

Name : MIRJAM HARMELINK MSc
Telephone : +31- 6 423 42 483
E-mail : mirjam@harmelinkconsulting.nl
Websites : www.harmelinkconsulting.com
www.sqconsult.com
Address : Troosterlaan 36
3571 NN Utrecht
The Netherlands
Date of Birth: 22 December 1965
Nationality : Dutch



KEY QUALIFICATIONS

- 20+ years of professional experience in the fields of energy efficiency, renewable energy, energy market regulation and climate policies including consultancy, research, technical assistance, data gathering and analysis, energy demand and supply forecasting and impact assessment of government actions;
- More than 15 year of experience as a team leader in managing large and complex projects financed, by among others, the EU.
- Very familiar with the EU energy and climate acquis/legislative package, and extensive experience in drafting technical reports and policy papers, including drafting of energy policy regulation.
- Vast experience in technical assistance and capacity building projects in an international context, including accession countries;
- Extensive knowledge of, and vast experience with quantitative and qualitative methods to monitor and assess the impact (effectiveness and efficiency) of government policies in the field of energy efficiency (buildings, industry, energy sector and transport), renewable energy (electricity, heating, cooling) ex-ante as well as ex-post;
- Acknowledged international experts in the field of monitoring and evaluation of government policies resulting in invitations to chair sessions at conferences, to lecture for international Master Student, to present at international expert meetings and participate as a key expert in various EU projects.
- Extensive experience in energy scenario modelling, including inventory and assessment of technical and market potentials for energy conservation and renewable energy potential in various sectors to support Kyoto Protocol implementation and GHG mitigation plans in countries in CEE and developing countries)
- Extensive experience in organization of on-the-job trainings, master classes, seminars and workshops, and proven pedagogic skills in lecturing for different audiences;
- Excellent English reporting, communication and presentation skills. Very good sense of feeling for inter-cultural and intra-cultural communication.

EMPLOYMENT RECORD

- 2008 - **Managing consultant/director at Harmelink consulting, Utrecht, the Netherlands**
Harmelink consulting was founded in 2008 by Mirjam Harmelink and offers:
- **Project management.** Harmelink consulting provides the project manager for large complex projects. Among others she controls planning and budget, contributes to the project contents, and ensures delivery of high quality products.
 - **Consultancy.** Harmelink consulting advises government bodies, NGO's and businesses on energy and climate policies from a wide international perspective.
 - **Research.** Harmelink consulting is specialised in research into the effectiveness and efficiency of (government) policies. Her strong points are translating the research questions into a structured analytical framework, and clear and transparent reporting of the results.
- 2009 **Associate Partner at SQ Consult (www.sqconsult.com)**
SQ Consult BV is an international independent consultancy including a network of experienced professionals in energy and sustainability. SQ Consult provides expertise in the form of: strategic and regulatory advice, techno-economical analysis, policy evaluation, capacity- building and project management.
- 2009-2013 **Project manager at Utrecht University - Faculty of Geosciences**
Project management for the PROSUITE-project (www.prosuite.org), which is funded by the European Commission under the Seventh Framework Programme (FP7). PROSUITE is a 4-year project aimed at developing methods and tools to assess the economic, environmental and social impact of technologies in a standardized, comprehensive way. Within the project 24 partners from academia, research institutes and industry around Europe work together.
- 2005 - 2008 **Manager Energy and Climate Strategies at Ecofys, Utrecht, the Netherlands**
Managing 25 consultants in the field of energy and climate policies and responsible for turnover and productivity, quality management, acquisition, business development, and human resource management.
- 2000 - 2005 **Senior Consultant at Ecofys, Utrecht, the Netherlands**
Senior consultant and project manager in the field of Energy and Climate Policy and responsible for acquisition, business development and project management.
- 1999 - 2000 **Programme Manager at the Netherlands Agency for Energy and the Environment (Novem), Utrecht, the Netherlands**
Managing government support programmes in the field of non-CO₂ greenhouse gases and NO_x policies.
- 1998 - 1999 **Coordinator at the National Institute for Public Health and the Environment (RIVM), Bilthoven, the Netherlands**
Coordinating a team of 5 researchers and responsible for coordinating the activities on research in the field of model development and impact assessment of national renewable energy, energy efficiency and climate policies.
- 1993 - 1998 **Researcher at the National Institute for Public Health and the Environment (RIVM), Bilthoven, the Netherlands**

Researcher in the field of national energy and climate policies.

