

Curriculum vitae

Name: Jørgen Fenhann
Nationality: Danish
Date of birth: 1946-06-25
Profession: Physicist
Position: Senior Scientist
Years with firm: Permanent staff member - 42

Specialisation: Emission inventories, energy planning in developing countries

Key qualifications: Specialist in long-term energy planning, Developing country issues, GHG country studies, emission inventories, renewable energy technologies, and long-term energy technology development, CDM and the Carbon Market

Education:

1966-76 University of Copenhagen, M.Sc. in physics, mathematics, and chemistry.

Selected experiences:

- 1992-93 Project leader of a greenhouse costing study for Zimbabwe. The project was financed by Danish and carried out in collaboration with the UNEP Collaborating Centre on Energy and Environment. The aim was to calculate cost curves for limiting energy related greenhouse gas emissions. The project was a part of the UNEP Greenhouse Gas Abatement Costing Studies, Phase I and II.
- 1993-94 Project leader of the Zimbabwe study under the UNEP financed Phase III of the UNEP Greenhouse Gas Abatement Costing Studies.
- 1993-94 Prepared the Greenhouse Gas inventory for the Danish Communication to the Framework Convention on Climate Change.
- 1994- Participates in the Danish project: National climate reporting and capacity building in Burkina Faso.
- 1994 Project leader for the Danida project about National and Regional Greenhouse Gas Mitigation in Botswana, Tanzania, Zambia, and Zimbabwe. Worked at Southern Centre for Energy and Environment in Harare for three months.
- 1995- Participated in the GEF project: Economics of GHG limitations - Phase I: Establishment of a methodological framework for climate change mitigation assessment. The countries involved are: Senegal, Mauritius, Ecuador, Argentina, Vietnam, Indonesia, Estonia, and Hungary.

- 1997- Participates with the Danish Energy Agency in a Danida financed project on establishing an Energy Agency in Burkina Faso and an electrification plan for the country.
- 1997-1998 Participated in the Danida financed Peru GHG Mitigation Study.
- 1998-1999 Lead Author in the IPCC Special Report on Emission Scenarios.
- 1998-1999 Participated in the GTZ financed study: Options for reducing greenhouse gas emissions in Colombia 1998-2010.
- 1999-2000 Responsible for the Zimbabwe component of the Danida financed project on removing barriers to renewable energy in Ghana, Egypt and Zimbabwe.
- 1999- Participates as resource person in the thematic workshops under the UNFCCC National Communication Support Programme.
- 1999-2000 Participates in the GTZ financed study: Technical Assistance to the mitigation component of the mitigation study in South Africa.
- 1999-2004 Participates with the Danish Energy Agency in a Danida financed project on capacity building of the Energy Agency in Burkina Faso and rural participation of the electrification plan for the country.
- 2000-2002 Participates in the African Rural Energy Enterprise Development Project (AREED) funded by the United States Foundation (UNF). The project focuses on establishing small and mid-sized rural renewable energy enterprises in African countries.
- 2001-2002 Provided technical assistance to a GTZ funded project on Greenhouse Gas Mitigation by connecting the electricity grids in the three East African Countries: Kenya, Tanzania and Uganda.
- 2002- Member of the UCCEE team on the four year project "Capacity Building for the CDM" implemented in 3 countries in each of the regions: Asia, South America, Africa and Arab States for the Netherlands Ministry of Foreign Affairs.
- 2002 Author of the report "Denmark's Greenhouse Gas Projections until 2012, an update including a preliminary projection until 2017". The report was financed by the Danish Environmental Protection Agency as background material for the coming Danish Climate Action Plan.
- 2003 Training of a Macedonian team in Skopje in doing the costing analysis of greenhouse gas reductions option for the next National Communication to the UNFCCC. The training was based on my GACMO model.

- 2003 Desk Reviewer for the Executive Panel for the CDM
- 2004 Lead Author in the Fourth Assessment Report of the IPCC Working Group III
- 2004 Organising an ASEAN CDM network under contact with the EC-ASEAN Energy Facility.
- 2005 Started publishing the “UNEP Risoe CDM Pipeline Overview” on the CD4CDM web-site.
- 2005 Capacity building for District Heating managers in Kaliningrad
- 2005 – 2007 Partner in the COOPENER IMPROVES-RE project on using GIS for rural electrification in Burkina Faso, Cameroon, Niger, and Mali.
- 2005 CDM Train-the Trainer Workshops 2005. An EC-Asean training tour with Öko-Institut e.V. to Thailand, Indonesia and the Philippines.
- 2006 Targeted Capacity Development on CDM for the DNA in Thailand.
- 2007 The UNEP Risoe CDM/JI Pipeline gets its own Web site www.CDMPipeline.org and is downloaded more than 5000 times every month.
- 2007 - 2008 Project leader for the Chinese Programmatic CDM Project in collaboration with the Chinese Academy of Social Science.
- 2007 – 2008 Team member of the Chinese Biomass CDM Project in collaboration with the Danish Institute of Technology and Energy Research Institute in China.
- 2008 Editor of the 2008 publication in the Perspectives series “A Reformed CDM, including new mechanisms for Sustainable Development”
- 2009 Project leader for the DANIDA funded CDM project “Green Facility Phase I” in Ghana, Zambia, Benin, Niger and Burkina Faso.
- 2009 -2013 Team member for the EU-MEA project on CDM capacity building in the ACP (Africa-Caribbean-Pacific) countries, with focus on Trinidad and Tobago

- 2009 Editor of the 2009 publication in the Perspectives series “NAMAs and the Carbon Market – National Appropriate Mitigation Action in developing countries”
- 2009 - Creator and maintainer of the www.unep.org/climatechange/pledgepipeline web-site showing how close the country GHG reduction pledges brings us global GHG emission goals in 2020 and 2050 needed for the 2 degree goal.
- 2010 – Teacher on the Climate/CDM course at the Catholic University of Valparaiso in Chile.
- 2010 – Creator and maintainer of the new web-site: www.namapipeline.org
- 2010 - 2013 Project leader for the DANIDA funded CDM project “Green Facility Phase II” in Ghana and the Maldives. The Maldives used my GACMO model to make their NDC.
- 2009 Editor of the 2013 publication in the Perspectives series “Elements of a New Climate Agreement by 2015”
- 2012 - Make the calculations for the UNEP GAP Report – based on the input from several global modelling teams. See www.unep.org/publications/ebooks/emissionsgapreport
- 2014-2015 Team member of a project to develop a taxonomy for Transformational Change together with Wuppertall Institute, the UNFCCC Secretariat, and GIZ.
- 2015 Team member of the UNEP DTU support for NDCs in 34 developing countries using my GACMO model in many countries, funded by GEF.
- 2018 Developed the GACMO Hotel model, which is now used by 70 hotels at the Dominican Republic and at 70 hotels in the Philippines.
- 2018 Project leader for the update of the Climate Initiatives Platform funded by the Nordic Council of Ministers and the Dutch Ministry of Infrastructure and the Environment.
- Languages: English, fluently
 German, fluently
 French, fluently
 Spanish, understanding, reading