

CV and reference list for Helle Junker



Name	Helle Junker
Address	Ellipsen 26, 7000 Fredericia, Denmark
Birthday	August 24, 1961
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Email	hj@junker-consult.dk
Children	Anders (25), Rasmus (22) and Christian (16)
Partner status	Relationship
Interests	Family, friends, fitness and classic music.

Education

1980	Student from Hobro Gymnasium
1980-81	First year at Danmarks Biblioteksskole
1981-86	M. Sc. in mechanical engineering from Aalborg University
1993-97	Ph.D. as industrial researcher at Elsam

1. Description of my background

I have always worked with planning and management of projects related to new technology in the energy sector. One of my competences are to get teams to perform together to achieve an objective that we either define together or an objective given by others. Communication with stakeholders intern and extern the companies and with universities and research institutes has probably been the most important element in achieving success.

General experience has been attained within project development and management in international multi-disciplinary R&D projects, planning and performing experiments as well as decision analysis in relation to strategic management. For several years my area of expertise has included the development of project proposals in many subject areas also outside my main area of expertise. During the last 18 years **I have evaluated of R&D proposals both at national and EU level, reviewed project progress for the EU commission and contributed to the development of future research programmes.**

I have acquired my expertise from employment and R&D activities in a boiler manufacturing company, lecturing at Aalborg University, studies in the USA and Belgium, as well as Ph.D. work as Industrial Researcher and innovation management in DONG Energy. From 2010 I developed my own consulting company with the objective to **assist companies to become successful in achieving funding for R&D.**

I have comprehensive theoretical and practical experience in most of the energy sector.

This includes combustion, boiler technology and gasification as well as other aspects of technologies in energy systems such as CCS and 2nd generation ethanol production. My experience has been obtained through theoretical and practical investigations of deposits in boilers from coal and biofuel combustion and when cofiring coal and biofuels. Experimental work on pilot plants includes both CFB, grate-fired boilers and pulverised coal combustion technologies. The theoretical and practical knowledge of fuels covers coal, biomass (including algae), biomass resources, biogas, waste, contaminated biomass, cofiring of coal and biofuels as well as blending of biofuels and assessment of the impact of additives in biomass combustion. My area of work has also included gasification of biomass for liquid synfuel production or as pre-coupled gasifiers for cofiring of waste fractions.

During two years I worked in wind turbine companies. At Vestas I became familiar with wind turbines both on- and off-shore and with the challenges of getting substantial amounts of power from wind turbines into the power grid as well as possibilities and challenges in smart grid. At Vestas my job was to explore funding opportunities for Vestas primarily in the EU and in the USA. At kk electronic I work with several aspects of wind turbine control systems. Here I implemented an internal evaluation procedure for pre-projects and applied for funded projects and platforms in Denmark.

For almost seven years I worked in my own company: Junker Consult assisting companies in getting EU or Danish national funds to technology development and demonstration of technologies.

2. Experiences

Junker Consult 2010 –

Owner and fundraiser

Selected references:

Development of the company: Junker Consult

Pre-reviewer for Energinet.dk in development of proposal for EU FP7. Project granted.

Final review of the EU FP6 IP project CHRISGAS (production of hydrogen rich syngas) from the EU commission.

Evaluating proposals for EU Horizon 2020, FP7, IEE, ITN, IAPP and EUROSTAR in several calls. Evaluation of EU Horizon 2020 proposals for 8 calls in 2014-2015. The actual calls has to remain confidential.

Evaluating proposals for EUDP, Denmark. From autumn 2011 and twice every year. Biomass specialist.

Vice-chair the EU Horizon 2020 in MCSA evaluation in 2015.

Review project progress for EU in the Marie Curie programme in Horizon 2020.

Provide assistance to a company in applying EUDP for funding winter 2011.

Assist Affald Plus in assessment of EU funding possibilities in the summer 2011.

Assist Fredericia Kommune get funding to realise the vision: From Nordsøgas to Fredericia Gas. Winter 2012.

Provide assistance to a company in applying EUDP for funding spring 2012. The project was approved for funding.

Provide assistance to company applying for funding to Trafikstyrelsen summer 2012. Proposal granted.

Assist the European Commission in: Impact Assessment for a Joint Technology Initiative on Bio-Based Industries. The commission wanted the assessment from nine experts (me being one of these) on the effect of clustering 3,8 billion euro in Horizon 2020 for development and demonstration for this sector. Summer and autumn, 2012.

