

## CURRICULUM VITAE DIAN PHYLIPSEN

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Date of Birth : 11 February 1969  
Place of Birth : Breda, the Netherlands  
Nationality : Dutch

### FIELDS OF SPECIALISATION

- Benchmarking / industrial energy efficiency
- International energy & climate policy
- Emission trading & carbon markets
- International climate change negotiations / Effort sharing
- Climate finance, technology transfer
- CDM / JI / Domestic offset projects / baselines / additionality
- Policies & measures to reduce greenhouse gas emissions
- Development and implementation of smart targets

### EDUCATION

1981 - 1985 Ste Marie high school, Huijbergen, The Netherlands (graduated Summa Cum Laude)  
1985 – 1986 B.Sc. Preparatory class, Dr. Struycken Institute, Etten-Leur, the Netherlands  
1986 – 1990 B.Sc. in Chemistry, Hogeschool West-Brabant, Breda, the Netherlands, the Netherlands (graduated Cum Laude)  
1990– 1993 M.Sc. in Energy & Environment Utrecht University, Utrecht, the Netherlands  
1998-1999 Spanish, Community College, Berkeley, California  
2000 PhD, Utrecht University, Utrecht, entitled: *International Comparisons & National Commitments; analysing energy and technology differences in the climate debate*  
2002 Course Presentation skills  
2003 Course Job performance evaluations  
2006-2007 Italian, Babilonia Language School, Sicily and DILIT, Rome  
2007 Course Negotiation skills  
2008 Media training  
2004-2006-2009 Course Commercial skills  
2011 Social media training

### LANGUAGES

Dutch Mother tongue  
English Fluent  
German Good  
Italian Moderate

## WORK EXPERIENCE

### *Employment record*

- 1993 - 1998 Dept. of Science, Technology and Society, Utrecht University  
(Senior) researcher
- 1998 - 1999 Lawrence Berkeley National Laboratory, University of California at Berkeley,  
USA, Senior Research Associate
- 1999 - 2000 Dept. of Science, Technology and Society, Utrecht University  
Senior researcher
- 2000 - 2004 ECOFYS, Energy and Environment, Utrecht, the Netherlands.  
Manager, Climate Change unit.
- 2005 - 2006 ECOFYS UK Ltd, London, the UK, Manager Energy & Climate Strategy
- 2007 - 2009 ECOFYS International, International Business Developer Climate Change, and  
Ecofys Roma, Italy, interim team manager.
- 2009 - 2010 ECOFYS International, Utrecht, the Netherlands, Managing Consultant Climate Change.
- 2010 - 2016 SQ Consult B.V., Senior Associate Climate Change
- 2010 - present Phylipsen Climate Change Consulting, Owner and Principal Consultant
- 2016 - present SQ Consult B.V., Director Climate Change, Member of the Board

### *Consulting assignments*

- 1993 - 1994 Environmental lifecycle assessment of solar cell modules, commissioned by  
NOVEM
- 1994 Evaluation of guidelines for the sharing of international CO<sub>2</sub> budgets,  
commissioned by the National Research Programme Global Air Pollution and  
Climate Change
- 1995 - 1998 Development of methodologies for international comparisons of energy  
efficiency, including the publication of a 'Handbook on International  
Comparisons of Energy Efficiency in the Manufacturing Industry',  
commissioned by the Ministry of Environment (Energy Department)
- 1996 - 1998 Development and application of a methodology for the burden sharing of a  
joint EU greenhouse gas emission reduction target, including advising EU  
negotiators on this topic, commissioned by the Dutch Ministry of Environment  
and the Netherlands' Presidency of the EU (1997)
- 1996 - present Advising on the design and effectiveness of policies and measures to reduce  
greenhouse gas emissions in the EU, its Member States, Japan, the USA and  
China (several projects), commissioned by the Dutch Ministry of Environment,  
ANPA (Italian National Environmental Protection Agency), WWF (World  
Wildlife Fund), the China Council, IIP.
- 1996 – present Assessment of the contribution of EU common and co-ordinated policies and  
measures in post-2000 greenhouse gas emission reduction commitments,  
commissioned by the Dutch Ministry of Environment, RIVM and ANPA  
(Italian National Environmental Protection Agency)
- 1997 - present Benchmarking the energy efficiency of the Dutch energy-intensive industry,  
commissioned by the Dutch Ministry of Economic Affairs and RIVM
- 1998 – 1999 Assessment of energy use and greenhouse gas emissions in major developing  
countries, commissioned by the U.S. Environmental Protection Agency
- 1998 - 1999 Analysis of the energy efficiency and greenhouse gas reduction potentials in  
the U.S. industry, commissioned by the U.S. EPA
- 2000 – 2001 Support of policy dialogue about long term energy structure and policy,

