

ALEXANDER OCHS

Managing Director | SD Strategies

Kastanienallee 71 | 10435 berlin | germany

TEl: +49 170 655 0165 | skype: alexanderochs | Email: ochs@sd-strategies.com

www.sd-strategies.com | www.alexanderochs.com

OVERVIEW

Biographical Sketch.....	p. 1
Primary Positions.....	p. 2
Appointments, Honors, Secondary Positions.....	p. 3
Education.....	p. 5
Publications.....	p. 5
Media Contributions.....	p. 8
Conference Leads.....	p. 8
Consultancies.....	p. 9



BIOGRAPHICAL SKETCH

As Senior Director of Climate and Energy at the Worldwatch Institute, a leading international sustainability think tank headquartered in Washington DC, Alexander Ochs heads a growing team of researchers and is a member of the Institute's management team. In 2016, Alexander founded and since then acts as Managing Director of SD Strategies, a consultancy firm based in Berlin, Germany, advising both governments and non-governmental decision-makers on issues at the intersection of economic and social development, energy and the environment. Alexander is also the Chair of the Energy Working Group of the Low Emissions Development Global Partnership (LEDS-GP), President of the Forum for Atlantic Climate and Energy Talks (FACET) and a Senior Fellow at Johns Hopkins University.

Alexander serves on several international advisory boards. In 2011, he received the Sustainable Future Award of the Austrian Academic Forum for Foreign Affairs. In 2012, he served on a High-level Commission evaluating the French National Research Agency. In 2015, he was appointed Senior Advisor to UNEP's One Gigaton Coalition. In 2017, Alexander was asked to join the Clean Energy Solution Center's Roster of Experts.

Alexander Ochs studied at the Universities of Cologne and Munich where he graduated with a Magister Artium in political science, philosophy and literature. He held senior research and/or teaching positions at the Center for Clean Air Policy, Princeton University, German Institute for International and Security Affairs (SWP), George Washington University, City University of New York, as well as Freie and Humboldt universities in Berlin. At SWP, he founded the International Network to Advance Climate Talks (INTACT). A co-editor of three books and author of numerous academic reports and articles, director of two documentary films, and frequent contributor to public media, Alexander was a member of various delegations to the UN climate negotiations, an Aspen Institute Young Leader and an elected member of tt-30.

Over the last twenty years, Alexander has been engaged on climate and energy issues in all major world regions. In 2010, he developed a methodology to design development pathways that are economically, socially, and environmentally sustainable and can be applied by jurisdictions at any level from the local to the global. These Sustainable Energy Roadmaps have since been applied successfully in three countries as well as two world regions, with several new geographic areas upcoming. In 2015, he developed a methodology for the design and implementation of Communities of Practices in the energy sector. Three such CoPs are currently underway: Bioelectricity (Latin America & Caribbean), Mini Grids (Africa), and Renewables Grid Integration (South-East Asia).