Assist Lean Energy in development of proposal winter 2013 and write final report spring 2013.

Assist the EU commission in evaluation of the EIT (European Institute for Innovative Technologies) programme april 2013. The project meetings took place in Budapest.

Write a proposal to Trafikstyrelsen for Odense Kommune. Summer 2013.

Assist company in writing proposal for ERA-NET. Summer 2013.

EUDP proposal for HMN. Summer 2013. Project granted 20 mio. DKK as applied for.

Associated consultant for CAPNOVA in 2014. Helping approximately 30 companies apply for funding from the Danish National Funds: Markedsmodningsfonden, Differentieringspuljen, Erhvervsstyrelsen, EUDP and PSO.

Assisting Danish Technological Institute in applying for EU funds in 2014 through Horizon 2020 in various programmes. Three out of five proposal passed the evaluation. Grant preparations ongoing.

Help SMEs apply for Phase 1 and Phase 2 projects in Horizon 2020. The Phase 2 project passed and the company was granted 1,8 mio. Euro. The Phase 1 proposal passed threshold but was not granted in the first attempt.

Assisting Danish Technological Institute apply for EUDP funds in 2015. Two out of five proposals were granted.

Support consulting Engineering Companies in writing EUDP proposals in 2015.

Assist Århus University in 2014 and 2015 in applying for an EU Horizon 2020 MCSA project for a training programme for PhDs.

Assist a company in applying for a Horizon 2020 demonstration project.

Assist DTU in writing an EU Horizon 2020, Stage 2 project in 2015.

Help CLEAN Energy Cluster getting EU funding to the members in 2015.

Assist company from Iceland write a Horizon 2020 SME Phase 2 proposal.

Apply for additional funding to EUDP from HMN summer 2015. Granted 11,5 mio. DKK.

Evaluations for EU and ENS in 2016 at several occasions.

Make presentations for Innovations-agenterne.

Assist company write a Horizon 2020 SME Phase 1 proposal in farm and crop management.

Writing an EU CEF TEN-T proposal for HMN and partners, 2016.

Naturgas Fyn. July 2012 – July 2013

Business Developer

Apply Trafikstyrelsen for funding to the proposal: Gas på Nye Veje. The proposal is approved and granted kr. 3,5 mio. This is the amount applied for.

Apply funds for biogas construction projects at Erhvervs- og Selskabsstyrelsen. It is not yet known if the projects are selected for funding.

Market development.

Communication with both political and private stakeholders.

Business strategies and feasibility analysis for natural gas and biogas fuel stations.

Lobbying.

Preparing proposals for infrastructure build up grants.

Preparing proposals for the EUDP-2013-1 call.

KK electronic. March 2011 – April 2012

Senior Innovation Manager.

Strategic planning of R&D activities.

Implementation of evaluation procedure for R&D pre-projects: Technical and economical feasibility. The procedure is an innovation funnel including: Ideation, Qualification, Incubation and Transfer.

Applying for a Test Station at Høvsøre. The test station was granted. kk electronic is part of a consortium together with LM Group Holding A/S, Svendborg Brakes A/S and LM Windpower A/S.

Applying for EUDP funding September 2011. The proposal "CoE-hunter. How can a control system lower your Cost of Energy?" received very positive evaluation reports but was not granted.

Applying for a HTF grant. The proposal was granted. The proposal "Intelligent and Efficient Power Electronics (IEPE)" has Aalborg University (Stig Munk-Nielsen) as the leader and was granted 106 mio. Kr. Other participants in the consortium are: Grundfos Holding A/S, Danfoss Power Electronics A/S, Vestas Wind Systems A/S, DTU Electrical Engineering, SDU Institute of Technology and Innovation and CEES.

Task Force Manager for a new control system platform for wind turbines. The activities include planning of the launch of the new wind turbine control system "C" at the EWEA 2012 Event in Copenhagen.

Vestas Wind Systems. May 2010 – March 2011

Funding Specialist in Global Technology Innovation.

Applying DOE for the Funding Opportunity Announcement FOA 313. The proposal aimed at testing energy storage by means of batteries and spin wheels.

A pre-feasibility study on demonstration of large (> 6 MW) off-shore wind turbines. This was intended for clarification of the benefits and draw-backs if applying the European Commission for funding to a wind turbine park through the EU NER300 programme.

