



CAPABILITY STATEMENT

Environmental Wisdom

Solutions for a Healthy & Regenerative Planet

At Environmental Wisdom, we are dedicated to providing comprehensive solutions for industrial resource management while promoting wisdom in environmental and emission management. Based in Perth, Western Australia, we focus on sustainable services that contribute to a healthier planet.

Mission: To serve our clients with transparency, respect, and professionalism.

Vision: To be the solution provider for a healthy and regenerative planet.

Values: Deliver services with ethics, equity, integrity, inclusivity, and adaptability.

About Us:

Environmental Wisdom is an Engineering Consulting firm based in Perth, Western Australia. Our founder, Dr. Biji Kurup, brings over 25 years of experience as a principal consultant of Water & Sustainability at Environmental Engineers International Pty Ltd (EEI). EEI is a multi-award-winning, specialist company that prioritizes providing the most appropriate and sustainable solutions for its clients.

Founder and the Team Experience:

Dr. Biji Kurup's expertise extends from her work in the government sector as a senior engineer at Water Corporation and the Department of Health. She has also made significant contributions to her field, having published numerous peer-reviewed conference and journal articles in industrial symbiosis and sustainability. Dr. Kurup is a proud member of the International Society for Industrial Ecology for over 19 years and holds the position of Senior Lecturer in the College of Science, Technology, Engineering, and Mathematics, Discipline of Engineering and Energy at Murdoch University, Perth, Australia.

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www.environmentalwisdom.com.au

Mathilde Vlieg

Mathilde is a recognized LCA developer for 3rd party certified ecolabels and EPDs. Having a background in Industrial Design and Industrial Ecology and experience in LCA coaching, research, and green certification, her ambitions are to support the creation of sustainable opportunities for people and companies. As an Evah Associate, she was involved in the development of Life Cycle Benefit Assessment and the OzLCI and Evah databases.

Nithin Cherian

With a decade of expertise in project design, engineering, management, operations, and clean energy consultancy, Nithin specializes in enabling organizations to achieve their low-carbon energy vision. He offers scalable, viable, and feasible low-carbon intensive energy procurement and deployment of renewable energy assets, backed by evidence-based scenario analysis, data analytics, and effective route-to-market strategies. Spanning multi-disciplinary sectors such as aviation, sustainable agriculture, and renewable energy technologies, his expertise encompasses proliferating and advocating for centralized and decentralized end-use applications of clean energy systems.

Our Services

Engineering Consultancy: We provide consultancy services to companies on resource management, industrial symbiosis, circular economy, and carbon emission reduction and management.

Academic Supervision: We offer academic supervision for Masters and PhD students in Environmental Engineering, Industrial Ecology and Sustainability, and Circular Economy.

Clients We've Worked With:

We have had the privilege of working with many esteemed clients, including but not limited to:

- Kwinana Industries Council
- Airbridge Australia
- The Evah Institute

Environmental Wisdom focuses on the below specifically:

Environmental Impact Assessment:

We specialise in conducting Life Cycle Assessments (LCA) to evaluate the environmental impact of products, services, or processes across their entire life cycle. Our assessments consider factors like energy usage, emissions, and resource consumption, helping clients make informed decisions to reduce their environmental footprint.

Carbon Emissions Analysis:

We offer expertise in analysing and reducing carbon intensity, which measures the amount of carbon dioxide emissions per unit of economic or energy output. Our solutions help clients minimize their carbon footprint, contributing to sustainability and environmental goals.

Nature Positivity: We emphasize the benefits of biodiversity, water conservation, and carbon capture to create a positive impact on the environment.

Industrial Symbiosis (IS): We specialize in mapping and sustainability assessments of industrial symbioses, promoting regenerative practices.

Circular Economy (CE): Our circular economy practices are tailored to the resource industry, promoting sustainable and efficient resource use.

Net Zero and Net Positive Carbon: We conduct in-depth analysis and assessments for carbon sequestration from products, systems, and infrastructure, contributing to net-zero and net-positive carbon goals.

At Environmental Wisdom, our mission is to provide innovative and sustainable solutions that benefit both your business and the planet. We believe in a brighter, regenerative future, and we're here to help you achieve it.

For inquiries and collaborations, please contact us at



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