

Silvana Tiedemann

SHORT BIO

Dr. Silvana Tiedemann is the Managing Director of Neon and an expert in energy policy and economics with over a decade of experience advising public and private clients. She has managed several large projects supporting policy makers through complex reform processes, leading consortia of up to 6 partners. Her content work focuses on the design and evaluation of auctions and electricity markets, demand-side flexibility, renewable energy support, and grid tariffs. Silvana received her PhD from the Hertie School, specializing in the empirical and auction-theoretical evaluation of energy policy measures. She also studied physics at Freie Universität Berlin and global energy and climate policy at SOAS, University of London.

POSITIONS

2025 – present	Managing Director at Neon, Berlin Advising public and private clients on policies and regulatory issues regarding the electricity markets, renewable energies, auction design, grid-fees, and managing the company.
2020 – 2025	Research associate at Hertie School, Berlin Conducting quantitative economic evaluations of policy measures and interventions into the energy market with cutting-edge econometric techniques
2015 – 2020	Managing Consultant at Guidehouse (formerly Ecofys/Navigant), Berlin Advising public and private clients on renewable energy policies and electricity market design including the German Ministry of Economic Affairs and Energy, distribution grid operators, think tanks, Deutsche Bahn, the European Commission, the Danish Energy Agency, the EBRD, the Energy Community Secretariat, the Nordic Council of Ministers, GIZ, and USAID. Silvana managed projects with up to six partners and had budget responsibilities for up to EUR 2 million.
2013	Consultant at MicroEnergy International, Berlin Advised on financing instruments for rural electrification, including assessing a KfW credit line in South Asia, coordinating a German company's pilot entry into the Bangladeshi solar market, and contributing to a feasibility study on credit-financed energy efficiency in Central Asia.
2009 – 2013	Student employee at the Renewables Academy (RENAC), Berlin Assisted the development of training modules on technical, planning, and market integration aspects of renewable energy systems in English and French, and supported international students in online university courses.
2011	Internship at the Institute for Ecological Economics (IOEW), Berlin Contributed to research on the socio-ecological impacts of international biofuel use.

EDUCATION

Since 2020	PhD researcher at the Centre for Sustainability at Hertie School, Berlin, Germany Subject: “Essays on Empirical Energy Economics: Real-time pricing, saving rewards, and auctions in the energy transitions”
2013 – 2014	Global Energy and Climate Policy (M. Sc.), School of Oriental and African Studies (SOAS), University of London, GB Master thesis “The Bangladeshi Solar Home System (SHS) Programme – Relevance and Development of the Supply Side” (Distinction) supervised by Prof. Mushtaq Khan
2008 – 2012	Physics (B. Sc.), Free University of Berlin Bachelor thesis: “Analysing the Indian Summer Monsoon’s dependency on the El Nino-Southern Oscillation using Complex Network Theory” at Potsdam Institute for Climate Impact Research.
2010 – 2011	Erasmus exchange year at the Boğaziçi University, Turkey

PROJECT HIGHLIGHTS

2025 – ongoing	Peak Prices (50Hertz) The study evaluates the degree to which economical causes, such as fuel and operational costs as well as scarcity prices can explain extremely high power prices and investigates the withholding of capacity by power plant operators to artificially inflate prices as an alternative explanation. The goal is to develop practical recommendations to prevent future price spikes and mitigate their negative effects on consumers.
2015 - ongoing	Balancing energy auctions (ElCom) Evaluation of the existing market design and the causes of the balancing energy price increase, as well as development of concrete reform proposals for more efficient, competitive and robust and balancing markets.
2018 – 2020 (then with Navigant)	Renewable auctions (BMWf) Evaluation of the renewable energy auctions under the Renewable Energy Act (EEG) and their further development for the Federal Ministry for Economic Affairs (BMWf). Silvana – then with the project partner Navigant – led the project and supported the Ministry throughout the reform process by coordinating scientific input, organizing stakeholder meetings, analyzing consultations, and structuring recommendations.