



**EIGHTH
GENERATION
CONSULTING**



POLARIS
EcoSystems

Prof. Saxon Metzger - MBA, PMP
Founder / President
Polaris Ecosystems / Eighth Generation Consulting

Chicago, Illinois
(618) 434-5684
saxonmetzger@polariseco.com

Education and Certifications

Wilmington University, New Castle
University of Utah, Salt Lake City
Palomar College, San Marcos
Google, Palo Alto
360 Training



NABCEP

Photovoltaic



Photovoltaic

M.B.A. with an Emphasis in Sustainability
B.S. in Economics
A.A. with an Emphasis in Social and Behavioral Science
Project Manager Professional Certificate
ISO 14001: 2015 EMS Lead Auditor Certificate
OSHA 10/30 Construction + HAZWOPER 40 Certificate
NFPA 70E (2023) Standard for Electrical Safety Certificate
Associate Credential
Certified Photovoltaic System Inspector
NABCEP Certified: PV Designer, Installer, and Technical Sales

Experience

Operations, Estimation, and Project Management

Founder, President, and Chief Operating Officer of Polaris EcoSystems, a C-Corp centered on estimation and project management services for maintenance, repowering, and decommissioning of Utility Scale renewable energy sites for Fortune 500 and 100 leading asset owners, developers, and manufacturers (2024-current). Contracted work includes serving as Lead Contractor Specialist, spearheading Operations for Green Clean Solar through teaming agreements, along with similar relationships with CES and We Recycle Solar to ensure economies of scale and a cohesive breadth of experience. Previously served as Project Development Manager for NuLife Power Services, (2022-2023); Project Developer and Commercial Project Manager developing residential and commercial scale solar and storage assets while performing public speaking engagements to generate public awareness and education at StraightUp Solar, (2022-2024); As Director of Solarize Southern Illinois Group Buy Program, I acted as the primary decision maker for regional decisions involving internal and external stakeholders, including working with the non-profit board and for-profit partners as well as developed community relationships to improve solar siting experience with education and technology literacy initiatives (2021-2022).

Grant Management - Principal Investigator

Under the aegis of 8th Generation Consulting, our consulting firm based out of Tulsa, won the 2024 Community Energy Innovation Prize for an American-Made Challenge Manufacturing Ecosystem Track, managed by the Department of Energy and the National Renewables Energy Laboratory, for the project *Renewable Rebirth: Implementing Indigenous Stewardship in Solar and Storage Recycling*. Served as PI/PP on local, state, and federal grants as well as provided grant writing services on a contract basis to actively facilitate and manage teaming partnerships and overall grant application. Experience includes being a community benefit, sustainability, solar, and BESS expert with EPRI, in alignment with federal Justice40 initiatives and white paper development (2023-Present); Primary authorship of four separate grants totalling \$7.6 million in DOE FOAs for DE-FOA-0003219, DE-FOA-0003120, and DE-FOA-0003226, as well as \$10,900,000 through the Puerto Rico ER-2 program. This work has included developing and maintaining teaming partnerships with dozens of businesses, non-profits, municipalities, research institutions, MSIs, as well as tribal governments and entities.

Professor / Educator

Currently serve as a professor, teaching graduate courses in sustainable business, organizational and community development, and economics, (2023-Present). Thesis research in sustainable business around cross sector collaboration and its impact on sustainable business development (2022), noted author and presenter on sustainability, community benefit, and renewables (2021-Present). As a business owner, I am also available for media representation for other firms on behalf of

journalists, researchers, and other business professionals. My work has been cited on at least 3 continents and I continue to steward professional relationships in over a dozen countries.

Courses Taught

Marketing Analytics - Graduate Level Course - Fall 2024

Global Marketing Management - Graduate Level Course - Fall and Spring 2024, Fall 2023

Principles of Business Sustainability - Graduate Level Course - Fall 2024 and Fall 2023

Fundamentals of Economics - Undergraduate Level Course - Spring and Summer 2024

Economics II - Undergraduate Level Course - Spring 2024

Sustainable Community Development and Non-Profit Contributions

Worked to facilitate sustainable community development: meeting, partnering and working with a wide variety of community organizations such as A.C.E.S.4 Youth, Applied Research Consultants (SIU), Carbondale Community Solar Working Group, Carbondale NAACP, Climate Economy Education Inc., Concerned Citizens of Carbondale, Downstate Caucus of the Climate Table Leadership Team, Geography and Environmental Resources and many more. (2014-Present). Concluded a 5 year tenure on the City of Carbondale's Sustainability Commission as Vice Chair, facilitating municipal and regional sustainability initiatives through management of city resources to create the region's first climate baseline plan as well as comprehensive Sustainability Plan which received full approval by the City Council (2018-2022). Worked with local nonprofits to develop a sustainable food plan to establish community resilience and resolve food insecurity and sustainability issues. Managed logistics for nonprofit and for profit entities to facilitate municipal and regional events, including the largest 5k run in the Tri-State area multiple years in a row. Contributed to cross-border and regional planning while serving on the board of directors for an international nonprofit.

Publications/Presentations

Case study; *Bridging Waters: Indigenous Wisdom and Oceanic Sustainability Models for Transformative Change* at the Integrated Marine Biosphere Research conference IMBIZO 7, an endorsed activity for the United Nations Decade of Ocean Science for Sustainable Development.

