

Curriculum Vitae Mark van Wees

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Mark van Wees works in: climate change strategies and policies - corporate and global sustainability - energy efficiency and renewable energy policy – energy efficiency in housing and sustainable housing management – team leader

Mark van Wees has more than 20 years experience in energy and environmental research and consultancy. He has experience as Team Leader, Energy, and Climate Change Expert. He is specialised in research, consultancy and technical assistance projects in the EU, Central and Eastern Europe, South East Europe, and in developing countries. He has advised governments on the implementation of the carbon/climate market mechanisms (Joint Implementation, CDM and emission trading), the approximation of the EU energy and climate acquis, and on national and sector energy efficiency, renewable energy and climate change policies and action plans. He has drafted strategy and policy documents, as well as legislation. He has advised on institutional capacity building, as well as applied and trained methods and models for GHG and energy scenario analysis. Besides, he has worked extensively for the European Commission (EuropeAid, DEVCO, Clima) and other international organisations, including the EBRD, the World Bank and the UNDP.

EDUCATION

1982-1988 MSc. Physics, Specialisation: Solid State Physics, Technical University Delft, The Netherlands
1991-1992 Postgraduate Course on Environmental Management, University of Amsterdam, The Netherlands

LANGUAGES

Dutch Mother tongue
English Fluent
German Fluent

WORK EXPERIENCE

2009- to present **SQ Consult B.V., Utrecht, Netherlands**
Senior Associate

SQ Consult BV belongs to the Sustainable Quality Holding B.V. SQ Consult is an international, independent consultancy firm fully dedicated to support its clients in meeting the challenges of climate

change, sustainability and energy transition. SQ Consult provides expertise in the form of strategic and regulatory advice, techno-economical analysis, policy evaluation, capacity- building and project management.

- Mainstreaming of the EU climate change objectives in the EU Blending Facilities, providing finance for development projects (Asia, Africa, Central Asia, Pacific, Caribbean, Latin America). Analysis of national climate change and development plans in developing countries. Client KPC/EC DG DEVCO. Expert climate finance. 2013/2014
- Study local sustainable energy companies in the Netherlands. Client: SQ Consult/Agentschap NL. 2010-2011
- Review energy efficiency and renewable energy legislation in Kazakhstan. Client: SQ Consult/Agentschap NL. 2010-2011

2002- to present **CAP SD B.V. Energy and Climate Consultants, Hilversum, Netherlands**
Director and Senior Consultant

Climate Change Policy

- Strategy and Law on Climate Action FYR Macedonia. Climate policy expert. ACE/European Commission. 2014-2015
- NAMA development in the building sector in Armenia and Albania. NAMA expert. UNDP. 2014
- Supporting the Ministry of Environment in developing and drafting the National Climate Change Policy of Jordan. UNDP Team Leader and Climate change expert. 2012-2013
- Sustainable development and greenhouse gas mitigation in the energy sector in Serbia. Team Leader. Client: KPC/European Commission. 2011-2012
- Identification and preparation of regional climate change programme under the Regional Indicative Programme ENPI East for the financial years 2011-2013. Client: AETS/European Commission. 2010
- Technical assistance to the greenhouse gas mitigation strategies in Romania. Client: Ecofys/SenterNovem. 2009-2010
- Encouraging private sector investment in climate-friendly technologies in developing countries; an assessment of policy options for the Dutch government. Expert. Study prepared for the Netherlands Government Working Group on Future International Climate Change Policy. 2006
- Climate Change and JI capacity building in the Ukraine and Belarus. Key Expert. Client: ICF/EuropeAid. 2004-2007
- Climate Change Strategy and Action Plan Romania. Climate Change Expert. COWI/DEPA. 2005-2006
- Climate Change Action Plan Bulgaria. Expert. Client: Dutch Government. 2003-2004

Sustainable Development

- Study sustainable development in the Serbian energy sector. Main Author. Client: RIVM. 2010
- Synthesis of global environmental assessments (GEO4, IPCC, OECD). Co-author. Client: Netherlands Environmental Assessment Agency. 2008
- Development of sustainable eco-tourism in Madagascar. Client: CMGDM. 2007-ongoing
- Green electricity for sustainability energy development. Author. Client: CICERO, Norway. 2004
- Development of an integrated project on methods and tools for integrated assessment for EU 6th Framework Programme. Client: MNP. 2004
- Contribution to the Global Sustainable Development programme for MNP. Expert. 2002-2003

Corporate Carbon and Sustainability Management

- Advisor in CDM to the Thai Bank for Agriculture and Agricultural Cooperatives BAAC. Client. ICON. 2010