COUNTRY EXPERIENCE

Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, United Kingdom, Switzerland, Kazakhstan, Turkey, Norway, South Africa, Latin America

MEMBERSHIPS

- [International Energy Program Evaluation Conference](#) (IEPEC) (Board Member of the organising and scientific committee for the biannual European conferences: 2010 Paris, 2012 Rome, 2014 Berlin)
- [European Council for an Energy Efficient Economy](#) (ECEEE) (Member and Panel leader at the ECEEE Summer Study 2013)
- [Dutch Network of Environmental Professionals](#) (VVM) (Board Member of the section on energy from 2008-2011)
- [Dutch Reflection group on energy policy](#) (Bezinningsgroep Energie)

LANGUAGE SKILLS

Mother tongue	Dutch	
Other languages	English	German
• Reading skills	Excellent	Good
• Writing skills	Excellent	Basic
• Verbal skills	Excellent	Good

SELECTION OF ASSIGNMENTS

- 2015 Developing and producing the first sustainability report of the city of Utrecht.
Client: Municipality of Utrecht
- 2015 Ex-post evaluation the effectiveness and efficiency of the Energy ad Climate Program of the municipality of Utrecht (Utrechtse Energie!). Client: Municipality of Utrecht
- 2014 Lessons for the pilots Energy Performance Assessment (EPK). Brief review of four policy instruments.
- 2014 CO2 performanceladder: assessing ways to increase the impact and ambitions of organisations
- 2014 Advising on the development of a Climate Change Strategy and Action Plan in Serbia
Assignment by: Serbian Ministry of Agriculture and Environmental Protection/EU Delegation to Serbia
- 2014 Mapping Dutch University Research into the transition of Electricity systems
- 2014 Developing and producing the annual reporting on renewable energy.
Client: NL Agency
- 2014 Assessing the interactions between electricity market reforms and climate policies. Client:

European Commission: DG Climate

- 2013 Due Diligence Eneco: An investigation into Eneco's performance in the field of Corporate Sustainability. Client: WWF
- 2013 NOx and SO2 emissions: assessing the significance of indirect and direct NOx and SO2 emissions for an energy network company in the Netherlands. Client: Alliander (energy transport and distribution company)
- 2013 Mid-term evaluation of the effectiveness and efficiency of the Energy and Climate Program of the municipality of Utrecht (Utrechtse Energie!). Client: Municipality of Utrecht
- 2013 Evaluating the effectiveness and efficiency of the Climate Program of the municipality of Zaanstad (project partner BECO/Ernst & Young). Client: Municipality of Zaanstad
- 2013 Uniform ruler for the industry: organisation of 2 master classes and update of the report. Client: NL Agency
- 2013 Economic Instruments for Transport and the Built Environment: exploring the feasibility to extend the EU ETS with transport and the building sector (project partners CE, SQ Consult, Cambridge Econometrics) Client: European Commission DG Climate.
- 2012 Sustainable Assessment Management. Analysing the carbon and resource footprint for an energy distribution company. Client: Alliander (energy transport and distribution company)
- 2012 Sustainable energy systems on a local level. Client: TNO
- 2012 Design of a Potential Netherlands Supplier Obligation for Renewable Energy (project partner NERA). Assignment by: Dutch Ministry of Economy, Agriculture and Innovation.
- 2012 Developing a uniform ruler to assess impact of energy efficiency, renewable energy and CO₂ emission reduction measures on utilities used by industrial companies. Client: Agentschap NL
- 2011 Populating IIP's Industrial Energy Efficiency Database with information for 6 additional countries: South Africa, Germany, Australia, Canada, Russia and Thailand (project partner ICF). Client: Institute of Industrial Productivity (IIP).
- 2011 Analysing the impact of the proposed Energy Efficiency Directive on business activities of a utility company (project partners SITMO/SQ Consult). Client: large Dutch Utility.
- 2011 Ex-post impact assessment of the Energy Research Program (EOS and DEN-A) in the Netherlands (project partner Ecofys). Client: Dutch Ministry of Economy, Agriculture and Innovation
- 2011 Ex-post quantification of the effects and costs of policies and measures (project partners: Oeko, EnTec, TNO). Client: DG Environment
- 2011 Impact assessment of the Ecodesign Directive (subcontracted by CSES). Client: DG Enterprise and Industry Directorate General.
- 2011 Developing a method for calculating the CO₂ emissions for electricity consumption in the Netherlands. Client: Agentschap NL
- 2011 Assessing various issues relating to the debate on 30 percent greenhouse gas emission reductions in Europe. Client: Greenpeace.
- 2011 Assessment of the National Implementation Measures (NIMS) (project partners: SQ Consult, DNV). Client: European Commission, DG Climate.
- 2010 Project management for work package on Legal framework and guidance within the CATO2 project (www.co2-cato.nl/). Client: Energy Research Centre of the Netherlands (ECN).

