

## Curriculum Vitae (CV)

1. Family name: Juul-Kristensen
2. First names: Bjarne
3. Date of birth: 12<sup>th</sup> October 1954
4. Nationality: Danish
5. Civil status: Married

## Employment Record *(starting with present position)*

Dates of employment	Name of employing organizations	Positions held
01.06.2017 - ongoing	Danish Energy Agency, Ministry of Energy, Supply and Climate, Division for Global Cooperation	Special Advisor, M.Sc. Engineering, Energy Planning Country Team Leader, Turkey
1.10.2016 – 31.05.2017	Ministry of Energy, Supply and Climate – Secretariat to the Minister	Special Advisor
1.09.2008 – 30.09.2016	Danish Energy Agency, Ministry of Energy, Supply and Climate	M.Sc. Engineering, Energy Planning
1.09.1996 – 31.08.2008 1.12.1991 - 31.08.1996	Ramboll Ramboll	Chief Consultant Senior Consultant Energy Planning Expert
1.02.1991 – 30.11.1991	Danish Energy Agency, Ministry of Energy	M.Sc. Engineering, Head of Section, Energy Planning Department
1.02.1988 – 31.01.1991	Technical University of Denmark, Copenhagen	Ass. Professor, Energy Planning
1.01.1981 – 31.01.1988	Danish Energy Agency, Ministry of Energy	M.Sc. Engineering; Head of Section, Heat Supply Department

## Education *(indicate college/ university and other specialized education)*

1. Names of institutions	2. Degree obtained	3. Dates of obtainment
Technical University of Denmark	M.Sc. Engineering. Specialisation: Planning (city- and traffic planning, energy planning)	1.07.1980
Copenhagen University	Lessons in sociology	1.07.1979

## Languages *(indicate proficiency: good, fair, or poor in speaking, reading, writing)*

Language	Speaking	Reading	Writing
Danish	Mother tongue	Mother tongue	Mother tongue
English	Good	Good	Good
German	Fair	Fair	Fair

**Key qualifications:**

Mr. Bjarne Juul-Kristensen has obtained core competences and long term experience in energy planning, heat supply/district heating planning, regulation of the heating sector, renewable energy development and promotion of energy efficiency/energy savings. His experiences include a.o. project identification, energetic and economic analyses, including scenario development, feasibility studies, development and administration of national energy regulation, international co-operation and national and international project management.

**Professional experience** (*indicate the following information for those assignment that the best illustrate staff capability to handle the tasks of this assignment. Add number of assignments as applicable*)

*Danish Energy Agency:*

Name of Assignments	1. Efficient and Low Carbon Heating Cooling, Strategic Sector Cooperation Turkey-Denmark 2. Road Map for Offshore Wind in Turkey
Year	2017 – ongoing
Location	Turkey
Client	Danish Ministry of Foreign Affairs
Position held	<ul style="list-style-type: none"> <li>• Country Team Leader for the two above mentioned components in the country programme</li> <li>• Project Leader for the heating-cooling component</li> </ul>
Activities performed	<ul style="list-style-type: none"> <li>• Implementation of the country programme</li> <li>• Specific assignments in the two components regarding heat supply planning, implementation of district heating-cooling projects and renewable energy planning.</li> </ul>

*Ministry of Energy, Supply and Climate:*

Name of Assignment	Analysis of the tax structure and other incentives for use of surplus heat in the district heating sector
Year	2014 – March 2017
Location	Copenhagen
Client	Ministry of Energy, Supply and Climate:
Position held	Task Manager
Activities performed	As follow up on the Energy Agreement from 2012, a number of analyses of the tax – and subsidy structure in the energy sector were launched. This analysis is a part of the entire analytical work and is implemented in co-operation with the Ministry of Tax and the Ministry of Finance.

*Danish Energy Agency:*

Name of assignment	Implementation of the Concerted Action Program for the Energy Efficiency Directive
Year	2013-2014
Location	EU
Client	European Commission
Position held	Core Theme Leader regarding implementation of Article 14 and 15 in EED (efficiency in energy supply, high-efficiency cogeneration and district heating and cooling)
Activities performed	Preparation and implementation of bi-annual seminars for EU Member States

Name of assignment	Development of the Energy Efficiency Directive regarding “promotion of efficiency in heating and cooling”
Year	2011 – 2012
Location	Copenhagen and Bruxelles
Client	Ministry of Climate, Buildings and Energy
Main project features	Assisting the Polish Presidency in 2011 and the Danish Presidency in 2012 during the negotiation process of the EED.
Position held	Advisor
Activities performed	Development of Article 14, annex VIII and IX, during the negotiation process.

