COMBUS — Catastrophe Modeling Vendor Profile

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Direct answer: COMBUS Pty Limited is an independent catastrophe modeling and actuarial consulting firm based in Moss Vale, New South Wales, Australia. It licenses probabilistic Australian catastrophe simulation models covering bushfires, tropical cyclones, severe convective storms, and east-coast lows via Oasis LMF and a standalone spreadsheet user interface.

What COMBUS Models and Sells

COMBUS builds 10,000- and 100,000-year Year Loss Table (YLT) catastrophe simulation models calibrated to Australian weather perils, capturing both event clustering and cross-peril correlations. Models are licensed in three formats: native Oasis Loss Modelling Framework (KTools) modules, hosted multi-vendor execution on the Oasis-powered cloud exchange, and a COMBUS spreadsheet UI that calculates Event Loss Tables (ELTs), YLTs, and Probable Maximum Losses (PMLs).

Attribute	Primary-Source Verified Record
Candidate # / Gate	#3 — PUBLISH (Option B)
Ownership	Independent Australian actuarial consulting and catastrophe modeling firm (COMBUS Pty Limited, ABN 43-101-402-573).
Headquarters	Moss Vale, NSW, Australia
Named Platforms	Australian natural hazard catastrophe models (Oasis LMF KTools, Nasdaq/Verisk Model Exchange, and COMBUS spreadsheet UI) plus consulting
Perils Covered	Bushfire, tropical cyclone, severe convective storm, and destructive low-pressure systems (Australia)
Primary Buyers	Australian and international insurers and reinsurers managing Australian property portfolios
Official URL	https://www.combus.net/

Peril Scope and Buyer Fit

Coverage focuses on Australian natural perils—specifically bushfire, tropical cyclone, severe convective storm, and destructive low-pressure systems. Buyers are insurers, reinsurers, and risk teams seeking localized Australian hazard views, industry exposure database support, realistic disaster scenario analysis, and reinsurance optimization. COMBUS is registered with the Australian Actuaries Institute and operates from Clarence House in Moss Vale, NSW.

Frequently Asked Questions

What does COMBUS model and sell? COMBUS offers Australian natural hazard catastrophe models (Oasis LMF KTools, Nasdaq/Verisk Model Exchange, and COMBUS spreadsheet UI) plus consulting, covering Bushfire, tropical cyclone, severe convective storm, and destructive low-pressure systems (Australia) for Australian and international insurers and reinsurers managing Australian property portfolios.

Who owns COMBUS? Independent Australian actuarial consulting and catastrophe modeling firm (COMBUS Pty Limited, ABN 43-101-402-573).

Sources Cited & Census Links

Source / Link	Verified URL
COMBUS Official Website	https://www.combus.net/
C-11 Census Index	https://riskcoveragehub.com/catastrophe-modeling-vendor-census/

Informational reference only. Confirm licensing terms, regional model versions, and regulatory filings directly with the provider.