Development of a proposal request to DOE. The proposal described an Off-shore Research Centre in Texas next to the Mexican Golf.

Applying PSO 2011 for a proposal named EASE WIND: Enhanced Ancillary Services from Wind Power Plants. The proposal was granted 6 mio. Kr.

Development of a funding strategy for Vestas in the USA.

Applying for EU funding: A project for wind turbine cluster simulation. The proposal was granted.

DONG Energy 1993 – 2010

Senior innovation manager

Selected activities:

- 2009-2010** Development of Road Map for DONG Energy's business development for algae as biofuel and algae biorefinery.
- 2009** Applying PSO at Energinet.dk for funding for the Pyroneer concept in project: B4C – Biomass for Conversion. A demonstration project together with a small Danish SME for up-scaling of a 6 MW_t pre-gasifier for pretreatment of straw and cofiring of the producer gas in boilers. The project was granted EURO 5 million from PSO.
- 2008-2009** Applying for funding for an EU project: KACELLE (Kalundborg Cellulosic Ethanol Plant) and contributing to the contract negotiations. The project covers an optimisation of the ethanol plant being built in Kalundborg. The grant is approx EUR 10 million.
- 2007-2009** Project manager of the feasibility study in the Technology Centre Mongstad project for comparison of different CO₂ capture technologies as retrofit to a coal-fired power plant.
- 2007-2008** Cofiring of waste fractions in coal-fired suspension boilers. This is a technical and economical feasibility analysis. Responsible for the part: " Indirect cofiring by use of pre-coupled gasifiers (CFB or slagging gasifiers)".
- 2007** Developing DONG Energy's part of the project: SLUXUGAS (Slagging Oxygen Enriched Air Gasification). The project is applied for at EU FP7. The project proposal is a EUR 4 million R&D project.
- 2006-2007** Developing the project proposal: REnescience. The concept is to separate the organic and inorganic fraction of household waste by enzymatic treatment. The project was funded in 2007 and is a EUR 8 million R&D project by PSO through Energinet.dk and co-funded by DONG, Haldor Topsøe, Novozymes and others.
- 2006-2007** Applying PSO funds for a project on verification of cofiring by full-scale measurements at the Studstrupværket power plant. The project was funded in 2007. The project is an EUR 1.1 million R&D project funded by PSO through Energinet.dk.
- 2004-2009** Project manager in Dong Energy in the project: Biofuel Characterization 2004 – Development of Methods. The project is a EUR 2 million R&D project funded by PSO through Energinet.dk and co-funded by DONG.
- 2004-2005** Expert in the Danida-funded project IRP2 (Integrated Resource Planning 2) in Malaysia for feasibility investigations of cofiring of palm oil residues in coal-fired power plants. Collaboration with the Ministry of Economic planning Unit.
- 2003-2007** **R&D Coordinator at DONG Energy for the entire portfolio** of biomass, waste, combustion and gasification projects (approximately 40 R&D projects).

- 2003-2008** Project manager in Elsam for the R&D project: High Temperature Slagging Gasifier for Waste. Concept Evaluation and Test of Slagging Bath. The project was funded by PSO.
- 2003-2009** Project manager at DONG Energy in the project: Modelling of bio-boilers – 2nd generation cofiring. The project is a EUR 3 million R&D project funded by PSO through Energinet.dk and DONG in Denmark and by DOE in the US.
- 2002-2007** Project manager at DONG A/S in the project: Biomass cofiring in suspension-fired power plants. The project is a EUR 1.5 million R&D project funded by PSO through Energinet.dk in Denmark and by DOE in the US.
- 2002-2006** Project manager at DONG in the EU funded project "Pre-normative work on sampling and testing of solid biofuels for the development of quality assurance systems (BIONORM)", (NNE5-20001-00158).
- 2001-2006** Project manager of the PSO funded project "Optimization of Deposit Removal in Biomass Fired Plants" The purpose of this project is to increase the efficiency and to prolong the life of the heating surfaces in biofuelled boilers
- 2001-2006** Head of the Danish delegation in CEN/TC/335, Working Group 2: Fuel specifications, classes and quality assurance.
- 1999-2001** Project manager of the project "Combustion of contaminated biofuels." The project is funded by Energinet.dk through PSO. The project aims at demonstrating the combustion of waste derived biofuels like demolition wood including pressure-impregnated wood.
- 1998-2000** Co-ordinator for the Danish reference group for standardisation of solid biofuels. The standardisation effort is part of EU funded projects in the FAIR and THERMIE programmes on pre-standardisation of solid biofuels in Europe.
- 1996-1999** Project manager of the project "Chernobyl Bioenergy Project. Power Production from Radioactive Contaminated Biomass and Forest Litter in Belarus". The project was together with Sandia National Laboratories, California, USA, Wheelabrator Environmental Systems, Inc., USA, the EPA in Belarus, and the Institute of Power Engineering Problems, Sosny, Minsk, Belarus.
- 1996** Experimental work on deposit formation, ash formation and NO_x generation at Sandia National Laboratories, California, USA. Duration: 5 months
- 1993-1997** Ph.D. project as industrial researcher. The project was titled: "Cofiring Biomass and Coal. Plant Comparisons and Experimental Investigation of Deposit Formation". Ph.D. Dissertation, September 1997.