Name of assignment	Participation in-dephts-review of Swedish energy policy
Year	2012
Location	Stockholm
Client	International Energy Agency
Main project features	Review activities
Position held	Team member, responsible for the renewable energy policy field
Activities performed	Preparatory work and participation in the review team for the in-dephts-review of Swedish energy policy in 2012, performing policy recommendation to the Swedish government

Name of assignment	Chairman of the Nordic Working Group for Renewable Energy under the Nordic Council of Ministers
Year	2010 – 2015
Location	Copenhagen
Client	Nordic Council of Ministers
Main project features	Policy analyses, policy recommendation to Nordic Energy Ministers
Position held	Chairman and national renewable energy expert
Activities performed	The Working Group for Renewable Energy (Arbejdsgruppen for Fornybar Energi) is performing policy analyses and preparing policy recommendations to the Nordic Council of Energy Ministers regarding renewable energy sector development within the Nordic countries.

Name of assignment	Preparation of the Danish National Renewable Energy Action Plan to EU
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Year	2009-2010
Location	Copenhagen
Client	Danish Government
Main project features	Energy projections until 2020, national energy analyses for target compliance, descriptions and assessment of national policy measures in the RES sector
Position held	Project manager
Activities performed	Preparation of the Danish National Renewable Energy Action Plan according to the EU RES Directive. The Action Plan was submitted by the Danish Government to the EU-Commission in June 2010.

Name of assignment	Development of new concept for energy planning at regional and municipal level
Year	2011 – 2016
Location	Copenhagen
Client	Danish Energy Agency
Main project features	Concept development, guidance preparation, implementation of a pilot program in energy planning at municipal and regional level
Position held	Program manager
Activities performed	A new concept for local and regional energy planning has being developed in cooperation with Local Government Denmark. The assignment included preparation of guidance documents and the management of a pilot program on 25 MDKR for 14 energy planning projects (8 municipal and 6 regional projects). The program was implemented in 2014 and 2015.

Name of assignment	Administration and development of Danish heat supply legislation and regulation
Year	2008-2016
Location	Copenhagen
Client	Danish Energy Agency
Position held	Advisor
Activities performed	Participation in the Heating Group in Danish Energy Agency. Areas of responsibilities included regulation of combined heat and power (CHP), district heating (DH) and district cooling (DC). Special assignments have included utilization of surplus heat from industry, EU-regulation regarding renewables and energy efficiency in heat supply and development of national regulation of the district heating sector.

*Ramboll:*

Name of assignment	Technical Assistance for the Pipeline of Projects Preparation in the district heating sector
Year	2008
Location	Romania
Client	EU Phare
Main project features	Heat projections, heat production planning, cost benefit analyses
Position held	International technical expert
Activities performed	Development of a district heating master plan for the city of Bacau, Romania

Name of assignment	Development of Project Design Document
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Year	2005-2006
Location	Armenia
Client	Danish Environmental Protection Agency, Ministry of Environment, Denmark
Main project features	Energy analyses, environmental - and economic analyses
Position held	Project manager (performed in Denmark)
Activities performed	Preparation of Project Design Document (as Clean Development Mechanism project under the Kyoto protocol) for biogas use for a chicken farm in Lusakert, Armenia

Name of assignment	Assessment of energy supply options for a new Danish owned shoe factory under construction in Xiamen, Fujian Province, China.
Year	2005
Location	China
Client	Client: ECCO SKO A/S, Bredebro, Denmark
Main project features	Technical and economic analyses of energy supply options for a shoe factory, energy sector review.
Position held	Analytical expert (analyses performed in Denmark)
Activities performed	Assessment of energy supply options for a new Danish owned shoe factory under construction in Xiamen, Fujian Province, China.

Name of assignment	Review Studies for National Strategy on Renewable Energy in Uzbekistan
Year	2005-2006
Location	Uzbekistan
Client	UNDP Uzbekista
Main project features	Institutional review of the RES sector, assessment of national framework conditions, cost benefit analyses, policy recommendations.
Position held	Team leader and analytical expert
Activities performed	The project includes institutional review and assessment of the RES sector in Uzbekistan, review of State of the Art regarding use of renewable energy technologies and use of financial mechanisms internationally, development of cost benefit analyses for selected RES technologies, policy recommendations.

Name of assignment	“Call-Down Facility” for the Renewable Energy and Energy Efficiency Sector of Namibia
Year	2003-2004
Location	Namibia
Client	DANIDA (Danish International Development Agency) and Ministry of Mines and Energy, Namibia
Main project features	Logical Framework Analyses, activity and time planning, budgeting, training courses.
Position held	Project manager
Activities performed	Project management assistance in implementing of a capacity building project regarding renewable energy and energy efficiency (REEE) development in the Namibian REEE-sector.

Name of assignment	Implementation in Estonia of EU Directives regarding energy performance of buildings
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Year	2003-2004
Location	Estonia (part time), Denmark
Client	The Danish Energy Agency and the Ministry of Economic Affairs and Communication, Estonia
Main project features	Impact assessment of the implementation of the Directive, preparation of an institutional set-up for implementation of the Directive
Position held	Project manager
Activities performed	Assistance to the Government of Estonia in the implementation of the EU Directive regarding energy performance of buildings.