- commissioned by National Research Programme Global Air Pollution and Climate Change
- 2000 – 2001 Development of approaches to incentivise environmentally friendly technologies for the Clean Development Mechanism, commissioned by WWF.
- 2000 – present Supporting large companies in the establishment of climate change objectives, commissioned by WWF.
- 2000 - present Validation of JI/CDM project baselines, commissioned by various project developers, in co-operation with PriceWaterhouseCoopers
- 2001 Assessment of the applicability of the Triptych Approach to burden sharing between Canada's provinces, in commission of the Canadian Climate Change Secretariat.
- 2001 – 2002 Development of a network of experts in Kyoto Mechanisms, stimulating discussion and information exchange, commissioned by the European Commission.
- 2001 – 2002 Development of a EU JI/CDM project preparation facility, including a guidebook and terms of reference for project developers, commissioned by the European Commission.
- 2001 – 2002 Assessment of possible developing country involvement in climate commitments in different burden sharing regimes, commissioned by the German Environment Ministry.
- 2002 Auditing corporate GHG emission monitoring and reporting system, commissioned by Lafarge.
- 2002 Feasibility assessment of a national allocation plan for the EU emission trading system, commissioned by the Dutch Ministry of Economic Affairs, in co-operation with KPMG.
- 2002 – 2004 Feasibility of introducing Voluntary Agreements on industrial energy efficiency in China, commissioned by UNIDO and the Energy Foundation.
- 2002 – 2008 Development of a Gold Standard carbon label for CDM and voluntary offset projects (various projects) commissioned by WWF and the Gold Standard.
- 2002 – 2003 Preparation of installation-level monitoring guidelines for the European emission trading system, commissioned by the European Commission.
- 2002 Capacity building on emission trading and JI/CDM, commissioned by several governments (Belgium, Luxembourg, Denmark, Spain), including training courses for companies in several countries.
- 2003 - present Expert review of new baseline and monitoring methodologies for CDM projects for the Methodology panel of the CDM Executive Board, in commission of the UNFCCC
- 2003 - present Supporting strategy development for emissions trading for various companies
- 2003 - 2004 Identification and evaluation of greenhouse gas mitigation options with development benefits (including CDM projects), commissioned by the Inter-American Development Bank.
- 2003 Assessment of a differentiation of future commitments for Annex I countries, commissioned by the Dutch Ministry of Environment
- 2003 - 2004 Assessment of energy efficiency in the context of future commitments and consequences for Japan, commissioned by CRIEPI, Japan.
- 2003 - 2004 Supporting the development of a tool for analysing future commitments, commissioned by RIVM
- 2003 Supporting EU negotiations on future commitments, commissioned by the European Commission.

- 2004 Supporting the development of the Polish allocation plan for the EU emissions trading system, commissioned by the Polish Ministry of Industry
- 2004 CDM capacity building through workshops and training courses, for various clients, including the EIB and the EBRD
- 2004 - 2007 Evaluation of all National Allocation Plans for the EU emissions trading system, commissioned by the UK Department of Trade and Industry (Phase I) and Econcern (Phase II).
- 2004-2005 Development of regional Centers of Excellence for CDM in various countries, commissioned by the UK Foreign & Commonwealth Office
- 2005 Supporting the development of the UK policy on using benchmarking in the 2<sup>nd</sup> Phase of the EU ETS, commissioned by the UK Department of Trade and Industry.
- 2005 Supporting the implementation of the Linking Directive in the UK – supply and demand of JJ/CDM credits in the EU ETS, commissioned by UK DTI/DEFRA.
- 2005 Supporting decision-making in the UK on Phase II of the EU ETS by assessing allocation methodology, contribution of sectors to Kyoto targets, supplementarity and the effects on competitiveness of Phase II intentions of all 25 Member States commissioned by UK DTI/DEFRA.
- 2005 Assessing opportunities for enhancing internal and external climate change mitigation and adaptation activities, commissioned by the Countryside Council of Wales
- 2005- 2007 Supporting the European Commission in the mid-term review of the EU ETS – competitiveness effects and future design, commissioned by the European Union.
- 2005 Market assessment for voluntary GHG credits, commissioned by a major international oil company.
- 2005- 2006 LETS Update Project: analysing areas for EU ETS expansion – and for areas for harmonisation in future phases; and sustainability appraisal of recommendations, commissioned by a partnership led by the UK Environment Agency, funded by EU LIFE Programme.
- 2006 Development of ‘ideal’ NAP for France for Phase II of the EU ETS, commissioned by a French NGO.
- 2006 Evaluation of the New Zealand Projects to Reduce Emissions (PRE) scheme, commissioned by the New Zealand Ministry for Environment.
- 2006 Assessment of the possibilities of a domestic offset programme in Spain, commissioned by the regional government of Catalunya.
- 2006 Development of benchmarking methodologies for the EU ETS, commissioned by the regional government of Catalunya.
- 2006 Impact assessment – inclusion of the aviation sector in the EU ETS, commissioned by the European Commission.
- 2006-2007 Supporting the European Commission in evaluation the progress of the IPCC in preparing its 4<sup>th</sup> Assessment Report, commissioned by the European Commission.
- 2006-2007 Implementation of the EU ETS in Romania, commissioned by the Dutch Agency for International Business and Cooperation (EVD).
- 2006-2007 Supporting the UK Government in the negotiations on the post-2012 commitments, commissioned by UK DEFRA
- 2007 Assessment of business development opportunities in the Carbon Credit