Aalborg University 1990-1993

Assistant professor at Institute of Energy Technology

Lecturing courses on heat transfer and fundamental combustion.

External examiner in connection with several projects at the university.

Tutoring in various projects, ie:

- Analysis of energy systems
- Design of centrifugal pumps
- Heat exchanger layout
- Steam and gas turbine design
- Gas and steam cycles
- Wind turbines
- Computational fluid dynamic projects concerning combustion

Aalborg Boilers 1986-1990

R&D department.

Participation in the development of a pressurised CFB concept. The main parts covered were calculation of the heat balance of the plant, project planning, environmental aspects, combined cycle calculations and reliability of the plant.

3. Other professional activities

In addition I was external associated professor at Aalborg University in 1999 lecturing combustion.

I have been **external examiner** at several Danish engineering educations for M.Sc. and Ph.D. projects during the last 20 years.

4. Description experience in project assessment/evaluation and project monitoring (e.g. EUREKA, Eurostars Programme, FP6/FP7, national R&D programmes, ...)

Evaluator in EU in the LCE programme and evaluate for ERA-NET/BESTF2 and EUROSTAR in 2016.

Vice-chair the EU Horizon 2020 in MCSA evaluation in 2015.

Evaluator for EU Horizon 2020 in 6 evaluation panels in 2014.

Evaluator for ERA-NET/BESTF in 2014.

Evaluator in the Marie Programmes: ITN and IAPP 2012. Evaluator in the RFCS 2012.

Evaluator for EU IEE and other calls 2011.

Selected as an expert for evaluation of EUROSTAR proposals starting from January 2010 and frequently used as evaluator from there on,

Pre-reviewer for Energinet.dk for EU proposals they develop for funding from November 2009.

Serving as expert for the European Commission as regards evaluation of proposals for EU's 7th Framework Programme. I has been evaluating proposals in several FP7 calls including the combined EU – Brazil call on 2nd generation technologies.

Supporting the Swedish Energy Agency (STEM) in the evaluation of project consortium and project potential for the CHRISGAS project (2006).

Serving as expert for the European Commission for review of project progress for Integrated Projects in EU's 6th Framework Programme.

Serving as expert for the European Commission for evaluation of proposals for EU's 6th Framework Programme. I has been evaluating proposals in the panels:

- Sustainable Energy Systems – Medium to long term (DG RESEARCH)
- Sustainable Energy Systems – Medium to long term (DG RESEARCH) "Extended Panel"
- Directorate General for Energy and Transport (DG TREN) - Short to medium-term actions.

In additionally I have been reviewing project progress for Integrated Projects (IP's) for DG RESEARCH.

Serving as expert for the European Commission for evaluation of proposals for EU's 5th Framework Programme. I have been evaluating proposals in the panels: Integration of New and Renewable Energy Systems, Proposals under the SME Specific Measures, Energy key actions 5 and 6 of Thermie IV, Long and Medium Term Research. Biomass and Bioenergy plus biofuels for transport

From 2001, I was granted the faculty position of Adjunct Assistant Research Professor in Chemical Engineering at Brigham Young University, Provo, Utah, USA.

From 2000-2005, member of the ForskEL network at Energinet.dk, Denmark. The network includes evaluation of projects proposed for PSO (Public Service Obligations) funding through Energinet.dk and recommending the future R&D strategies in different subject areas.

5. Publication List

Helle Junker and Jørn Windahl Ladekjær: Fra gylle og organisk affald til CO₂ neutralt transport (From manure and organic waste to CO₂ neutral transport). Published in Kraftvarme Nyt, December 2012.