- 2010 Bottom-up monitoring of the Energy Service Directive for the Netherlands. Client: Agentschap NL
- 2010 Monitoring and evaluating the impact of local climate policies in the Netherlands (Project partners BECO and DHV). Client: Agentschap NL
- 2010 Advising on the design and effectiveness of industrial energy efficiency policies in key IEA and developing countries. Client: Institute of Industrial Productivity (IIP).
- 2010 Analysis of methods on how to evaluate the energy and CO₂ impact of CHP. Client: Dutch Energy Agency Agentschap NL.
- 2010 Assisting and advising the Kazakhstan government in developing Energy Efficiency and Renewable energy policies. Client: Dutch Energy Agency Agentschap NL
- 2010 Inventory of potentials and barriers for energy efficiency improvements in the Netherlands. Client: Dutch Energy Agency SenterNovem (team Energy Transition)
- 2009 Project management for an EC project funded by the Seventh Framework Programme (FP7) PROSUITE (www.prosuite.org). Client: Utrecht University.
- 2009 Recruiting Transport Specialist for the municipality of Amsterdam.
- 2009 Advising on the use of CHP in the horticulture sector. Client: Dutch Ministry of Environment.
- 2009 Supporting the Dutch Ministry of Environment in discussions on the transfer of CO₂-credits under the EU-ETS. Client: Dutch Ministry of Environment.
- 2008 Designing a decision framework for sustainable heat in the build environment. Client: Dutch Energy Agency Senter Novem/Agentschap NL.
- 2008 Recruiting an Analyst International Climate Policy for the Netherlands Environmental Assessment Agency.
- 2008 Developing a methodology for the ex-post impact assessment of European Climate Change policies. Client: European Commission DG Environment.
- 2007 Analysing the potentials and policy options to speed up energy efficiency improvement in the G8+5. Client: WWF
- 2007 Assessing potentials, barriers and policy options for employment of renewable heat in the Netherlands. Client: Dutch Ministry of Economic Affairs.
- 2006 Assessing market potential for wind and biomass across Europe. Client: large Dutch Utility company.
- 2006 Assessing opportunities to speed up energy efficiency improvements. Client: Dutch Ministry of Economic Affairs.
- 2005 Coordinating the EU project on ex-post evaluation of energy efficiency policies AID-EE (Active Implementation of Proposed Directive in the field of energy efficiency). Client: DG-Transport and Environment.
- 2005 Evaluating the impact of climate change policies within the province of Limburg and executing an outlook for future climate change policies. Client: province of Limburg, the Netherlands.
- 2005 Evaluating the effectiveness and efficiency of the policy instruments deployed within the framework of the Reduction Plan on non-CO₂ greenhouse and evaluation the effectiveness of the operational management of the programme over the period 2000-2004. Client: Dutch Ministry of Environment.