PRIMARY POSITIONS

Since 2016	<p>Founder and Managing Director SD Strategies, Berlin</p> <p>Advise governments, international organizations, and non-state actors on the design and implementation of development strategies which are economically, socially, and environmentally sustainable. SDS has a worldwide network of individual and institutional partners. The consultancy builds on Alexander's 20 years of experience in the field of energy and the environment. It applies multi-component, cross-sectoral methodologies to identify ambitious but realistic pathways to low-emission, climate-resilient development.</p>
Since 2009	<p>Director of Climate and Energy (since 2015: Senior Director) & Member of the Management Team Worldwatch Institute, Washington DC (since 2014: Berlin, Germany)</p> <p>Provide strategic leadership on climate and energy policy, supervise program staff, provide overall management and supervision of the program, represent Worldwatch before public and private decision makers and the media, lead the Institute's fundraising in the field. Areas of expertise: International climate negotiations; energy roadmaps including renewables, natural gas, efficiency, and smart grid technologies; Low-Carbon development strategies; domestic climate and energy policies of Brazil, China, Europe, India, Mexico, South Africa, the United States, and other major developed and developing countries as well as the Caribbean and Central American regions; environmental security; global governance and UN reform; transatlantic relations; political economy, international relations and political systems theory.</p>
2008 – 09	<p>Director of International Policy Center for Clean Air Policy (CCAP), Washington DC</p> <p>Oversaw, coordinated and represented the international program of this renowned world leader in climate, energy and air quality policy; CCAP's international climate programs span four continents and more than 30 countries; grew CCAP's International Program staff by more than half; improved its management structure; created a new spirit of teamwork and mutual trust. Provided strategic guidance on all aspects of international climate policy including the Center's Developing Country, Sectoral Approaches, European Dialogue, Future Action Dialogue, transatlantic, and forestry projects; contributed the international perspective to CCAP's domestic program. Helped policy-makers around the world develop, promote and implement innovative, market-based solutions that balance both environmental and economic interests; led CCAP's involvement in the United Nations climate change negotiations.</p>
2001 – 07	<p>Senior Research Associate German Institute for International and Security Affairs (SWP), Berlin</p> <p>Co-Founder & Director International Network To Advance Climate Talks (INTACT)</p> <p>Co-founded, managed and later directed the International Network to Advance Climate Talks (INTACT) at the SWP, Europe's largest foreign policy think tank; built up a network of more than 600 key climate and energy thinkers from all professional fields; established and coordinated four influential working groups; oversaw and personally contributed to the production of more than twenty opinion-making publications; organized and moderated high-level policy meetings including ministers, parliamentarians, and climate delegation leaders. In 2002, promoted to position of Senior Research Associate at SWP; advised the German government, parliament and key decision-makers from all over Europe on climate change, energy, environment, and global governance; published policy papers and book articles; edited two books; organized and moderated meetings with foreign policy leaders on a wide array of topics.</p>

APPOINTMENTS, HONORS, SECONDARY POSITIONS

Since 2017	Member of the Advisory Board Sustainable Urban Planning Program, George Washington University
Since 2017	Expert Clean Energy Solutions Center
Since 2016	Member Indo-European Alliance for Energy Transformation Seed Community
Since 2015	Member ACT Electric Utilities Technical Working Group
Since 2011	Chair Energy Working Group, Low-Emissions Development Strategies Global Partnerships (LEDS-GP)
Since 2011	Management Team Member Worldwatch Institute
Since 2011	Advisor International Climate Initiative (ICI) of the German Government
Since 2009	Founder & Chief Editor Re Volt
Since 2008	President Forum for Atlantic Climate and Energy Talks (FACET), Washington DC & Berlin
Since 2008	Advisor Transatlantic Climate Bridge of the German Foreign Office, Berlin & Washington DC
Since 2007	Senior Fellow American Institute for Contemporary German Studies, Johns Hopkins University, Washington DC
2015	Consultant, One Gigaton Coalition United Nations Environment Programme (UNEP), Technical Unit, Paris
2012 - 2014	Steering Committee Member Low-Emissions Development Strategies Global Partnerships (LEDS-GP)
2013 & 2014	Adjunct Lecturer George Washington University, Washington DC, "Greenhouse Gas and Sustainable Energy Policies"
2011 - 2012	Appointed Member High-level Commission for the Evaluation of the French National Research Agency (ANR)
2011	Recipient Sustainable Future Award of the Austrian Academic Forum for Foreign Affairs, Vienna/Austria
2011	Appointed Member 2020 Transatlantic Working Group, Center for Transatlantic Relations, School for Advanced International Studies (SAIS), Johns Hopkins University, Washington DC
2009	Co-Leader Task Force Global Green Recovery – Supporting Green Technology Markets, Atlantic Initiative, commissioned by the Head of Policy Planning in the German Foreign Office
2008 – 09	Appointed Member Working Group Global Climate Change, U.S. Department of Energy

