

DANA SMIRIN

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Profile

Strategic advisor with three decades translating complex systems challenges into actionable frameworks for decision-makers in finance, emerging technology, and the natural world, spanning forestry, agriculture, and healthcare. I operate at the intersection of policy, capital deployment, and operational reality, where regulatory shifts, technological disruption, and environmental constraints converge to reshape markets.

My expertise is in planetary health, the intersection of climate resilience and public health, and spans regenerative economics, climate risk, sustainable supply chains, and emerging regulatory landscapes. I've advised C-suite executives, governments, multinational operations, institutional investors, family offices, foundations, and technology innovators navigating disruption in agriculture, forestry, healthcare, and technology.

What I Bring to Advisory Engagements

Cross-sector pattern recognition: Deep fluency across renewable energy, conservation finance, synthetic biology, built environment, and food systems allows me to identify non-obvious parallels and anticipate second-order effects.

Systems analysis under uncertainty: Trained in systems thinking; skilled at mapping stakeholder dynamics, regulatory trajectories, and technology adoption curves in rapidly evolving domains.

Global networks and ground truth: Extensive fieldwork and relationships across Africa, Europe, and North America provide access to on-the-ground intelligence that complements desk research.

Translation capability: Proven ability to distil and synthesize technical complexity into clear strategic counsel for time-constrained executives.

I've operated across private sector, academia, trade associations, multinationals, government agencies, and NGOs, and co-founded and exited ventures. This range gives me unusual perspective on how different institutional players assess risk, allocate capital, and respond to disruption.

Domain Expertise

Agriculture & Food Systems | Nature-Based Markets & Climate Finance | ESG Regulatory Frameworks | Renewables & Efficiency | Advanced Materials & Biology | Healthcare & Integrative Medicine | Built Environment & Circular Economy

Professional Experience

Regenerative Lab — Founding Member | 2020 – Present | Global Clientele

Regenerative action-tank leveraging systems thinking. Client sectors have included mining, forestry, agriculture, energy, national governments, finance, health retail, natural products, carbon blockchain, synthetic biology, and clean tech incubator mentorship.

Path to Health Medical Clinic — Co-Founder / Operator / Owner | 2018 – Present | Cape Town, South Africa

Managed capitalization for new clinic build. Operations and technology partnership development in the EU and US. Developed and managed a research trial on 8 stress biomarkers' impact on 257 human subjects.

Strategy, Communications, Development Counsel / Advisory Board | 1997 – Present | Global Clientele

Thought partner to C-suite EU securities regulatory reporting company. EPC(f) team build and strategy development in Africa. ESG projects for a multinational mining company. Global oil operator nature-based solution/carbon partnership development. Carbon blockchain solutions.

Re-enliven.com — Creator | 2016 – Present | Digital, Global

Post-cancer treatment resource for cancer conquerors. Interviews with world leaders in integrative medicine.

University of California, Berkeley — Special Assistant to the Dean for Sustainability and New Initiatives | 2005 – 2008 | Berkeley, CA

Developed trans-disciplinary opportunities related to sustainability, clean technology, biomimicry, green chemistry, agriculture and forestry, Africa, and economics. Partner development, strategic counsel, and proxy representative nationally and internationally.

Selected Sustainability Engagements

World Food Bank — Advisor: Advisory to Founder. Introductions, strategy, and counsel.

Cleantech Group: Organization inception team to establish a market vertical attracting capital. Global deal flow scout. Partnerships, communications, and advisory.

ATSI Engineering: Core business reinvention for decarbonization in steel blast furnaces.

Shaklee Corporation: Built sustainability roadmap for supply chain and partnership introductions.

Global Footprint Network: Strategic counsel to founder. Client won Skoll Laureate during this engagement.

Fauna Flora International (UK/US/SA): Development Director. Co-designed conservation-based export business.

Federal Energy Regulatory Commission (FERC): Calculated and designed FERC energy label.

Green Mountain Energy Resources: Team recruiting, training, and managing sales teams (40+ staff).

Afristar: Director. Authored organics agricultural production and market white paper. Parliament lobbying.

U.S. Department of Energy: Marketed renewable energy materials for South African education institutes.

Big Stuff / Chute Recycling Systems: Founded commercial and multi-dwelling recycling company.

Friends of the Earth UK: Co-managed sustainability enterprises and Five City UK 2000 sustainability program.

Selected Consultancy Engagements

RegScape: Directed C-suite to integrate ESG in regulatory reporting.

AutoRegenic: Start-up team, lab-grown spinal cord. Partnership and communication.

Syringa Integrative Health: Director. Partnerships, growth, team recruitment, and operations.

Innovation Norway: Counsel for market strategy to Norwegian Trade Commissioner on clean technology.

Metaliq, Inc.: COO. Early tech data visualization for Fortune 100 clients. Sold to Microsoft.

High Technology Consortium: Managed a start-up trade association of 30+ Fortune 500 tech companies.

Bossa Nova, Acai Beverage: Start-up team. 18-month successful exit.

Selected Communications & Public Relations Engagements

Manning Selva & Lee: Strategic advisor to US President on sustainability.

Center for Energy Efficiency & Renewable Technologies (CEERT): Spokesperson. Implemented California renewable energy education program.

Center for Resource Solutions: Start-up director for "Green-e" certification program.

Education

Clark University, Worcester, MA: Bachelor of Arts — Government Environmental Studies (Major); Women's Studies (Minor) | 1992

Polytechnic of Central London, UK: School of Diplomacy | 1990

Institute of Functional Medicine: Health and Wellness Coaching Certification | 2015

PATH Method: Facilitator and Practitioner Certifications | 2017

Stanford University Graduate School of Business: Rebuild Program | 2020

Selected Internships & Fellowships

- Congressman Bruce Morrison, New Haven, Connecticut
- Congressman David Price, Washington D.C.
- McCloy Fellowship, American Council on Germany, Berlin, Germany
- Friends of the Earth, London, U.K.
- University of Cape Town, School of Medicine, Cape Town, South Africa

Volunteer & Mentor

- Earth Law Center
- Chico State — Executive Leadership Council, Center for Regenerative Agriculture
- Awakening, Nelson Mandela Coming of Age Feature
- Berkeley Energy Resource Collective (BERC)
- Soil for Life
- Solidarity Fund Team — South African Presidential Response to Covid
- B-Lab, formed into B-Corporation Inception Committee