

# VINAYA ACHAREKAR

vinaya.acharekar@berkeley.edu ◇ (+1) 404-428-3176 ◇ Berkeley, CA

## EDUCATION

University of California, Berkeley, Goldman School of Public Policy

Berkeley, CA

Master of Development Practice (MDP), Minor in Sustainable Business

May 2025

Indira Gandhi National Open University

Bangalore, India

Master's in Social Work (MSW), School of Social Work

July 2018 - Dec 2021

Manipal Institute of Technology

Manipal, India

Bachelor of Technology (B. Tech), Department of Aeronautical Engineering

July 2011 - May 2015

## SKILLS AND EXPERTISE

Technical Skills	Data Analysis (R, Tableau, Excel), GHG Accounting & Reporting (CDP, CSRD)
Analytical Skills	Carbon Markets Analysis, Policy Research, ESG Reporting, Strategic Planning
Interpersonal Skills	Leadership, Stakeholder Engagement, Agile (Kanban), Climate Risk Assessments

## PROFESSIONAL EXPERIENCE

India Energy & Climate Center (IECC), Berkeley, CA

Jan 2025 - Present

Graduate Consultant – Policy & Sustainability Accounting - Sustainable Aviation Fuel (SAF)

- Conducting **techno-economic analysis** of SAF in India, evaluating **investment feasibility** and policy incentives.
- Led SAF cost-benefit analysis, showing India's **33% lower production costs** vs.U.S.,creating investment opportunities.
- Developing policy frameworks **assessing Scope 1, 2, and 3 emissions** reduction strategies to align with climate targets.

Kraken Technologies, Berkeley, CA

Jun 2024 - Dec 2024

Regulatory and Policy Intern

- Developed internal database of **200+ PUC** precedents, streamlining regulatory analysis and improving business expansion.
- Conducted regulatory research on energy market policies across **10+ U.S states**, enhancing Kraken's strategic positioning.
- Supported **competitive analysis** of Kraken's Infracore product, identifying market entry strategies and pricing models.

AgriSolar, Berkeley, CA

Jun 2024 - Present

Co-founder and Chief Sustainability Officer

- Developed **solar-powered irrigation** model for farmers, integrating **climate finance** & revenue-sharing for affordability.
- Deployed **6 solar water pumps**, providing reliable irrigation and **reducing farmers' dependence on diesel systems**.
- Conducted **market research, stakeholder engagement**, and business modeling across six rural regions in Nigeria.
- Secured **\$20K in funding** and designed investment strategies to expand clean energy access & decarbonization initiatives.

Darfur Women Network, Indianapolis, IN (Remote)

Apr 2021 - Aug 2023

Development Director

- Launched **climate resilience** programs, implementing waste reduction and resource optimization to improve sustainability.
- Secured **\$100K+ in funding**, expanding circular economy initiatives and increasing program outreach.
- Led and managed a team of **20+ volunteers**, enhancing community engagement and program impact.

Tata Consultancy Services, Bangalore, India

Sep 2015 - Apr 2021

Technical Writer and CSR Coordinator: Rolls-Royce Control Systems Project

- Authored engineering documentation for aircraft engines, ensuring **compliance with aviation safety regulations**.
- Managed **8-member** team, implementing agile methodologies to streamline workflows, **reducing** processing time by **20%**.
- Spearheaded **CSR initiatives**, integrating GHG reduction and **ESG strategies** to align with corporate climate goals.

## CLIENT PROJECTS

Intuit - California Green Business Network

Aug 2024 - Dec 2024

- Analyzed climate policy landscapes in Illinois and Nevada, **identifying regulatory gaps** and opportunities for expansion.
- Developed scalable **ESG reporting** framework, integrating small business success stories to enhance engagement strategies.

General Motors - ZEROgrid Initiative

Jan 2024 - May 2024

- Designed carbon accounting & sustainability framework, ensuring alignment with climate regulations & industry standards.
- Assessed **renewable energy impact and adoption**, delivering policy recommendations for net-zero strategies.

## FELLOWSHIPS

- **Climatebase Fellow:** Researched GHG accounting, carbon offsets, ESG frameworks, net-zero strategies, and renewable energy procurement, aligning with industry best practices and compliance.
- **IDEX Accelerator:** Designed business models for social enterprises, integrating impact measurement and sustainability.