2008	Adjunct Lecturer City University of New York (CUNY), "The International Politics of Climate Change and Energy"
2007 – 08	Elected Member tt 30 – Think Tank of the Club of Rome
2008	Calouste Gulbenkian fellowship (declined) SAIS Center for Transatlantic Relations
2007	AICGS/DAAD research grant Understanding U.S. and German Climate Policy: Who Frames the National Debate?
2004 – 07	Appointed Member Working group Challenges to U.S. Foreign and Military Policy, Matthew B. Ridgway Center, University of Pittsburgh
2005 – 06	Visiting Researcher Princeton Environment Institute, Woodrow Wilson School, Princeton University
2005 – 06	Research grant The Carbon Mitigation Initiative/Princeton Environmental Institute
2005 – 06	Scholarship Fritz Thyssen Stiftung
2004 – 06	Scholarship Forum Ebenhausen
2005 & 06	Travel & research grants ISA - International Studies Association
2005	Young Leader Aspen Institute
2005	Appointed Member German delegation, UN climate negotiations, Montreal
2003 – 05	Chair Working group Governing the Global Commons, Critical Perspectives on Global Governance (CPOGG), University of Potsdam and EGAP Monterrey, Mexico
2004	Adjunct Lecturer Humboldt University, Berlin, "International Climate Policy"
2003 – 04	Appointed Member Climate Strategy Group, SAIS
2003 – 04	Adjunct Lecturer Free University Berlin, "Climate Policy and International Relations"
2001	Stipend European Commission
2000	Co-organizer 1st German-U.S. High-level Environmental Policy Workshop, German Foreign Office and Federal Ministry for the Environment, Berlin
1997 – 00	Editor-in-chief hp – histerismus und politikum. journal for history and political science, Munich

EDUCATION

2001	M.A. in Political Science, Philosophy, and Literature Ludwig-Maximilians-University, Munich
1998	Foreign Policy Diploma Institute for Experimental Learning, Washington DC
1996	B.A. (equivalent) in Political Science, German Studies, Philosophy Albertus-Magnus-University, Cologne

PUBLICATIONS

The European Portfolio on Energy in International Development Cooperation. European Union Energy Initiative. Brussels: Forthcoming 2017 (with Dean Gioutsos and Philipp Blechinger)

Employment Effects of Renewable Energy Development Assistance. European Union Energy Initiative. Brussels: Forthcoming 2017 (with Dean Gioutsos)

Country Case: Costa Rica. In: Just Energy Transitions. FES & Brot für die Welt. Forthcoming 2017

Country Case: Jamaica. In: Just Energy Transitions. FES & Brot für die Welt. Forthcoming 2017

Advancing Mini-grids as Drivers of Rural Development in Africa. LEDS Global Partnership/LEDS AfLP/LEDS Energy Working Group. August 2017 (with Michelle du Toit, Dean Gioutsos and Ameil Harikishun)

Advancing Bioelectricity in Latin America and the Caribbean. LEDS Global Partnership/LEDS LAC/LEDS Energy Working Group. July 2017 (with Philip Killeen and Ana Maria Majano)

LEDS Best Practices in the Energy Sector: The cases of Laos and Nicaragua. LEDS Global Partnership Energy Working Group. Feb 2017 (Series Editor)

Energy Toolkit. Leading Instruments & Methodologies for Low-Emissions Developing Planning in the Energy Sector. LEDS Global Partnership Energy Working Group. Dec 2016 (Version 2.0)

Caribbean Sustainable Energy Roadmap and Strategy (C-SERMS) Baseline Report and Assessment. GIZ/IDB/Worldwatch Institute. Oct 2015 (with Mark Konold et al.)

Roadmap to a Sustainable Energy System: Harnessing the Dominican Republic's Sustainable Energy Resources. Worldwatch Institute/International Climate Initiative. Jun 2015 (with Matt Lucky et al.)

Energy Toolkit. Leading Instruments & Methodologies for Low-Emissions Developing Planning in the Energy Sector. LEDS Global Partnership Energy Working Group. May 2015 (Version 1.0)

Roadmap to a Sustainable Electricity System: Harnessing Haiti's Sustainable Energy Resources. Worldwatch Institute/International Climate Initiative. Nov 2014 (with Matt Lucky et al.)

ECOWAS Renewable Energy Status Report & Executive Summary. ECREEE/REN-21. Nov 2014 (Project Director).

Caribbean Sustainable Energy Roadmap (C-SERMS), Phase 1. Worldwatch Institute/CARICOM/IDB, Updated report. Forthcoming in Nov 2014 (with Katie Auth et al.)

Study on the Development of the Renewable Energy Market in Latin America and the Caribbean under the IDB Climate Change Evaluation. IDB RFP #14-002. Sep 2014. (with Milena Gonzalez et al.)

Negotiating Climate Change as If Development Really Mattered. Outreach, COP-19, Warsaw, 18 Nov 2013.

Jamaica Sustainable Energy Roadmap: Pathways to an Affordable, Reliable, Low-Emission Electricity System. Worldwatch Institute/International Climate Initiative, Oct 2013 (with Shakuntala Makhijani et al).