- market, commissioned by an international gas company.
- 2007 Supporting the development of the corporate ETS and CDM strategy, commissioned by an international appliance company.
- 2007 Development of standardized additionality criteria for the voluntary credit market, commissioned by the Climate Group.
- 2007-2008 Feasibility assessment of benchmarking as an allocation tool in Phase III of the EU ETS for the cement and refinery sectors, commissioned by the governments of the Netherlands, Germany and Italy.
- 2007-2008 Feasibility assessment of benchmarking as an allocation tool in Phase III of the EU ETS, commissioned by the European Commission.
- 2007-2008 Supporting the negotiations on a Climate Savers deal with the Italian paper industry, commissioned by WWF Italy.
- 2007-2008 Supporting the EU post-2012 burden sharing negotiations, commissioned by the Italian Ministry of Environment.
- 2008 Assessing the IFIEC method for benchmarking as an allocation approach in the EU ETS, commissioned by IFIEC, the International Federation of Industrial Energy Consumers
- 2008 Assessing (methodologies for) costs of 2020 GHG targets for Italy, commissioned by ENEA
- 2008 The possibilities for Carbon Capture and Storage in Carbon Markets, commissioned by the European Commission
- 2008 Supporting the Italian Government in the European negotiations of the 2020 climate change targets, commissioned by the Italian Minister of Environment
- 2008 Identifying costs, benefits and opportunities for Italy in the Energy and Climate Change Package, commissioned by WWF Italy
- 2008 Assessing developments in climate science (system, impacts, adaptation and mitigation) since the IPCC 4<sup>th</sup> Assessment Report, commissioned by the European Commission.
- 2008 Developing a database on emissions, projections and targets for ETS (+ non-ETS) sectors in EU30 for 2005-2020 to support carbon strategy development, commissioned by an international energy company
- 2008 Assessing possibilities and issues in linking ETS systems, commissioned by a carbon market intermediary
- 2009 Feasibility of a -30% GHG reduction target for Italy in 2020, commissioned by WWF Italy
- 2009 Policy assessment for the carbon market, energy efficiency, CHP and renewable energy in Italy, commissioned by an international energy company
- 2009 Evaluation of Recommendations for a possible Austrian Domestic Offset Programme, commissioned by Joanneum Research
- 2009 Assessing carbon market opportunities for energy conservation in buildings (ETS and domestic offset projects), commissioned by a Dutch Housing Association
- 2009 Assessment of the climate friendliness of the Economic Recovery Packages in various countries, commissioned by a group of international NGOs
- 2009 Competitiveness issues and allocation in the ETS post-2012, commissioned by the European Commission
- 2009 Development of abatement cost curves for ETS sectors for Phase III (including new sectors) as input to a carbon price model, commissioned by an international energy company