- Advisor to ING Real Estate on the corporate sustainability policy. 2008
- Support to the global corporate carbon strategy of Philips Electronics. Expert. 2007
- Support to the carbon management and climate neutrality strategy of Dutch and international companies. 2008/2009

Kyoto Mechanisms and EU Emission Trading Scheme

- Support to the Serbia's involvement in EU ETS and in post-2012 carbon finance mechanisms. Client: KPC/EC. 2011/2012
- Support to the JI and CDM strategy of Philips Lighting. Expert. 2007-2013
- Feasibility study CDM in energy efficient housing in India. Client: AFC. 2010
- Guidelines for Joint Implementation track one in Bulgaria. Project Coordinator and Expert. Client: EVD/SenterNovem. 2009-2010
- Potential of carbon financing and green investment schemes in energy efficiency in housing. Client: Dutch International Guarantees in Housing (DIGH). 2009
- Implementation of the EU Emission Trading Scheme in Romania. Expert. Client: Dutch Ministry of Economic Affairs. 2006
- Development of a greenhouse gas registry in Romania. Key Expert. Client: COWI/DEPA. 2006 – 2007
- Rules and procedures for Joint Implementation track one in Romania. Project Coordinator and Expert. Client: EVD/SenterNovem. 2006-2007
- Support to the Russian Federation on the implementation of the Kyoto Protocol. Key Expert Joint Implementation and emission registries. Client ICF/EuropeAid. 2007
- Establishing greenhouse gas registries in the Ukraine and Belarus. Key Expert. Client: ICF/EuropeAid. 2005-2006
- CDM capacity building in ASEAN countries. Expert. Client: ASEAN Centre for Energy/EU ASEAN Energy Facility. 2003-2005
- Partnership on legal and institutional issues regarding JI and emissions trading in the Russian Federation" in Russia. JI expert. DEPA. 2004
- Audit of Guinea's participation in CDM. CDM expert. Fondem. 2004
- Assessment CDM potential and identification CDM project opportunities in the Caucasus and Central Asia. Expert. Client: EBRD. 2004
- CDM workshop for the Indonesian Ministry of Energy and Mineral Resources. Expert. Client: Novem. 2003
- Analysis conversion AIJ projects into CDM and JI. Expert. 2003
- JI market study Czech Republic. Expert. 2003
- National policy seminar on CDM Malaysia. Energy and industry expert. Client: UNDP. August 2002

Renewable Energy and Energy Efficiency

- Market study energy efficiency in housing Lithuania. Client: EBRD. 2008
- Renewable energy and energy efficiency market study Kazakhstan. Client: EBRD. 2007.
- Energy Efficiency Master Plan Croatia. Expert. Client: UNDP. 2007-2008
- Development of energy efficient lighting programmes. Client: Philips Lighting. Ongoing
- Study on Energy for Development. Expert. Client: RIVM. 2004
- Institutional Development for Implementation of an Energy Efficiency Programme in Kosovo. Legal expert. BCEOM/European Agency for Reconstruction. 2003-2004
- Green Electricity Markets in the Netherlands. Expert. Client: CICERO, Norway. 2004
- Development of a Sustainable Development Programme for a large research institute in the Netherlands. Expert. 2002-2003

- Energy Efficiency Policy and Regulation in Buildings in Lithuania. Project leader. Client: ECN/Senter. 2002

Sustainable Housing Management

- Development of a social housing sector in Armenia. Client: Netherlands Ministry of Foreign Affairs./DIGH. 2010-2012
- Development of a social housing sector in Bulgaria and Romania. Project Manager. Client: Woonbron. Ongoing
- Support to the Bulgarian Union of Homeowners' Association CAC. Project Manager. Client: Woonbron. Starting date: 2007 - ongoing
- Capacity building for urban regeneration in Romania. Project Manager. Client: Dutch Ministry of Foreign Affairs/Woonbron. 2006-2008
- Sustainable housing management in Bulgaria. Project Manager. Dutch Ministry of Foreign Affairs. 2005-2006
- Support to the Ministry of Housing and Spatial Planning in Kosovo. Project leader. Client: Dutch Housing Organisations. 2004

1998 - 2002 **Energy Research Centre of the Netherlands ECN,
Business Unit ECN Policy Studies.
Senior Consultant and Researcher**

