

Team bios

Paul Needham

CEO

Paul is a multi-time company founder and CEO, with three exits. Prior to taking the helm at Arca, he built an 850-person rural rooftop solar leasing company in India. He also serves as a board member and senior advisor in the environmental markets sector. He loves rocks, both carbonating them and stacking them.

[LinkedIn – Paul Needham](#)

Peter Scheuermann

Head of Technology, Co-founder

Peter is driven by using science to solve problems, to apply his expertise in novel and applied ways. He holds a doctorate in aqueous geochemistry and is an expert in the chemical reactions between minerals, gases and fluids. He now uses his expertise to lead our technology R+D in perhaps one of the most useful fields of our time. When not in the office, he excels at bear and moose spotting.

[LinkedIn – Peter Scheuermann](#)

Greg Dipple

Head of Science, Co-founder

Greg is the global leader in the field of carbon capture in mine tailings. A professor at the University of British Columbia, he studies the processes of and the driving forces for mineral-fluid reactions, including those that modulate long-term climate through chemical



weathering. He has worked extensively with the mining industry, building long-term relationships through his expertise and dad jokes (we assume).

[LinkedIn - Greg Dipple](#)

Bethany Ladd

Head of Operations, Co-founder

Bethany is a master of many trades and a professional multi-tasker. With a bachelor's in geology-biology and a masters in hydrogeology, she shifted from a traditional academic path to use her expertise to run applied, interdisciplinary research projects. She now leads the company's technical and commercial operations, often booking herself in for field work shifts when she's tired of the office.

[LinkedIn - Bethany Ladd](#)

Sean Lowrie

Head of Public Affairs

Sean came to the Arca team from the humanitarian aid sector, where he previously mobilized \$400M as the CEO/Director of the Start Network. From the front lines of aid work to disrupting the status quo of humanitarian aid systems, Sean now embarks on creating change through carbon removal as our lead in public policy and strategic partnerships. His favorite mantra: optimism is a choice.

[LinkedIn - Sean Lowrie](#)