Helle Junker: Tiden er inde til at give den gas (The time has come to use gas in the transport sector). Published in Kraftvarme Nyt, October 2012.

Helle Junker et al.: Final report on the project: "Biomass Characterisation – Development of methods", October 2008. The project was funded by Energinet.dk through PSO.

Helle Junker et al.: "TCM feasibility Report. CO₂ capture. Coal reference case and benchmarking". Comparison of post capture technologies as retrofit to Esbjerg Power Plant. 2008. The report is confidential.

Søren Lovmand Hvid, Helle Junker, Ejvind Larsen and others: "Biomass co-firing in suspension-fired power plants. PSO 4105 Final Report", 2008. The project was funded by Energinet.dk through PSO.

Yuanjing Zheng, Peter Arndt Jensen, Ander Degn Jensen, Bo Sander, Helle Junker: "Ash Transformation during co-firing coal and straw". Published in FUEL 86 (2007) 1008-1020.

Yuanjing Zheng Peter Arendt Jensen, Anker Degn Jensen, Bo Sander, and Helle Junker: "Transformation of K, Cl and S during cofiring of coal and straw". Presented at the conference: Impacts of Fuel Quality on Power Production, Snowbird, Utah, USA, from 29 October to 3 November 2006

Helle Junker, Søren L. Hvid, Ejvind Larsen and others: "CFD simulation of coal and biomass cofiring". Presented at 14th European Biomass Conference & Exhibition. Biomass for Energy, Industry and Climate Protection, Paris, 17-21 October 2005

S. Lokare, D. Dunaway, D. Rogers, D. Tree, L. Baxter, H. Junker: "Ash deposition rates for a suite of biomass fuels and fuel blends". Presented at the 2004 ACERC Annual Conference, Provo, Utah, 12-13 February 2004

Junker, H., Nielson, L. and Nielsen, C.: "Designing a Future for Biomass Cofiring". Presented at the International Nordic Bioenergy Conference and Exhibition, 2003. The conference will be held in Jyväskylä, Finland, 2-5 September 2003.

D. Dunaway, S. Lokare, D. Rogers, D. Tree, L. Baxter, H. Junker: "Ash deposition rates for a suite of biomass fuels and fuel blends". Paper at the 2003 ACERC Annual Conference, University of Utah, Salt Lake City, Utah, 20-21 February 2003

Junker, H., Overgaard, P. and Kirkegaard, N.: "Concepts for large-scale cofiring of biomass and Danish experiences from commercial cofiring". Paper presented at the First International Ukrainian Conference on Biomass for Energy, Kiev, Ukraine, 23-26 September 2002

H. Junker, B. Sander, S. Stitt, D. Tree, S. Lokare, L. Baxter, D. Dunaway, D. Moulton, D. Rogers.: "Agricultural Residues for Power Production". Paper presented at the 12th European Conference and Technology Exhibition on Biomass for Energy, Industry and Climate Protection. Amsterdam, 17-21 June 2002.

Peter Overgaard, Niels Kirkegaard and Helle Junker: "Experience from Large Scale Commercial Cofiring of Biomass". Paper presented at the 12th European Conference and Technology Exhibition on Biomass for Energy, Industry and Climate Protection. Amsterdam, 17-21 June 2002

David Dunaway, Shrinivas Lokare, Doug Rogers, David Moulton, Helle Junker, Dale Tree, and Larry Baxter: "Quantitatively Measured Ash Deposition Rates for a Suite of Biomass Fuels". Presented at 2002 Spring Meeting of Western States Section of The Combustion Institute. Held at University of California at San Diego La Jolla, California, 25-26 March 2002

Shrinivas Lokare, Dave Moulton, Helle Junker, Dale Tree, and Larry Baxter: "Effects of Fuel Ash Composition on Corrosion". Presented at 2002 Spring Meeting of Western States Section of The Combustion Institute. Held at University of California at San Diego La Jolla, California, 25-26 March 2002

Allen L. Robinson, Helle Junker, Larry L. Baxter: "Pilot-scale investigation of the influence of coal-biomass cofiring on ash deposition". *Energy & Fuels*, 2002, 16, pp 343-355