Caribbean Sustainable Energy Roadmap (C-SERMS), Phase 1. Worldwatch Institute/CARICOM/IDB, June 2013 (with Katie Auth et al).

The Way Forward for Renewable Energy in Central America. Worldwatch Institute/INCAE/AEA/CDKN, Report. June 2013 (with Adam Dolezal et al).

Nuclear Power Recovers Slightly, But Global Future Uncertain. Vital Signs, Worldwatch Institute, October 2013 (with Michelle Ray).

Communicating Sustainability. Perspektiven der Nachhaltigkeit in Politik, Wirtschaft und Gesellschaft. Boehlau-Verlag, Vienna, February 2013 (Ed., with Josef Mantl & Senator Marc Pacheco).

Einleitung/Introduction. In: Communicating Sustainability. Ibid, p. 9-12/p.13-17.

Vom Ende der Welt bis an den Anfang der Glückseligkeit: Nachhaltigkeit verstehen, nachhaltig handeln. In: Communicating Sustainability. Ibid, p. 29-44.

Renewable Energy's Natural Resource Impacts. In: State of the World 2013: Is Sustainability Still Possible? Worldwatch Institute, Washington, D.C. 2013, p.84 - 98 (with Shakuntala Makhijani).

Klimaschutz: Amerika taugt nicht mehr als Feindbild. Die Zeit, 30 Nov 2012.

More Energy for the Negotiations. Outreach, COP-18, Doha, 28 November 2012.

A New Sustainable Energy Model. In: Commonwealth Ministers Reference Book 2012, Henley Media Group, London, 2012: p. 147-149.

United States climate policy: EPA regulations as an alternative pathway to comprehensive federal action? IDDRI/Science Po. Working Papers 15/11. Paris. (with C. Serre and E. Guerin).

Länderperspektive: Die Vereinigten Staaten. In: Nina Netzer & Judith Gouverneur (Hrsg.), Zwischen Anspruch und Wirklichkeit: Internationale Perspektiven vor der Weltklimakonferenz in Durban, Friedrich Ebert Stiftung: November 2011, pp. 41-53.

Country Perspective: The United States. In: Nina Netzer & Judith Gouverneur (Eds.), Saving Tomorrow – Today? International Perspectives in the Run-Up to the UN Climate Change Conference 2011 in Durban, Friedrich Ebert Stiftung: October 2011, pp. 36-41.

Estrategia para un Sistema de Energía Sustentable: Aprovechamiento de los Recursos Eolicos y Solares de La Republica Dominicana. Worldwatch/Energy and Environment Partnership with Central America. Report. Aug. 2011 (with Xing Fu-Bertaux et al).

Roadmap to a Sustainable Electricity System: Harnessing the Dominican Republic's Domestic Energy Resources. Worldwatch/Energy and Environment Partnership with Central America. Report. July 2011 (with Xing Fu-Bertaux et al).

Active, Innovative, Dissonant – and Effective? Multi-Level Climate Policy in North America. Climate Policy, 6/2011: pp. 1386-1388.

Sustainable Energy Roadmaps: Guiding the Global Shift to Domestic Renewables. Worldwatch Report #187, Washington DC, March 2011 (with Shakuntala Makhijani).

Alternating Currents: How Global and Domestic Energy Trends will Affect the European Union, the United States, and the Transatlantic Partnership in 2020. In: Dan Hamilton & Kurt Volker (Eds.), Transatlantic 2020: A Tale of Four Futures, Washington, DC: Center for Transatlantic Relations, 2011: pp. 215-256 (with Shakuntala Makhijani).

Value of Fossil Fuel Subsidies Declines, National Bans Emerging. Vital Signs, 11 May 2011.

Green Growth in den USA: Die ideologische Spaltung steht der ökologischen Erneuerung Amerikas im Wege. Heinrich-Boell-Stiftung online. 3 May 2011.

Mapping the future: Why bidding farewell to fossil fuels is in our interests – and how it can be done. Climate Action 2010. London & Nairobi: UNEP & Sustainable Development International .

From Flop'enhagen to Can'tcun? US climate policy before the mid-term elections and the UN summit.
Bridges vol. 27, Oct 2010

Renewable Energy and Energy Efficiency in China: Current Status and Prospects for 2020.
Worldwatch Report 182, September 2010 (with Haibing Ma et al).

