RED Risk Engineering + Development — Catastrophe Modeling Vendor Profile

Published November 21, 2026 · Risk Coverage Hub (riskcoveragehub.com) · Informational reference only; zero vendor rankings.

PARENT OWNERSHIP BADGE (KatRisk / Technosylva): A KatRisk / Technosylva company — acquired on April 6, 2026 by KatRisk (itself a subsidiary of Technosylva since November 2024).

Direct answer: RED (Risk, Engineering + Development) is a Pavia, Italy-based catastrophe modeling and engineering firm acquired by KatRisk (a Technosylva company) in April 2026. Known for its Pan European Probabilistic Earthquake Model, RED develops seismic, flood, landslide, and weather catastrophe models for insurers and infrastructure portfolios.

What RED Risk Engineering + Development Models and Sells

RED licenses catastrophe loss estimation models—highlighted by its Pan European Probabilistic Earthquake Model—and delivers hazard analysis, structural vulnerability modeling, exposure dataset construction, and parametric trigger consulting across Europe, the Americas, Africa, and Asia. Under the April 2026 acquisition, RED's seismic and landslide models are being integrated into KatRisk's SpatialKat platform.

Attribute	Primary-Source Verified Record
Candidate # / Gate	#12 — PUBLISH (Option B)
Ownership	Subsidiary of KatRisk / Technosylva (acquired April 6, 2026).
Headquarters	Pavia, Italy
Named Platforms	Pan European Probabilistic Earthquake Model, seismic and flood catastrophe loss models, Oasis/SpatialKat integrations, and specialized risk engineering consulting
Perils Covered	Earthquake (ground shaking and soil failure), fluvial/pluvial/coastal flood, excess rain, drought, tropical cyclone, and tsunami
Primary Buyers	Insurers, reinsurers, parametric insurance programs, engineering/infrastructure owners, and multilateral risk projects
Official URL	https://www.redrisk.com/

Peril Scope and Buyer Fit

Modeled hazards include earthquake (ground shaking and secondary geotechnical failure), fluvial/pluvial/coastal flooding, excess rain, drought, tropical cyclones, tornadoes, hail, and tsunami across buildings, crops, and utility networks. Primary buyers include European and global re/insurers, parametric underwriters, and infrastructure operators. RED's headquarters is at Via G. Frank 38, Pavia, Italy.

Frequently Asked Questions

What does RED Risk Engineering + Development model and sell? RED Risk Engineering + Development offers Pan European Probabilistic Earthquake Model, seismic and flood catastrophe loss models, Oasis/SpatialKat integrations, and specialized risk engineering consulting, covering Earthquake (ground shaking and soil failure), fluvial/pluvial/coastal flood, excess rain, drought, tropical cyclone, and tsunami for Insurers, reinsurers, parametric insurance programs, engineering/infrastructure owners, and multilateral risk projects.

Who owns RED Risk Engineering + Development? A KatRisk / Technosylva company — acquired on April 6, 2026 by KatRisk (itself a subsidiary of Technosylva since November 2024).

Sources Cited & Census Links

Source / Link	Verified URL
RED Risk Engineering + Development Official Site	https://www.redrisk.com/
RED Company Profile	https://www.redrisk.com/redeng/AboutUs/profile.php
RED Office Location (Pavia)	https://www.redrisk.com/redeng/AboutUs/location.php
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.