

Professional Services Summary



Abbas Tamadon, Director

ABOUT FUNCTIONAL UNIT

Functional Unit Ltd is a trusted provider of life cycle assessment and circular economy solutions, helping businesses navigate sustainability with confidence. With over 6 years of experience, we specialize in delivering high-impact Life Cycle Assessments (LCA), Environmental Product Declarations (EPDs), and Product Carbon Footprints across a wide range of sectors—including construction, manufacturing, energy, food, and agriculture. Our work is grounded in internationally recognized standards and best practices, ensuring transparency, consistency, and credibility in environmental reporting. In addition to developing LCA studies, we provide strategic guidance on Circular Economy principles, Health Product Declarations (HPDs), and custom footprinting tools tailored to specific product or sector needs.

Led by Abbas Tamadon, a seasoned LCA practitioner and member of both ALCAS (Australia) and LCA NZ (New Zealand), we are committed to advancing sustainability through robust data, sound methodology, and real-world impact. Whether through the development of LCA methodology guidelines, support with certification schemes, or the integration of sustainability into product design, our mission is to drive positive environmental transformation and help organizations become leaders in the circular economy.

Core Services Offered

- Life Cycle Assessment (LCA): Comprehensive LCA studies following ISO 14040/44 to assess the environmental impacts of products, services, or systems.
- Environmental Product Declarations (EPD): Development and third-party verified EPDs for building products and materials in alignment with EN 15804 and ISO 14025.
- Product Carbon Footprint: Quantification and communication of GHG emissions using GHG Protocol.
- Product Standard and ISO 14067.
- Circular Economy Strategy: Guidance for embedding circularity into product design, business models, and supply chains.
- Health Product Declarations (HPD): Documentation of material health impacts for sustainable building certifications (e.g., LEED, WELL).
- LCA Methodology Development: Creation of sector-specific guidelines and footprinting specifications for industries and organizations.