- 2009 Assessment of sector vulnerability to leakage in the EU ETS post-2012, commissioned by an international industrial branche organisation
- 2009 Monitoring, Reporting, Verification, Compliance and Enforcement in linking emissions trading systems, commissioned by ICAP
- 2009 Framework contract Capacity Building EU ETS, commissioned by the Dutch Ministry of Environment
- 2009 G8 Climate Score cards 2009, commissioned by WWF and Allianz
- 2009 Feasibility of an emission reduction scheme in the cement sector in Indonesia, commissioned by AFD.
- 2010 Implementation of an emission reduction scheme in the cement sector in Indonesia, commissioned by AFD.
- 2010 Review of energy efficiency metrics in for energy policy making in developing countries, commissioned by the World Bank.
- 2010 Update on the ETS Phase II (emissions, allowances, credits) and Phase II (new decisions and progress on implementation), commissioned by an international energy company.
- 2010 Development of proposal for UNDP-EU climate fund on monitoring of emissions and NAMAs in developing countries, commissioned by UNDP.
- 2010-2012 Assessment of industrial energy efficiency policies in IEA and major developing countries for an on-line database, commissioned by the Institute of Industrial productivity (IIP, the industrial knowledge center of the Climate Works Foundation – various projects).
- 2010 Supporting the development of industrial energy efficiency policy in Vietnam, commissioned by the World Bank.
- 2010-2011 Supporting target setting in a 2<sup>nd</sup> generation Climate Savers Agreement with a large international manufacturer, commissioned by WWF.
- 2011 Supporting the development of sectoral approaches in the cement sector in China, commissioned by the UK Foreign and Commonwealth Office.
- 2011 Assessing the impacts on the energy-intensive industry of switching from a 20% to a 30% emission reduction target in 2020 for the EU as whole, commissioned by an international NGO.
- 2011 Supporting a regional Multilateral Development Bank in developing a strategy to leverage Climate Finance for its regional member countries.
- 2011-2012 Supporting the evaluation of the NIMS (National Implementation Measures) of all EU Member States, outlining free allocation for Phase III of the EU ETS, commissioned by the European Commission (in cooperation with DNV).
- 2011-2012 Supporting the secretariat of the EU Compliance Forum of the EU ETS, commissioned by the European Commission.
- 2011-2012 Supporting the communication on the EU ETS design, commissioned by the European Commission (in cooperation with ICF).
- 2012 Providing guidance on the Accreditation & Verification Regulation for the EU ETS, commissioned by the European Commission.
- 2012 Providing support on monitoring & reporting and accreditation & verification in emissions trading to Chinese cap-and-trade pilot experts, commissions by the European Commission (in cooperation with Azure).
- 2012 Developing a methodological framework for comparing sustainable heat production & usage in industry, commissioned by AgentschapNL.
- 2012 Evaluating the NIMs (National Implementation Measures) of EFTA countries (Norway, Iceland Liechtenstein), outlining free allocation for EU ETS Phase

- III, commissioned by the European Free Trade Association (with DNV).
- 2012 Developing procedures and tools for assessing and processing applications from new entrants, capacity extension, closures and partial cessations in the EU ETS in Phase III, commissioned by the European Commission (in cooperation with UBA Austria).
- 2012 Assessing the impacts of the regional ETS pilots in China, commissioned by the European Commission (in cooperation with ICF and ZEW).
- 2012 Updating the Article 21 Questionnaire on implementation of the EU ETS, commissioned by the European Commission (together with AEA Technology).
- 2012 Developing the rules for the new entrants queue in EU ETS, commissioned by the European Commission (together with UBA Austria).
- 2012 Assessing the feasibility of inclusion of buildings and transport in the EU ETS, commissioned by the European Commission (together with CE Delft).
- 2012 Evaluation of research proposals in the 7<sup>th</sup> EU Framework Programme on research, development, demonstration and innovation for environment, commissioned by the European Commission.
- 2013 Developing a voluntary agreement programme on industrial energy efficiency in Vietnam, commissioned by the World Bank/GEF.
- 2013 Review of the Indonesian Market Readiness Plan under the World Banks Programme for Market Readiness, commissioned by the World Bank/PMR.
- 2013 Conducting Master's classes on comparing sustainable heat production & usage in industry, commissioned by AgentschapNL.
- 2013 Identifying lessons learned from the European Burden Sharing Agreements for developing countries in the post-2020 climate negotiations, commissioned by the MAPS programme (Mitigation Action Plans and Scenarios) from the University of Cape Town/SouthSouthNorth.
- 2013-2014 Evaluation of the application of cessation rules in the EU ETS by Member States, commissioned by the European Commission.
- 2013-2014 Evaluation of New Entrants applications for free allowances in the EU ETS, commissioned by the European Commission.
- 2014 Review of the Vietnamese Market Readiness Plan, commissioned by the World Bank Programme on Market Readiness.
- 2014 Supporting the development of the Vietnamese Climate Change Action Plan for RCEE-NIRAS, commissioned by the Asian Development Bank
- 2014-2016 Capacity building on emissions trading in China, commissioned by the European Commission.
- 2015 Supporting the 2015 EU ETS review, commissioned by the European Commission.
- 2015-2016 Supporting the implementation of a pilot voluntary agreement programme on industrial energy efficiency in Vietnam, commissioned by GEF.
- 2015 Training on international climate negotiations for Taiwanese government representatives, commissioned by the College of Europe.
- 2015-2016 Supporting the UNFCCC Technology Mechanism, commissioned by the European Commission.
- 2015-2016 Review of the New Entrant Reserve allocation rules in the EU ETS for post-2020 recommendations, commissioned by the European Commission.
- 2015-2018 Evaluating the effectiveness of the UK Climate Investment Pilot, commissioned by the UK Department of Energy & Climate Change.
- 2016 Evaluating H2020 research proposals related to climate change, commissioned