Glacial Melt and Ocean Warming Drive Sea Level Upward.
Vital Signs, Jul 2010 (with John Mulrow & Shakuntala Makhijani).

Implications of a Low-Carbon Energy Transition for U.S. National Security.
Worldwatch Policy Paper. April 2010.

Towards a Global Green Recovery – Supporting Green Technology Markets.
Report commissioned by the Policy Planning Staff of the German Federal Foreign Office, Berlin: Atlantic Initiative, 26 August 2009.

America's Opposite Hand: Germany's Parties Agree on the Necessity of Environmental Protection and a Green New Deal. Washington, DC: AICGS Transatlantic Perspectives, June 2009.

Auf der Suche nach neuen Verbündeten: Führungsmächte als Partner deutscher Klimapolitik.
Günther Maihold/Stefan Mair (Eds.), Kooperation Deutschlands mit Führungsmächten des Südens, Nomos, Baden-Baden: 2008.

Overcoming the Lethargy: Climate Change, Energy Security, and the Case for a Third Industrial Revolution.
AICGS policy report #34, Washington: July 2008.

European Climate Diplomacy: The Challenges and Opportunities Ahead.
European Foreign Policy Challenges, European Council on Foreign Relations, Brussels, 2008.

The Good, the Bad, and the Ugly? Europe, the United States, and China at the World Climate Conference.
FACET Commentary No. 6/2008

Editor of, and foreword for, three transatlantic climate and energy studies (all 2008):

- Felix Chr. Matthes & Lewis J. Perelman, Short-Term Solutions to the Climate and Energy Challenge, AICGS Policy Report #37.

- Bruce A. McCarl & Tobias Plieningen, Bioenergy in the United States and Germany, AICGS Policy Report #36.

- Joseph E. Aldy, Camilla Bausch & Michael Mehling, Climate Change and Energy Security: Lessons Learned, AICGS Policy Report #35.

Europa Riding the Hegemon? Transatlantic Climate Policy Relations.

Davis B. Bobrow (Ed.), Hegemony Constained: Evasion, Modification, and resistance to American Foreign Policy, University of Pittsburgh Press: Pittsburgh 2008, revised reprint of a 2005 working paper of the Matthew B. Ridgway Center for International Security Studies.

The Failures of American and European Climate Policy: International Norms, Domestic Politics, and Unachievable Commitments.

Global Environmental Politics, Vol. 7, No. 4, November 2007, pp. 149-151.

Nach Nairobi: Wie weiter in der internationalen Klimapolitik?
SWP, Berlin, 2007.

Konflikt statt Kooperation? Die transatlantischen Umweltbeziehungen.

Thomas Jäger et al (Eds.), Transatlantische Beziehungen, Wiesbaden 2005: p. 235-52 (w. Markus Schaper).

Gleneagles: Neue Chance im Kampf gegen die globale Erwärmung.

SWP, Berlin, 2005.

Wanted: Leadership.

Alex Riechel/Aldo Venturelli (Eds), Building a Foundation for Climate Policy, Loveno 2005, p. 51-62.

From Mars and Venus Down to Earth.

David Michel, Climate Policy for the 21st Century, Brookings: Washington, DC 2005: p. 35-76.

Global Governance in the Issue Area of Climate Change.

René Gradwohl & Christoph Pohlmann (Eds.), Renaissance of Transatlantic Relations – Perspectives of a New Partnership, Berlin 2004: p. 13-21.

Towards a Transatlantic Consensus on Climate Change.

Loveno di Menaggio, Italy, 2004 (w. Aldo Venturelli).

Global Governance and Climate Change.

Philipp Mueller et al (Eds.), Challenging Global Governance, Berlin 2003: p. 19-21.

Herausforderung Klimaschutz.

punkt.um 4/2003.

Sustainable Climate Protection Policies.

Ebenhausen & Berlin 2000 (with Friedemann Müller).

MEDIA CONTRIBUTIONS

Chief Editor of Re|Volt, FACET online, and OchsNews (www.alexanderochs.com)

Daily and weekly newspapers: Several articles including for Die Zeit, Sueddeutsche Zeitung, Leipziger Zeitung, Manila Times, Wiener Zeitung, Der Standard, Grist Magazine, Global Post.