- 2005 Analysing the size of market barriers for energy efficiency in different sectors of the economy (countries analysed: Netherlands, Norway, Australia, Japan and USA). Client: International Energy Agency (IEA).
- 2004 Analysing the role of government policies on the cost-effectiveness of measures to reduce the emissions of non-CO₂ greenhouse gas emissions. Client: Dutch Energy Agency SenterNovem.
- 2004 Assessing the impact of physical CO₂ transfers (e.g. from refineries to the horticulture sector or exported CO₂) under the European Emissions Trading Scheme. Client: Dutch Ministry of Environment.
- 2004 Inventory of (policy) options to reduce electricity consumption as an alternative for building new power plants in the Netherlands. Client: Greenpeace.
- 2004 Analysing the development of different factors affecting the level of greenhouse gas, NO_x and SO₂ emission in Europe. Contribution the RIVM publication "Outstanding Environment Issues in Europe in 2004". Client: Dutch National Institute for Public Health and the Environment (RIVM).
- 2004 Reviewing extension of the RAINS model with greenhouse gases. Client: IIASA, Vienna.
- 2004 Analysing the opportunities for greenhouse gas reduction in Latin America. Client: Inter-American Development Bank, Washington.
- 2004 Establishing of worldwide marginal abatement curves for agriculture. Client: Dutch National Institute for Public Health and the Environment (RIVM).
- 2003 Assessment of renewable energy policies and potentials for renewable energy in the EU and the Accession countries within the framework of FORRES (FORcast of Renewable Energy Sources until 2020). Client: the European Commission (DG Tren).
- 2003 Evaluation of the effect and effectiveness of Dutch policies in the field the build environment in the period 1995-2002. Client: Dutch Ministry of Spatial Planning and the Environment.
- 2003 Evaluation of the effectiveness of the Energy Investment Deduction Scheme for several energy efficiency measures applied in the horticulture sector in the Netherlands. Client: Dutch energy Senter.
- 2003 Evaluation of the effect of CCPMs on the reduction of greenhouse gases in Italy. Client: ANPA (Italian National Environmental Protection Agency).
- 2003 Evaluation of the level playing field for the industry sector with the framework of the NEC policies. Client: Dutch energy agency Novem.
- 2003 Providing an overview of expected future developments in the efficiency of fossil fuelled power production. Client: Dutch National Institute for Public Health and the Environment (RIVM).
- 2003 Providing the Danish government with an overview of the ins-and-outs of setting up a JI/CDM programme. Client: Copenhagen economics.
- 2002 Assessment of potential emission reduction to reach a climate neutral energy sector in 2020. Client: WWF.
- 2002 Assessing the costs for exempting climate neutral energy carriers from the energy tax. Client: Ministry of Environment.

- 2002 Creating an Energy demand side technology map. Client: Joint Research Centre of the EC in Seville (IPTS-JRC)
- 2002 Organising a two-day workshop for the Members of the Executive Committee of the IEA Greenhouse Gas Programme on “CO₂ sequestration in the light of emission trading”. Client: Dutch Energy Agency Novem.
- 2001 Assessment of renewable energy policies in 15 EU Member States within the framework of the PRETIR (Progress of Renewable Energy: Target Setting, Implementation and Realisation) project. Client: the European Commission (DG Transport and Energy).
- 2001 Leading large EU project on emission reduction options for climate change within the framework of the MERLIN project (Multi-pollutant, Multi-effect Assessment of European Air Pollution Control Strategies: an Integrated Approach). Client: the EC DG Research.
- 2000 Assessment of the effectiveness of policies and measures to reduce Greenhouse Gas Emissions in 7 EU Member States (Germany, United Kingdom, France, Spain, Sweden, the Netherlands and Italy). Client: Dutch Ministry of Environment.
- 2000 Leading the working group on finance within the JOINT-project (Joint Implementation (Joint Implementation for International Emissions Reductions through Electricity Companies in the EU and CEE Countries). Including: (i) Research and advice on financial aspects of JI projects, and (ii) Organisation of an international workshop for finance specialists. Client: the EC, DG Research.
- 2000 Validation of JI project baselines Coopers (official JI certifier in the Netherlands). Client: various Dutch (energy) companies.
- 2000 Development of a methodology to mapped out the impact of climate change reduction option over the whole product cycle (Total Equivalent Warming Impact). Client: Dutch Energy Agency Novem.

EDUCATION AND ADDITIONAL COURSES AND TRAININGS

- 1991-1993 M. Sc. Technology Management, University of Technology, Eindhoven, The Netherlands. Graduation in the field of technology and policy, specialisation in energy technology.
- 1986-1991 B. Sc. Applied Physics, Institute of Technology, Enschede, The Netherlands

- 2008 Course on coaching skills (Kern consult)
- 2007 Course on negotiation skills
- 2006 Course on assessment interviews (ICM Opleidingen en Trainingen)
- 2004 Course on commercial skills (ICM Opleidingen en Trainingen)
- 2003 Course project management (Internal Ecofys course)
- 1997 Course project management (Leeuwendaal Advies)
- 1995 Course professional writing and reporting