

 Austrian
Development Agency



Workshop 2

**ACCESS TO ENERGY FOR ALL - THE ROLE OF LOCAL INITIATIVES FOR
ENERGY MANAGEMENT**

5.-6. June 2012

Schloss Laxenburg - IIASA

Schlossplatz 1, A-2361 Laxenburg

Final Program

Gvishiani Room, IIASA

Day 1:

9:00-9:30 A.M.: Registration

9:30-10:00 A.M.: Words of welcome and opening:
SID (T. Nowotny, president of SID, Vienna Chapter)
IIASA (P. Kabat, Director/CEO IIASA)
UNIDO (N. Zetsche, UNIDO)

10:00 A.M.-12:30 P.M.: **Session 1** (Chair : U. Schubert, SID, Vienna Chapter)

10:00-10:30 A.M.: "Energy access for all, background and challenges for the future"
(S. Pachauri, IIASA)

10:30 -10:40 A.M.: Discussion

10:40-11:10 A.M.: Coffee and Tea

11:10 A.M.-12:30 P.M.: **Session 1 continued**

11:10-11:40 A.M.: “The conceptual frame, energy economics and policy”
(N. Wohlgemuth, Univ. Klagenfurt)

11:40-11:50 A.M.: Discussion

11:50 A.M.-12:20 P.M.: “The socio-economics of creating and maintaining local initiatives”
(R. Lukesch, OEAR)

12:20-12:30 P.M.: Discussion

12:30-1:45 P.M.: Lunch

1:45-3:45 P.M.: **Session 2** (Chair T. Nowotny, SID)

1:45-2:15 P.M.: “Technological options , social costs and sustainability ”
(S. Nonhebel, University of Groningen, Center for energy and environmental
sciences, Netherlands)

2:15-2:25 P.M.: Discussion

2:25-2:55 P.M.: “Social innovation and local initiatives” (A. Osakwe)

2:55-3:05 P.M.: Discussion

3:05-3:35 P.M.: “Island Energy Systems as Solution for Energy Poverty in Africa”
(N. Marsalek, Consultant for UNDP)

3:35-3:45 P.M.: Discussion

3:45-4:15 P.M.: Coffee and Tea

4:15-5:35 P.M.: **Session 3** (Chair: (S. Pachauri, IIASA)

4:15-4:45 P.M.: “Renewable Energy: Challenges, approaches and options” (N. Zetsche, UNIDO))

4:45-4:55 P.M.: Discussion

4:55-5:25 P.M.: “Local energy initiatives: identifying and managing problems.”
“Factors in achieving durable results: how to handle risks and monitor progress”
(P. Hesp, SID, Vienna Chapter)

5:25-5:35 P.M.: Discussion

Day 2:

9:00 A.M.-12:15 P.M.: **Session 4:** Wodak Room, IIASA

Working groups (parallel sessions)

1. WG 1 (Chair M. Getzner, TU Vienna)

“ Planning approaches for local energy management (with the specific focus of spatial planning)”

2. WG 2 (S. Ogalleh/R. Roschinsky, BOKU Vienna)
“ The role of social innovation in local initiatives”
3. WG 3 (S. Sedlacek, MODUL Univ. Vienna)
“ Starting and maintaining networks for local initiatives”
4. WG 4 (P. Wächter, WU Vienna)
“Renewable energy: curse or blessing?”
5. WG 5 (F. Wirl, UNI Vienna)-
“Energy Poverty – A chance for renewables”

12:15-1:45 P.M.: Lunch and optional guided tour of Schloss Laxenburg

Poster Session: Wodak Room, IIASA

1:45 -4:00 P.M.: **Session 5:** Wodak Room, IIASA

Poster show by participants representing local initiatives for energy management

4:00-5:00 P.M.: **Session 6:** Gvishiani Room, IIASA

(Chair: U. Schubert)

Reports from the working groups to the plenary

5:00 P.M.: Closure

Day 3: Field trips



University of Natural Resources
and Life Sciences, Vienna
Centre for Development Research



Short CV's:

Getzner Michael, Professor of Public Finance and Infrastructure Policy, University of Technology Vienna; Ph.D. (1992) on environmental taxation (Vienna Univ of Economics and Business Administration); habilitation (2001) in economics (Klagenfurt Univ); 2005-2010: director of the international M.Sc. programme "Management of Protected Areas" (Klagenfurt Univ). Over 120 reviewed publications in journals, collective volumes and conferences, in the main research fields of public finance, infrastructure, ecological economics.

Hesp Paul is a Dutch citizen. He received his education at Amsterdam University, 'doktoraal' (advanced degree) in economic geography. Postgraduate courses in environmental management, University of London. Worked in the publishing industry and as a research fellow at the African Studies Centre, University of Leiden, Netherlands. Regular UNIDO consultant since 1984; field work in East European, Asian and African countries. Major assignments for UNIDO in recent years: preparing the Annual Reports of the Organization and designing a basic framework for systematic project risk management.

Pavel Kabat became the tenth Director of the International Institute for Applied Systems Analysis (IIASA) in February 2012. He remains to be a Professor of Earth System Science at Wageningen University, and Director and Chair of the Royal Dutch Academy of Arts and Sciences' Institute for Integrated Research on Wadden Sea Region. Born in Czechoslovakia in 1958, Professor Kabat lived and worked in Canada and the Netherlands before moving to Austria to direct IIASA. Since his PhD in Hydrology, Water Resources and Amelioration in 1986; he has built scientific expertise in climate hydrology and water cycle, water resources and climate, land interactions with the atmosphere and biogeochemical feedbacks, climate system and climate change, and global change.