- by the European Research Agency.
- 2016-2017 Supporting the EU-India Climate dialogue, supported by the European Commission.
- 2016 Developing and conducting training on successful development of NAMA proposals for developing country practitioners for the Center for Development Innovation, Wageningen University.

## PUBLICATIONS

1993

- Phylipsen, G.J.M. *De Risicobenadering in het Milieubeleid; Kritiekpunten en aanbevelingen (Using the risk approach in environmental policy; Critique and recommendations)*, Dept. of Science, Technology and Society, Utrecht University, Utrecht, 1993 (93041).
- Phylipsen, G.J.M., *Functiegerichte Optimalisatie van Kunststoffgebruik; Een voorstudie voor een computermodel (Functional optimisation of plastic consumption; preliminary study for a computer model)*, Dept. of Science, Technology and Society, Utrecht University, Utrecht, 1993 (934047).

1995

- Blok, K., G.J.M. Phylipsen, A.P.C. Faaij, and E. Worrell, 'Energy Efficiencies of Industrial Processes and Electricity Production in European and non-European Countries', in: *The Feasibility of Joint Implementation*, proceedings of the 1st International Conference on Joint Implementation, C.J. Jepma (ed.), Kluwer Academic Publishers, Dordrecht, (1995), p.285-298 (95116).
- Blok, K., D. Phylipsen, J. Farla, R. Wolbers and E. Worrell, 1995, *International Energy Efficiency Comparisons: An Update*, Dept. of Science, Technology and Society, Utrecht University, Utrecht.
- Phylipsen, G.J.M., E. Worrell, and K. Blok, 1995, 'Energy Efficiency Improvement in Industrial Sectors: International comparisons', in: S. Zwerver et al. (eds.), *Climate Change Research: Evaluation and policy implications*, Proceedings of the International Climate Change Research Conference, Elsevier Science bv., p.1087-1093, 1995 (95084).
- Phylipsen, G.J.M., E. Worrell, and K. Blok, 'Parameters Affecting Energy Consumption in the Petrochemical Industry', in: Persson, A. (ed.): *Proceedings of the 1995 ECEEE Summer Study: Sustainability and the Reinvention of the Government - A Challenge for energy efficiency*, Stockholm, The European Council for an Energy Efficient Economy, 1995 (95049).
- Wolbers, R., and D. Phylipsen, 'Implementatie van Energiebesparing in Bedrijven; verslag van een studiedag' (Implementation of Energy Conservation in companies), in *Milieu en Economie* (1995) 9(6), p.5-8. (95136).
- Worrell, E., K. Blok, J.G. de Beer and G.J.M. Phylipsen, 'Energy Efficiency Improvement in the Heavy Industry in the European Union', in: *Efficient Use of Energy Utilising High Technology: An assessment of energy use in industry and buildings*, M.D. Levine, N. Martin, L. Price and E. Worrell; World Energy Council: London, p. 23. 1995 (95111).
- Worrell, E., A.P.C. Faaij, G.J.M. Phylipsen and K. Blok, 'An Approach for Analysing the Potential for Material Efficiency Improvement', in: *Resources, Conservation and Recycling*, (1995), 13: p.215-232 (95077).
- Worrell, E., R. Smit, D. Phylipsen, F. van der Vleuten and J. Jansen, 'International



Comparison of Energy Efficiency Improvement in the Cement Industry', in: the proceedings of the *ACEEE 1995 Summer Study on Energy Efficiency in Industry*, August 1995, Grand Island, ACEEE, Washington D.C., 1995 (95115).