Alexandre J. Grebenkov, Larry L. Baxter, Christian L. Fogh, Helle Junker, Niels Kirkegaard, Igor G. Pleshchenkov, Jørn Roed, and Vitali N. Solovjev: "Test burn at industrial boiler operated with biomass from radioactively contaminated forest". Paper presented at the United Engineering Foundation Conference in Snowbird, Utah, 28 October to 2 November 2001

Jørn Roed, Kasper G. Andersson, Christian L. Fogh, Svend K. Olsen, Henrik Prip, Helle Junker, Niels Kirkegaard, Jens-Martin Jensen, Alexandre J. Grebenkov, Vitalij N. Solovjev, Gregory G. Kolchanov, Leonid A. Bida, Peter M. Klepatzky, Igor G. Pleshchenkov, Arnold A. Gvozdev and Larry Baxter: "Power Production from Radioactively Contaminated Biomass and Forest Litter in Belarus – Phase 1b", Risø National Laboratory, Roskilde, Denmark, March 2000, Risø-R-1146(EN)

Helle Junker, Erik Ravn Schmidt, Bo Sander, Hanne Sterndorf, Susanne Westborg, Finn Bertelsen, Pieter Kofman: "Country Report. Standardisation of Solid Biofuels in Denmark". The report was part of the reporting of the pre-normative work on standardisation of solid biofuels in Europe, August 1999

Allen Robinson, Larry Baxter, Helle Junker, Chris Shaddix, Mark Freeman, Robert James, and David Dayton.: "Fireside Issues Associated with Coal-Biomass Cofiring". Presented at "BioEnergy '98", 4-8 October 1998, Madison, Wisconsin.

Helle Junker, Jens-Martin Jensen, Henrik Boye Jørgensen, Jørn Roed, Kasper Andersson, Pieter D. Kofman, Ebbe Bøllehuus, Larry Baxter, Alexandre Grebenkov: "Chernobyl Bioenergy Project. Power

Production from Radioactively Contaminated Biomass and Forest Litter in Belarus". Final Report, Phase 1", September, 1998.

Allen L. Robinson, Helle Junker, Steven G. Buckley, Gian Sclipa, and Larry L. Baxter: "Interactions between coal and biomass when cofiring". Presented at the 27th International Symposium on Combustion", Colorado, 2-7 August 1998

Helle Junker, Folmer Fogh, Larry Baxter, and Allen Robinson: "Cofiring Biomass and Coal. Experimental Investigations of Deposit Formation". Paper for the 10th European Conference and Technology Exhibition, Würzburg, Germany, 8-11 June 1998

Helle Junker: "Cofiring Biomass and Coal. Plant Comparisons and Experimental Investigation of Deposit Formation". Ph.D. Dissertation, September 1997. Volume I: Report and Volume II: Publications.

Allen Robinson, Larry Baxter, Helle Junker, Karl Erik Widell, Dave Dayton, Deidre Belle-Oudry, Mark Freeman, Gary Walbert and Phil Goldberg: "Fireside Considerations when Cofiring Biomass with Coal in PC Boilers". Presented at the Engineering Foundation Conference in Kona, Hawaii, 2-7 November 1997

A. Robinson, L.L. Baxter and H. Junker: "Ash Deposition and Pollutant Formation when Cofiring Biomass with Coal in FC Boilers". Presented at the EPRI conference: "Effects of Coal Quality on Power Plants. Kansas City, Missouri, 20-22 May 1997

Allen Robinson, Helle Junker and Larry Baxter: "Pollutant Formation, Ash Deposition, and Fly Ash Properties When Cofiring Biomass and Coal". Presented at the Engineering Foundation Conference on "Economic and Environmental Aspects of Coal Utilization", Santa Barbara CA, 18-21 February 1997

Baxter, L.L., A. L. Robinson, H. Junker: "Ash Deposition and Corrosion during Biomass Combustion. Cofiring of Biomass and Coal in Pulverized Coal-Fired Boilers". Quarterly Progress Report at Sandia National Laboratories, April-June 1997

Baxter, L.L., Junker, H. and Robinson, A.: "Ash Deposition and Corrosion during Biomass Combustion. Evaluation of alternative Fuels". Quarterly Progress Report at Sandia National Laboratories, July-September 1996

Junker, H. and Widell, K.E.: "Decision Theory and Biofuels. Application of Decision Theory for Plant Comparisons and Assessment of Technical Risks. "Biomass for Energy and the Environment". Proceedings of the 9th European Bioenergy Conference, Copenhagen, 1996.