the following areas:

- Energy policy
- Environmental regulation
- Climate policy
- Public economics
- Social economics
- Infrastructure policy
- Techno-economic analysis

The acquired expertise is readily transferable to versatile topics, processes and products.

Decisions require economic impact assessment...

The focus of our analyses is on the estimation of various economic and structural changes within (Upper) Austria and on the analysis of economic, ecologic and energetic effects due to political decisions, with an emphasis on energy related topics. This enables comprehensive and complex studies of all aspects of the (local) energy market. Our simulation tool was primarily designed for Upper Austria, but is suitable for the entire Austrian area accounting for special structural characteristics. Our analyses were carried out already in several regional and national projects (financed e.g. by the Austrian Climate Research Program, the Austrian Climate and Energy Fund, regional institutions and energy providers) particularly for the economic analysis of energy and environment related research questions. Within Central Europe there are no comparable simulation tools regarding the local energy sector available.



Our services & your benefits

The academic staff of the Energieinstitut an der Johannes Kepler Universität Linz is equipped with macroeconomic analysis skills based on the highest level of knowledge. We assist our partners from politics and industry by strategic advices regarding:

- Classical welfare analysis
- Energy efficiency and renewable energy strategies and targets
- Public Choice analysis
- Identification of cost-effective policy & best practice policies
- Information for decision makers about potentials & policies
- Assistance to design, implement and evaluate best practice policies
- Facilitation of dialogue and international co-operation

By taking a coordinated approach to economic impact assistance, our collaboration will ultimately increase the implementation of certain energy, environmental and climate policies and relevant technologies.

Macroeconomic Impact Assessment

