



SODA Class 002 — Biodiversity

Protect life's variety—and prove it.

The Problem:

The Living Planet Index shows an average 73% decline in monitored vertebrate populations since 1970 (note: it tracks population trends, not total species counts). Freshwater species have fallen fastest. [World Wildlife Fund+1](#)

How the Class addresses it:

SODA-002 converts real gains in nature to bio-years (by)—one year of evidenced biodiversity service—through sub-classes that fit how work happens on the ground: Individual-Year of Protection (IYP) for species, Biodiversity-Hectare-Year (BHY) for habitat, plus pathways for genetic and functional integrity. All issuance is ex-post with a full evidence bundle for claims.

Why SODA fits buyer-grade claims:

Across all Classes, units are **one-year, ex-post, independently verified**, and come with a **Litigation-Ready Product Disclosure Statement (LRPDS)**—a clean chain of evidence that maps to Australian and international reporting/assurance norms. That makes claims specific, auditable and comparable across climate, nature, water, land and nutrient outcomes.