#### 1996

- Blok, K., G.J.M. Phylipsen, *Common European Union Policies and Measures for Greenhouse Gas Emission Limitation and Reduction*, discussion paper for the informal workshop for the EU Ad Hoc Group on Climate, Dublin, September 2-3, Department of Science, Technology and Society, Utrecht University, Utrecht, 1996 (96077).
- Phylipsen, G.J.M., and K. Blok, *International Comparisons of CO<sub>2</sub> Emission Reduction Potentials*, final report NOP-I, RIVM, Bilthoven, 1996 (96143).
- Phylipsen, G.J.M., and K. Blok, *National Circumstances of EU Member States Related to Greenhouse Gas Emission Limitation and Reduction*, discussion paper for the informal workshop for the EU Ad Hoc Group on Climate, Dublin, September 2-3, Department of Science, Technology and Society, Utrecht University, Utrecht, 1996 (96078).
- Phylipsen, G.J.M., J. Nyboer, J.T. Oliver, A. Pape, E. Worrell and K. Blok, *Methodologies for International Comparisons of Industrial Energy Efficiency*, proceedings of the workshop on, April 1-2, Vancouver BC, Dept. of Science, Technology and Society, Utrecht University and CIEEDAC, Simon Fraser University, Utrecht, 1996 (96078).

#### 1997

- Blok, K., D. Phylipsen, *European Union Policies and Measures to Achieve the -15% Kyoto Negotiation Position*, Dept. of Science, Technology and Society, Utrecht University, 1997
- Blok, K., G.J.M. Phylipsen and J.W. Bode, *The Triptique Approach; Burden differentiation of CO<sub>2</sub> emission reduction among EU member states*, discussion paper for the informal workshop for the European Union Ad Hoc Group on Climate, Zeist, the Netherlands, January 16-17, 1997 (9740).
- Phylipsen, G.J.M., and A. Alsema, 1997, *Environmental Life Cycle Assessment of multi crystalline Silicon solar cells modules*, Department of Science, technology and Society, Utrecht University, Utrecht.
- Phylipsen, G.J.M., and K. Blok, 'EU Climate Policy', in: proceedings of the International Conference on 'Sustainability 21: Energy Policy and CO<sub>2</sub> Reduction Technology', Kyoto, Japan, December 6, 1997.
- Phylipsen, G.J.M., K. Blok and H. Merkus (eds.), *The Expert Group's Work on EU Common and Co-ordinated Policies and Measures*, in commission of the Netherlands' Presidency, Dept. of Science, Technology and Society, Utrecht University, Utrecht, 1997, (97039)
- Phylipsen, G.J.M., K. Blok and E. Worrell, 'International Comparisons of Energy Efficiency: Methodologies for the manufacturing industry', in the Special Issue on Cross-country Comparisons of Indicators of Energy Use, Energy Efficiency and CO<sub>2</sub> Emissions of *Energy Policy*, August, 1997 (97041).
- Tsuchiya, H., Y. Matsuoka, A. van Wijk and G.J.M. Phylipsen, *Key Technology Policies to Reduce CO<sub>2</sub> Emissions in Japan; an indicative survey for 2005 and 2010*, WWF Japan, Tokyo, 1997 (in English and Japanese)

#### 1998

- Blok, K., D. Phylipsen, 'European Union Policies and Measures to Achieve the -15% Kyoto Negotiation Position', in: *Gunshuku*, January 1998 (in Japanese)
- Blok, K., D. Phylipsen, 'Common and Co-ordinated Policies and Measures to Reduce

Greenhouse Gas Emissions in the European Union', *Int. J. of Environment and Pollution*, 1998

- Phylipsen, G.J.M., *The Development of Energy Efficiency Indicators for the Manufacturing Industry*', proceedings of the APERC Workshop on Energy Efficiency Indicators in Industry 21-22 September 1998, Tokyo, Japan
- Phylipsen, G.J.M., K. Blok and C. Hendriks, *A Review of the Stage of Implementation of European Union Policies and Measures for CO<sub>2</sub> Emission Reduction*, Dept. of Science, Technology and Society, Utrecht University, Utrecht, 1998.
- Phylipsen, G.J.M., K. Blok and E. Worrell, *Handbook on International Comparisons of Energy Efficiency in the Manufacturing Industry*, in commission of the Ministry of Housing, Physical Planning and the Environment, Dept. of Science, Technology and Society, Utrecht University, Utrecht, 1998
- Phylipsen, G.J.M., K. Blok and E. Worrell, *Benchmarking the Energy Efficiency of the Dutch Energy-Intensive Industry; A preliminary assessment of the effects on energy consumption and CO<sub>2</sub> emissions*, Dept. of Science, Technology and Society, Utrecht University, Utrecht, 1998.
- Phylipsen, G.J.M., J.W. Bode, K. Blok, H. Merkus and B. Metz, 'A Triptych Sectoral Approach to Burden Sharing: GHG emissions in the European bubble', in: *Energy Policy*, 26, 12, pp.929-943, 1998.
- Phylipsen, G.J.M., H. Groenenberg and K. Blok, *The EU burden sharing after Kyoto; Renewed Triptych calculations*, Department of Science, Technology and Society, Utrecht University, Utrecht, 1998.
- Phylipsen, G.J.M., E. Worrell and K. Blok, 'Energy Efficiency Indicators for the Manufacturing Industry; An example of their use in policy making', in the proceedings of the 1998 Seoul Conference on *Energy Use in Manufacturing: Energy savings and CO<sub>2</sub> mitigation policy analysis*, Seoul, 19-20 May, 1998 (in English and Korean)