TV appearances including on Voice of America (4), BBC International (2), Al Jazeera (2), People's Network Philippines (2), RT-Russian Television, Middle East Broadcasting. Weekly commentator on the US 2008 elections for DW World, Germany's public international broadcaster (Apr - Nov 2008). Freelancer for Bayerischer Rundfunk (German public television, 2001), International Documentary Film Festival Munich (1996 – 2001), Discovery Channel (1999-2000), TV program matz (MCM productions Munich, 1997-99).

Radio appearances including on Voice of America (2), Radio FM (Jamaica, 2), Jefferson Public Radio (US), Deutschlandfunk, Radio Gong (Germany), RBB (Germany).

Screenwriter & director: TV documentary „Aus den Medien – aus dem Sinn?“, premiere broadcast on 2 Nov 1998, Kabel 6.

CONFERENCE LEADS

For LEDS GP: Facilitator of energy-related workshops, plenaries and break-out sessions at global and regional platform meetings between 2012 and 2017, including in Abidjan, Cotonou, Berlin, London, Lima, Pattaya, Addis Ababa, Barcelona.

For Worldwatch: Head of UNFCCC COP-15, COP-16, COP-17, COP-18, COP-20, COP-21 as well as Rio+20 and LEDS-GP delegations; responsible for all on- and off-side events; convener and moderator of several high-level meetings, workshops, and webinars, e.g. “The Future of Utilities,” with the Transatlantic Climate Bridge, Washington, 2013; “Creating Renewable Energy Indicators,” with IRENA, Rio, 2012).

For CCAP: Lead for COP-14 including 3rd Minister's Breakfast Roundtable, side events and press conferences; convener of signature events; e.g. “GHG Mitigation Opportunities”, with EGAP/UK DFID, Santiago de Chile, 2009; German-US high-level workshop on climate and energy, Senate Foreign Relations Committee, Washington DC, 2008.

For SWP and INTACT: Convener, moderator & chair of numerous meetings in Berlin, Bonn, Brussels, Moscow, Lago di Como & Washington, DC; amongst them high-level policy workshops involving ministers, state secretaries, heads of national climate delegations, members of parliament.

Outside LEDS GP, Worldwatch, CCAP and SWP: Moderator & chair of many high-ranking policy meetings, including: The Third Industrial Revolution, High-level dialogue, AICGS and FES 2007; German Foreign Policy under the New Administration, Princeton University 2006 ; Governing the Global Commons, Tec de Monterrey 2004; How to Start a Dialogue on Energy and Climate Change with Russia? Strategy meeting with Members of the German Parliament & industry CEOs, BASF Berlin 2004.

Academic Conferences: Contributor to the annual conferences of the International Studies Association in Chicago (2007), San Diego (2006), and Honolulu (2005): chair & convener (2 panels), discussant (2), paper

presenter (5), invited speaker (1); panel organizer/contributor to other prestigious meetings including the American Political Science Association's North East convention (2005) and the Berlin Conference on the Human Dimensions of Global Environmental Change (2004).

Peer reviewer: Reviews for many leading international academic journals, including Climate Policy (2009, 2011, 2012, 2013), Global Policy (2011), International Security (2008), Cambridge Review of International Affairs (2008, 2012), Global Environmental Politics (2008, 2012), the Political Quarterly of the German Association of Political Science (2007).

CONSULTANCIES

ADB, ESMAP, Developing and developed country governments (most recently: Dominican Republic, ECREEE countries, Germany, Haiti, Jamaica, SICA countries, CARICOM, India, Philippines), selected offices of the U.S. Congress and the U.S. executive governmental branch, the German government and Bundestag, European Commission and Parliament, IDB, GIZ, Climate Action Network, Climate Youth, Deutsche Telekom, Thyssen, Adelphi, BP, BASF, The Brookings Institution, California Energy Commission, Centre for European Policy Studies, Climate Action Network, Climate Advisers, Climate Policy Centre, Ecologic, German Marshall Fund of the United States, GLOBUS/Dutch federal government, Green Pearls Consulting, International Climate Change Partnership, Italian Ministry for the Environment, PEMEX Mexico, Meridian Institute, Shell, World Wildlife Fund, Worldbank.

Last update: 25 March 2017