Lukesch Robert studied agriculture and rural development at the University of Natural Resources and Applied Life Sciences in Vienna, sociology and anthropology at the University of Vienna and political science at the Institute of Advanced Studies in Vienna. His professional training involved a study of systemic consultancy of enterprises and organisations (Certified Management Consultant). As a consultant he worked in several fields, such as participatory planning and evaluation of sustainable regional development programmes, strategy, network and knowledge development in enterprises, organisations and regions as well as systemic management of development cooperation programmes. In addition he was involved in the training and coaching of decision makers, research and policy advice in the fields of territorial cohesion and rural development in Europe.

Marsalek Nina graduated in International Business Administration, specializing on international energy and environmental management. In her previous occupations, she

worked in the Austrian waste management sector, analyzed the development of "green jobs" for a local government and now runs a project to improve energy access for off-grid households in East Africa.

Nonhebel Sanderine is a professor at the University of Groningen in the Netherlands. She graduated from the Agricultural University of Wageningen, Netherlands. Her areas of interest are agricultural economics, climate change, food production and ecological theory. She has numerous publications relating to these themes.

Nowotny Thomas is the president of SID Vienna Chapter, teaches political science at the University of Vienna, formerly Austrian diplomat

Pachauri Shonali is a Senior Research Scholar with the Energy Program at IIASA. She also serves on the Executive Committee of the Global Energy Assessment (GEA) and is member of the Editorial Board of the journal *Economics of Energy & Environmental Policy*. She received her Ph.D. from the Swiss Federal Institute of Technology Zurich (ETHZ) in 2002, following which she was a postdoctoral scholar with the Centre for Energy Policy and Economics at ETHZ. Since joining the Energy Program at IIASA, she has been coordinating and leading research on analyzing policy pathways for achieving universal modern energy access and assessing the wider impacts of this for sustainable development. Her research foci include the analysis of the socio-economics of energy access, use and choice; resource use and access in relationship to lifestyles, poverty and development; energy access, demand and fuel choice modeling as well as the analysis of embodied energy of household consumption in developing countries.

Roschinsky Romana has graduated from BOKU University of Natural Resources and Life Sciences Vienna in agriculture with specialisations in organic agriculture and a master thesis conducted at the Division of Animal Sciences with field work in Uganda in 2009. Even before she has been interested in agriculture and livestock production in the "developing world". Since 2010 she is working on her doctorate on the topic of "crossbreeding as innovation for dairy farmers in the tropics" during which she is conducting fieldwork in Ethiopia, Uganda and India. The focus of her research is the how crossbreeding local with high yielding dairy cows as been introduced in her study regions, how farmers develop this technology and which influences can be found on their production systems. She is supported by BOKU DOC Grant during the course of her doctorate.

Schubert Uwe is a retired professor of environmental and urban economics at the university of Economics and Business in Vienna. He is the vice-president of SID, Vienna Chapter.

Sedlacek Sabine is Assistant Professor at the Department of Public Governance and Management. Before joining MODUL University Vienna she was Assistant Professor at the Institute for Regional Development and Environment at the Vienna University of Economics and Business Administration. She obtained her PhD in economic geography from the University of Vienna, with a doctoral thesis in the area of sustainable regional development.

Her current research and teaching interests focus on regional and local economic development, environmental economics and sustainability. The question of governance for sustainable development on different spatial levels is one of her primary research interests.

Wächter Petra holds a Master degree in economics of the University of Vienna and a Diploma in Socio-Ecological Research of the Institute for Interdisciplinary Research and Education, Vienna. She worked for five years as a researcher at Vienna University of Economics and Business and is currently working at the Institute of Technology Assessment of the Austrian Academy of Sciences. Her research is on ecological economics and inter- and transdisciplinary studies in the fields of sustainability and energy and focuses on sustainable energy systems and its impacts on nature and society and on technology assessment.

Wirl Franz studied mathematics and economics at the Technical University of Vienna. After his time as an assistant professor at the same institution he worked for the OPEC secretariat in Vienna as an econometrician. He held a chair for energy economics at the University of Magdeburg in Germany and the University of Vienna and is now professor at the University of Vienna covering the fields of industry, energy and environment. His major research interests are resource and environmental economics, energy markets and industrial organization. His methodological expertise spans fields such as optimal control theory, dynamic games, complex dynamics, principal agents' models as well as real options approaches.

Wohlgemuth Norbert is a professor at the University of Klagenfurt in Austria. His research and teaching activities are in the field of energy-, resource- and environmental economics as well as public finance. He also teaches applied statistics.

Zetsche Nina With over eight years of work experience at the interface of environment and business, she has concentrated particularly on climate change and the carbon market instruments, renewable energy and energy-efficiency. Having worked for both industry and government clients, she has been able to develop a strong set of multi-disciplinary, transferable skills with a focus on the management of technology transfer projects as well as more traditional technical cooperation assignments, tool development and capacity building. Her strength lies in engaging with a wide variety of stakeholders in different cultural environments to develop intelligent, context specific strategies and action plans that deliver effective, long-term solutions.