#### 1999

- Groenenberg, H., D. Phylipsen and K. Blok, 1999, 'Differentiation of Greenhouse Gas Reduction Objectives Based on Differences in Energy Efficiencies in Heavy Industry', proceedings of the *ACEEE Summer Study on Industry 'Innovation in the 21<sup>st</sup> Century'*, Saratoga Springs, NY, 14-18 June 1999.
- Martin, N., E. Worrell, J. Bode, A. Sandoval, and D. Phylipsen, 1999, *Industrial Energy Efficiency Policies: Understanding Success and Failure*, LBNL-42368; Workshop Proceedings, Utrecht, the Netherlands, June 11-12 1998, Lawrence Berkeley National Laboratory, Berkeley CA, 1999.
- Phylipsen, D., 1999, 'Using international comparisons of energy efficiency in energy and climate change policy', *Change* 45 / December 1998 - January 1999.
- Phylipsen, G.J.M., K. Blok and E. Worrell, forthcoming, *Industry Chapter*, contribution to the IEA Handbook on International Comparisons of Energy Efficiency Indicators, International Energy Agency, Paris.
- Phylipsen, G.J.M., L.K. Price, E. Worrell, K. Blok, 1999, 'Industrial energy efficiency in light of climate change negotiations; Comparing major developing countries and the U.S.', proceedings of the *ACEEE Summer Study on Industry 'Innovation in the 21<sup>st</sup> Century'*, Saratoga Springs, NY, June 15-18, 1999
- Phylipsen, G.J.M., E. Worrell, N.C. Martin and D. Einstein, 1999, *Energy Efficiency improvement in the Production of Ethylene and Other Petrochemicals*, Lawrence Berkeley National Laboratory, Berkeley, Ca.

- Price, L., D. Phylipsen and E. Worrell, 1999, *Energy Use and Carbon Dioxide Emissions in the Steel Sector in Key Developing Countries: Preliminary Sector Analysis*, Lawrence Berkeley National Laboratory, Berkeley, Ca.
- Price, L., D. Phylipsen, J. Sinton and E. Worrell, 1999, *Energy Use and Carbon Dioxide Emissions in the Cement Sector in Key Developing Countries: Preliminary Sector Analysis*, Lawrence Berkeley National Laboratory, Berkeley, Ca.
- Price, L., E. Worrell and D. Phylipsen, 1999, *Energy Use and Carbon Dioxide Emissions in Energy-Intensive Industries in Key Developing Countries*, presented at the Earth Technologies Forum, September 27-29, 1999, Washington DC.
- Sinton, J., L. Price, D. Phylipsen and E. Worrell, forthcoming, 'Energy Use and Carbon Dioxide Emissions in China's Steel Sector: Initial Sector Analysis', Lawrence Berkeley National Laboratory, Berkeley, Ca.
- Worrell, E., D. Phylipsen and N. Martin, 1999, *Energy Efficiency Improvements in the Production of Ammonia and Nitrogenous Fertilisers*, Lawrence Berkeley National Laboratory, Berkeley, Ca.

