

## Doc. Ing. Jaroslav Knápek, CSc.

**COMPANY** Czech Technical University in Prague

### INSTITUTION

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#### WORK EXPERIENCE

**INSTITUTE OF GENERAL ENERGY, ACADEMY OF SCIENCES, PRAGUE**

1989 - 1991

Researcher

**DEPARTMENT OF ECONOMICS, MANAGEMENT AND HUMANITIES, CZECH TECHNICAL UNIVERSITY IN PRAGUE**

1991 - 2003

Assistant Professor

**DEPARTMENT OF ECONOMICS, MANAGEMENT AND HUMANITIES, CZECH TECHNICAL UNIVERSITY IN PRAGUE**

2003 - 2006

Associate Professor

**DEPARTMENT OF ECONOMICS, MANAGEMENT AND HUMANITIES, CZECH TECHNICAL UNIVERSITY IN PRAGUE**

2006 - present

Head of the department

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#### EDUCATION

**PHD STUDIES (PHD.) FACULTY OF ELECTRICAL ENGINEERING, CZECH TECHNICAL UNIVERSITY IN PRAGUE**

1993 (defense)

**MASTER'S DEGREE IN ECONOMICS AND MANAGEMENT OF POWER AND ELECTRICAL ENGINEERING, FACULTY OF ELECTRICAL ENGINEERING, CZECH TECHNICAL UNIVERSITY IN PRAGUE**

1980 - 1985

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#### PROJECTS

2011 - 2013 EU Grant-Intelligent Energy Europe: "Design and impact of a Harmonized policy for renewable electricity in Europe." Contractor: CTU, Position: member of the consortium of investigators, investigator responsible for CTU.

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2010 - 2013 Project VG20102013060: "Analysis of the biomass potential as a strategic resource for domestic energy needs in crisis situations." Grantor: Ministry of the Interior. Contractor: CTU, Position: member of the consortium of investigators, investigator responsible for CTU.

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2006 - 2011 Project 2B06131: "Non-food biomass use in energetics." Co-investigator of part V004 "Economics of energy crops." Grantor: Ministry of Education, Contractor: CTU, Position: member of the consortium of investigators, investigator responsible for CTU.

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2007 - 2010 Project SP/3g1/24/07: "Methodology and analysis of biomass potential in the Czech Republic." Co-investigator of part "Economics of biomass." Grantor: Ministry of Agriculture, Position: member of the consortium of investigators, investigator responsible for CTU.

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2005 - 2011 Project 6840770017: "Development, reliability and security of electric power systems." Grantor: Ministry of Education, Contractor: FEL CTU, Position: co-investigator.

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## PUBLICATIONS

Knápek, J.; Haas, R.; Havlíčková, K.; Kalt, G.; Kranzl, L.; Resch, G., 2010. Energy for Sustainable development II. Prospects for renewables in the Czech Republic and Austria with special focus on biomass. Alfa Nakladatelství, ISBN 978-80-87197-36-3, p. 323. (Used by the Federal Ministry of Agriculture, Forestry and Environment, Austria)

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Knápek, J. et al., 2011. Economic and financial aspects of the biomass production and utilization for the update of National Action Plan 2020, 2011. (Used as a basis for the Action Plan for biomass in 2012-2020.)

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Knápek, J. et al., 2012. Cost estimation for the support of the biomass electricity generation according to National Action Plan and impact assessment. 2012. (Used as a basis for the Action Plan for biomass in 2012-2020.)

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Knápek, J. et al. Study on the issues of renewable energy sources and combined heat and power generation. (Used as a basis for the Price Decision for the FIT of electricity from RES)