Partnered with [EUCI](#) to facilitate separate [presentation](#) seminars on solar PV circularity/decommissioning and also on recycling. These seminars were certified by the International Accreditors for Continuing Education and Training (IACET) and the National Association of State Boards of Accountancy (NASBA). Presented the following topics:

- *Case Study: A Life Cycle Analysis of Decommissioned Solar in PJM Territory*
- *Solar End of Life Options: Comparing Solar Decommissioning and Repowering*
- *Do This, Not That: Critical Lessons for Future Installers to Reduce End-Of-Life*
- *It's Decommissioned, Now What? Solutions for Removed Solar PV Material*

Contributed to: CREO Syndicate, 2024. [Seizing an Unforeseen Boom: Giving U.S. Clean Energy Assets a Second Life in Latin America](#). CREO Family Office Syndicate, Inc.

Metzger, S. 2023-2024. University of Utah Lassonde Institute

- [5 Signs Your Company is Not Sustainable](#).
- [5 Tips to Bring Sustainability to your Business](#).
- [5 Ways to Write Better Grant Applications](#)

Metzger, S., Cogie, J., Heyer, S., Mcmorrow-Hunter, A., [City of Carbondale Sustainability Action Plan, Office Government Document](#), 4:21, 2022.

Metzger, S.; [Collaboratively Integrated Sustainability: Modeled Cross-Sector Collaboration as a Method to Generate Support For and Achievement of Environmental and Economic Sustainability Objectives](#), thesis project, 2022.

Metzger S., 2019 [Baseline Inventory of Government Operations Greenhouse Gas Emissions, Official City of Carbondale Document](#), 2:1, 2022.

Public Appearances

- 2024: Solar Decommissioning 101: Valuable Lessons to Avoid an Unsustainable Future, American Solar Energy Society, SOLAR 2024.
- 2024: Entrepreneurship as Environmental Justice: How to Transform Inclusive Site Selection into an Economic Powerhouse, EUCI, Environmental Justice Within Renewable Energy Development.
- 2024: Protecting Our Future: Tools for Sustainable Business to Support Equitable Workforce Development, EUCI, Environmental Justice Within Renewable Energy Development.
- 2024: Indigenous Communities and Decommissioning: Understanding the End of the Renewables Lifecycle to Optimize Siting for Tribes, EUCI, Environmental Justice Within Renewable Energy Development.
- 2023: City Council Meeting April 26, 2022, City of Carbondale, IL, “Resolution Adopting the Carbondale Sustainability Action Plan.”
- 2023: Palomar News, San Marcos, CA. “[Alumnus Credits Palomar College for his Success](#)”
- 2023: Schmid, M. “[Solar End-of-Life Special Projects: An Interview with NuLife Power](#)”
- 2023: Matern, M., Metzger, S. *A Climate Change*. “[Saxon Metzger: Solar Project Development Manager of NuLife Power Services.](#)”
- 2023: Lyderson, K. *Energy News Network*, “[Illinois Wants to Keep Old Solar Panels From Piling up in Landfills.](#)”
- 2022: Lyderson, K. *Energy News Network*. “[In Southern Illinois There’s Growing Faith that Clean Energy Transition Will Pick Up.](#)”
- 2022: Seabaugh, J. *KFVS 12*. “[Carbondale Recognized as a Leader in Climate Planning](#)”
- 2021: Briane, J. *WSIL*. [Local expert weighs in on push for more solar power](#)
- 2021: Gaston, J. *The Daily Egyptian*. [Carbondale Community Resilience Fair introduces environmental changes to the community](#)

Awards and Honors

- 2024: Community Energy Innovation Prize from the DoE and NREL with their American-Made Challenge Manufacturing Ecosystem Track, for the project: *Renewable Rebirth: Implementing Indigenous Stewardship in Solar and Storage Recycling*.
- 2024: Invited to present 7 different accredited presentations for 2024, including with EUCI, the American Solar Energy Society, and at the United Nations Decade of Ocean Science for Sustainable Development IMBIZO 7.
- 2024: Published in Native Forward for an article on legal and cultural developments for indigenous higher education.
- 2023-Current: Serve as a mentor for indigenous students through the American Indian Science and Engineering Society.
- 2023: Named 30 Under 30 in Energy by NextEra for contributions to work in solar photovoltaic power generation and end of life considerations in solar PV and energy storage.
- 2022: Received honors for my work as Primary Author of the City of Carbondale’s Sustainability Plan through international recognition from the United Nations at the 2022 Biodiversity COP 15.

2022: Awarded the Les Nelson Award by the North American Board of Certified Energy Practitioners (NABCEP) for leadership in sustainability and the renewables industry

2022: Thanked by the City of Carbondale for my Primary Author and Vice Chair roles writing the city's Sustainability Plan. Also recognized by the City of Carbondale for managing the city's participation in the ICLEI international Cohort of Cities.

2021: Awarded Graduate Student of the Year by Native Forward for my studies in the Master's program at Wilmington University.

2021: Awarded Graduate Student of the Block by Wilmington University

2019: My work on sustainability planning for nonprofit and for-profit institutions in Illinois was honored with a Greenspot award for my contributions.

2014-2019: Earned public commendation for successfully completing numerous local and state grant initiatives as a sustainable and community development consultant and project administrator.

2014: Accepted the prestigious Chancellor's Scholarship for my undergraduate education, the highest honor available from the institution. Dean's List for all semesters of attendance by the University of Utah.

2013: Awarded the Marc Ouimet Service Award for public service and my teaching and organizational functions as Assistant Director of the Palomar College Speech and Debate Team at 17

2012: Awarded Debater of the Year by Palomar College at 16, in recognition of my achievements as the youngest national champion in Lincoln-Douglas and Parliamentary style debate.

2011: Awarded Platformer of the year by Palomar College at 15, after several state and national wins as the youngest public speaker successfully competing in the collegiate forensics circuit.