Name of assignment	Implementation in Latvia of EU Directives regarding energy performance of buildings
Year	2002-2003
Location	Latvia (part time), Denmark
Client	The Danish Energy Agency and the Ministry of Energy, Latvia
Main project features	Impact assessment of the implementation of the Directive, preparation of an institutional set-up for implementation of the Directive
Position held	Project manager
Activities performed	Assistance to the Government of Latvia in the implementation of the EU Directive regarding energy performance of buildings.

Name of assignment	Planning and development of Maabjerg BioEnergy Plant
Year	2003-2006
Location	Holstebro, Denmark
Client	The company Maabjerg BioEnergy Ltd, owned by the farmers' association for the County of Ringkoebing, the regional electricity – and district heating utility and other parties in the region
Main project features	Concept development, comprehensive feasibility analyses of a broad range of alternatives, preparation of business plan, contribution to change of Danish tax legislation and notification to the Commission
Position held	Project manager
Activities performed	Implementation of the concept phases and the planning phase. The project has successfully negotiated and achieved EU-subsidies under the EU Concerto program.

Name of assignment	Swaziland National Energy Policy” (SNEPP)
Year	1999-2002
Location	Swaziland, Southern Africa
Client	Danish Co-operation on Environment and Development – DANCED and Government of Swaziland.
Main project features	Preparation of Green Paper and White Paper of national energy policy, comprehensive stakeholder consultations, establishment of a national wind measurement program, assessment of RES potentials, training activities for energy officers in the Ministry for National Resources and Energy
Position held	Chief Technical Adviser
Activities performed	The following outputs were produced: <ol style="list-style-type: none"> <li>1. Cabinet approved National Energy Policy</li> <li>2. Solar, wind and hydropower measurements and assessments</li> <li>3. Assessment and strengthening of the Energy Section</li> <li>4. Awareness increased on energy issues for stakeholders and energy</li> </ol>

Name of assignment	Analyses of pricing incentives as an instrument to promote renewable energy
Year	1998
Location	Thailand
Client	Danish Co-operation on Environment and Development – DANCED and Government of Swaziland.
Main project features	Case studies (cost benefit analyses), international energy policy review.
Position held	Analytical expert
Activities performed	Investigation of pricing incentives as an instrument to promote renewable energy. The project includes a study of international successful renewable energy policies, an assessment of conditions for use of renewable energy in Thailand, economic and environmental assessment of possible renewable energy policies and recommendations to a renewable energy promotion program, including recommendations for pricing instruments and changes of institutional structures.

Name of assignment	Analyses of support levels and support structure for renewable energy
Year	1997
Location	Copenhagen
Client	The National Council for Energy-Environment
Position held	Project manager
Activities performed	Description of the current supply structure. Socio-economic and financial cost benefit analyses were elaborated for a range of RES-technologies in order to define appropriate support levels and make recommendations for possible changes.

Name of assignment	Legal support to the Kyrghyz energy sector
Year	1996
Location	Kyrghyzstan
Client	EU TACIS
Main project features	Energy sector review, energy saving policy options, draft of energy saving law
Position held	Team member
Activities performed	Providing consultancy on energy saving legislation for the Kyrghyz energy sector.
Name of assignment	Preparation of a Danish National Renewable Energy Action Plan
Year	1993-1994
Location	Copenhagen
Client	The National Council for Renewable Energy
Position held	Project manager
Activities performed	Development of a three year national renewable energy action plan, including action plans for development of biomass, wind and solar energy. Cost benefit analyses were elaborated for a range of RES-technologies.

Name of assignment	Heat plans for seven municipalities in the Katowice region,
Year	1993-1995
Location	Poland
Client	The Danish Project Fund for East and Central Europe
Main project features	Heat demand and supply mapping, projections, technology options, socio economic analyses, action plan preparation

Position held	Project manager
Activities performed	Elaboration of master heat plans for seven municipalities in the Katowice region, Poland

*Technical University of Denmark*

Name of assignment	Long term energy – and environmental scenario analyses of the Danish - and the Nordic - energy system
Year	1988-1990
Location	Copenhagen
Clients	The Nordic Council of Minister, EU, Danish Energy Agency
Position held	Team member and project coordinator
Activities performed	In cooperation with universities in Denmark, Finland, Norway and Sweden, long term scenarios for the development of the energy systems in the Nordic countries were developed in order to meet further specified environmental targets. For Denmark, a least cost scenario were developed as an additional assignment.

*Danish Energy Agency:*

Name of assignment	National heat planning in Denmark
Year	1981-1987
Location	Denmark
Client	Danish Energy Agency
Main project features	Negotiating and approving regional and municipal heat supply plans and heat supply projects according to the Danish Heat Supply Act
Position held	Head of Section
Activities performed	Advising counties and municipalities in heat supply planning in the previous counties of Storstrøm, Bornholm, Fyn and Northern Jutland. Negotiations of national conditions for regional and municipal heat planning. Approval of heat supply projects for individual installations according to the Danish Heat Supply Act. Identification and implementation of pilot studies in selected municipalities /regions as input to preparation of guidelines in municipal and regional heat supply planning.