

Dr. techn. Amela Ajanovic

COMPANY Vienna University of Technology

INSTITUTION

WORK EXPERIENCE

INSTITUTE OF ENERGY SYSTEMS AND ELECTRIC DRIVES, VIENNA UNIVERSITY OF TECHNOLOGY

2003 - 2007

Assistant professor

INSTITUTE OF POWER SYSTEM AND ENERGY ECONOMICS, VIENNA UNIVERSITY OF TECHNOLOGY

2007 - present

Senior researcher

EDUCATION

MASTER'S DEGREE (DIPL.-ING.) IN ELECTRICAL ENGINEERING, VIENNA UNIVERSITY OF TECHNOLOGY

1996 - 2002

PHD STUDIES (DR. TECHN.) IN ENERGY ECONOMICS, VIENNA UNIVERSITY OF TECHNOLOGY

2003 - 2006

PROJECTS

Leader of the EU project: "ALTER-MOTIVE - Deriving a (least-cost) action plan for promoting alternative automotive Technologies and alternative fuels", Client: EC – EACI, 2008-2011.

Leader of the project: "ALTETRÄ – Alternative energy carriers", Client FFG (Austrian research promotion foundation), 2008-2011.

Participant in: "The possible role of renewable hydrogen in a sustainable Austrian energy system"; Client: Joanneum Research, Graz, Austria, 2006.

Participant in: "Global Scenarios for the Energy Infrastructure Development", Client: Central Research Institute of Electric Power Industry, Tokyo, Japan and International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria, 2005.

Participant in: "Hydrogen and electricity", Client: Austrian Association of Electricity Utilities (VEÖ), 2005.

PUBLICATIONS

A.Ajanovic, Renewable fuels - A comparative assessment from economic, energetic and ecological point-of-view up to 2050 in EU-countries, *Renewable Energy* 60 (2013) 733-738

A. Ajanovic, G. Jungmeier, M. Beermann, R.Haas, Driving on renewables – on the prospects of alternative fuels up to 2050 from an energetic point-of-view in EU countries, *Journal of Energy Resources Technology* Published by ASME, J. Energy Resour. Technol. 135(3), 031201 (Jun 03, 2013) (7 pages)
doi:10.1115/1.4023919.

A. Ajanovic, Carol Dahl, Lee Schipper, Modelling transport (energy) demand and policies — An introduction, *Energy Policy* 41 iii-xiv, 2012.

A. Ajanovic, Reinhard Haas, The role of efficiency improvements vs. price effects for modeling passenger car transport demand and energy demand — Lessons from European countries, *Energy Policy* 41 36-46, 2012.

A. Ajanovic, Gerfried Jungmeier, Martin Beermann, Reinhard Haas, The Long-Term Prospects of Biofuels in the EU-15 Countries, *Energies* 2012, 5, 3110-3125; doi:10.3390/en5083110.