## 2000

- Betz, R., G.J.M. Phylipsen, W. Eichhammer, F. Gagelmann, M.G.M. Harmelinck, O. Stobbe and K. Blok, 2000, *Evaluation of national climate change policies in 6 EU Member States - summary report*, Ecofys, Fraunhofer ISI, Utrecht, draft.
- Blok, K., and D. Phylipsen, *Emission reduction options for carbon dioxide in Europe*, Paper prepared for the conference of environmental advisory bodies in the European Union: "Reconciling a Sustainable Energy Future with the Liberalisation and Privatisation of the European Energy Market", 27 and 28 October, Amersfoort.
- Bode, J.W., and D. Phylipsen, *Promoting preferred technologies, A contribution to the debate on prompt starting the CDM using a preferential set of rules for renewable energy and energy efficiency projects*, discussion paper based on the WWF Brussels Workshop, 30 August 2000.
- Brown, M.A., M.D. Levine, W. Short, J. Koomey, A. Nichols, C.A. Webber, C.S. Atkinson, B. Holloman, E. Worell, L.K. Price, P. Lamar, P. Jalluk, N. Anglani, D. Einstein, M. Khrushch, B. Lehman, N. Martin, D. Phylipsen, D. Greene, S. Plotkin, J. Rollow, K.G. Duleep, S. Hadley, D. South, M. Sale, , 2000, *Scenarios for a Clean Energy Future*, Oak Ridge National Laboratory, Lawrence Berkeley National Laboratory and NREL,
- Harmelink, M.G.M., and G.J.M. Phylipsen, 2000, *AIJ baseline validation; CHP in Szamotuly, Poland*, Ecofys, commissioned by PriceWaterhouseCoopers, Utrecht.
- Harmelink, M.G.M., G.J.M. Phylipsen and K. Blok, 2000, *Evaluation of national climate change policies in 6 EU Member States - country report on the Netherlands*, Ecofys, Fraunhofer ISI, Utrecht.
- Harmelink, M.G.M., O. Stobbe, G.J.M. Phylipsen and K. Blok, 2000, *Evaluation of national climate change policies in 6 EU Member States - country report on Spain*, Ecofys, Fraunhofer ISI, Utrecht.
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- RCEE-NIRAS, 2014, *Climate Change Action Plan and Pilot Projects with a Focus on the Energy Sector - Prepared for Ministry of Industry and Trade*, RCEE-NIRAS, Hanoi, commissioned by ADB.
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- Oudenes, M., and D. Phylipsen, 2015, *The Urgenda Climate Case against the Netherlands' government – Commentary*, SQ Consult.
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## **OTHER ACTIVITIES AND MEMBERSHIPS**

- Member of the Expert Pool to evaluate companies' climate ambitions under the public procurement tool 'CO2 performance ladder' (2015-ongoing)
- Member of the Expert Group on Climate Change and Markets, facilitated by the Dutch Emissions Authority (NEa) (2015-ongoing)
- Member of the Advisory Board on Climate Change and Developing Countries to the Dutch Ministry of Foreign Affairs, Dept of Intern. Cooperation (DGIS) (2013-ongoing)
- Member of the Roster of Experts of the World Bank's Partnership for Market Readiness (2011-ongoing), including delegation member for in-country reviews
- Member of the Roster of Experts of CDKN, the Climate and Development Knowledge Network (2010 – ongoing)
- Regular guest lecturer at universities on topics related to energy efficiency, emissions trading, carbon markets, climate policy and climate change negotiations (2005-ongoing)
- Responsible for knowledge management and website contents for Ecofys (2006-2009) and SQ Consult (2010-ongoing)
- Participant of the 3<sup>rd</sup> CDM Executive Board Coordination Workshop (2006)
- Expert Reviewer of the IPCC 4<sup>th</sup> Assessment Report (2006)
- UK Focal Point on benchmarking in Phase II of the EU ETS (2005)
- Member of the editorial board of the electronic newsletter on emissions trading for participants in the EU Emission trading system in the Netherlands, commissioned by the Core group on emissions trading (Min of Environment, Economic Affairs, employers organisation) (2004)
- Expert reviewer for the UNFCCC on new baseline and monitoring methodologies (2003 – ongoing)
- Member of the ECCP working group on JI/CDM and ETS (2002 – 2003, 2006)
- Adviser to the Dutch negotiating delegation for COP6bis (resumed session of the 6<sup>th</sup> Conference of the Parties under the UN Framework Convention on Climate) on several issues, including baselines (2001)
- Member of the Dutch delegation to the IPCC session on the Special Report on Emission Scenarios, Katmandu, March 2000
- (co-) Organiser of a number of international workshops (Vancouver 1996, Dublin 1996, Zeist 1997, Utrecht 1998, Brussels 2000, Brussels 2001, Amsterdam 2001, Utrecht 2002, Utrecht 2003, London 2005, Barcelona 2011, Brugge 2014).
- Member of the Expert Group on Climate, advisory body for the EU Ad Hoc Group on Climate (1996-1997)
- Member of review panel of the pilot project on energy efficiency indicators in industry of APERC (Asia Pacific Energy Center, Tokyo, 1998-1999)
- Member of the Working Group on Climate of the Dutch Energy Policy Research Group (1997-1998)
- Member of the editorial board of the department newsletter (1995-1998)

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