Climate change policy, JI and CDM

- Support to outreach activities of the Technical Support Group of the IPCC Working Group III on Climate Change Mitigation with focus on Russia and India. Expert. Client: RIVM. 2002
- Support to JI trading simulation and development electricity baselines Baltic States. Client: OECD/IEA. Project leader. 2002
- JI policy of the Russian Federation. Project leader. Client: ECN. 2002
- Standardised baselines for small-scale projects in CDM. Expert. Client: Dutch Ministry of Environment. 2001
- Joint Implementation policy, implementation and capacity building in Central Europe (Romania, Bulgaria), including institutional strengthening. Project leader. Client: Dutch Ministry of Economic Affairs. 2000-2001
- CDM workshop for the Indonesian Ministry of Energy and Mineral Resources. Expert. Client: Novem. 2001
- Joint Implementation study for Latvia. Expert. Client: Dutch Ministry of Economic Affairs. 2000
- CHP/AIJ projects in Slovakia and the Ukraine (baseline studies and monitoring studies). Project leader. Client: Senter. 1999-2001

Energy Policy and Planning

- Technical assistance in energy planning for the Indonesian Ministry of Energy and Mineral Resources. Project leader. Client: Novem. 2001-2002
- Energy policy studies for the national governments of the Netherlands, the European Union and CEEC countries (Phare, DG1A)
- Energy demand scenarios Hungary (UN Climate study for Ministry of Environment of Hungary). Expert. 1998
- Long-term energy and environmental scenarios for the Czech Republic. Expert. Client: European Commission. 1999

- Potential and barriers for decentralised electricity production in the European Union. Expert. Client: European Commission. 2000
- Networking with CEE and CIS Partners in the field of energy modelling. EURIO project Client: DG XVII. 1997-1998
- Methods for energy R&D priority setting in the Netherlands and the EU. Project leader. Client: European Commission. 1998-1999

Renewable Energy and Energy Efficiency Policy

- Network for promotion green IPPs in South East Asia. Expert. Client: European Commission. 2001-2002
- UNDP/GEF PDF-B Phase Polish energy efficient motors programme. Project leader. Client: UNDP. 1999-2000
- Energy efficiency policy and regulation in buildings in Lithuania. Project leader. Client: Senter/MATRA. 2001-2002
- Industrial energy efficiency policy Poland (PSO Pre-accession project). Expert. Client: Senter. 2000-2001
- National energy efficiency study – Czech Republic including an action plan for implementation of energy efficiency and renewable energy policy. Project leader. Client World Bank. 1999
- Renewable energy policy studies and implementation action Plans in Central Europe
- Combined Heat and Power Production (CHP) in the EU and Central Europe (Czech and Slovak Republic). Project leader. Client: European Commission. 1998-2000
- Regional CHP action plan for Neisse Euregio (Germany, Czech Republic and Poland). Expert. Client: European Commission. 2001

1995 - 1998 **University of Stuttgart, Institute for Energy Economics and the Rational Use of Energy IER. Stuttgart, Germany**
Researcher

- Development of methods and tools for integrated resource planning and demand-side management. Project leader. Client: State of Baden-Württemberg. 1995-1998
- Energy and economic evaluation of DSM and energy conservation projects for energy utilities and governmental agencies. Expert. 1996-1998
- Evaluation of condensing boiler promotion programmes in the EU. Expert. Client: European Commission. 1997-1998
- Strategic energy planning for national governments (e.g. Germany and Slovenia) and for Energy Utilities. Expert. 1997-1998

1993 - 1995 **University of Utrecht, Dept. of Science, Technology and Society. Utrecht**
Researcher

- Energy conservation in buildings, households and the commercial/service sector. Expert. Client: Novem. 1993-1995
- Technology characterisation and foresighting of heat supply technologies. Project Leader. Client: Novem. 1993-1995
- System analysis of heat supply options. Expert. Client: Novem. 1994-1995
- R&D priority setting of energy technologies. Expert. Client: Novem. 1993-1995

1992 – 1993 **Free University of Amsterdam Institute for Environmental Studies IVM**
Researcher

- The incorporation of climate change policy in the European Energy Charter with a case study for Poland. Expert. Client: IVM. 1992
- Appraisal of environmental policy in CEEC countries. Expert. Client: IVM. 1993
- Assessment of future tasks and responsibilities of the Dutch Ministry of Transport and Water Management from the viewpoint of climate change. Expert. Client: Ministry of Transport. 1993

1991 **University of Utrecht, Science Transfer Centre of the Department of Physics**
Researcher

- Research and consultancy in the field of radiation and noise hindrance.

1989 - 1990 **University of Amsterdam, Physics Laboratory**
Researcher

- Experimental research into solid-state physics.

Mark van Wees, November 2014