

Before Committing Capital: An Independent Uncertainty Review for High-Impact CAPEX Decisions



Independent uncertainty and sensitivity analysis to test decision robustness before irreversible capital allocation.

SCOPE 360

2026

Independent Uncertainty Review – SCOPE360

DECISIONAL FRAMEWORK

High-impact CAPEX decisions are often irreversible. In these contexts, the cost of error is asymmetric: downside losses materially exceed potential upside gains, while many risks only become visible once capital is committed.

Conventional evaluations rely on essential indicators such as NPV, IRR, WACC or payback period, typically assessed under base-case assumptions and point estimates. While these metrics are necessary, they are insufficient to test how the decision behaves when assumptions fail or where downside risk concentrates.

SCOPE360 delivers independent uncertainty and sensitivity reviews to test decision robustness under adverse and non-obvious scenarios. Typically commissioned by CFOs, finance teams or investment committees prior to final capital approval. This review is intended to support internal investment committees and capital allocation decisions.

Scope360 operates under a strict independence mandate and does not provide:

- Strategic advisory or business planning
- Validation of a preferred outcome
- Financial promotion or deal advocacy

Its sole purpose is to reduce decision risk before irreversible capital allocation.

Table 1. Conventional CAPEX evaluation vs. uncertainty-based review.

Evaluation focus	Typical CAPEX review	SCOPE360 review
Assumptions	Fixed	Tested
Uncertainty	Implicit	Explicit
Downside risk	Understated	Quantified
Decision robustness	Assumed	Evaluated

MINIMUM ANALYTICAL SCOPE

Table 2. Analytical scope.

PHASE	PURPOSE	RISK NOT ADDRESSED IF SKIPPED	TIME
Phase 1 – Analysis Feasibility Check (mandatory)	Determine whether the decision can be meaningfully analysed with the available data and whether it withstands basic uncertainty stress-testing (Go / No-Go).	Capital may be committed to a decision that appears viable but fails once uncertainty is made explicit.	3–7 days
Phase 2 – Sensitivity & Uncertainty Analysis (core)	Assess where downside concentrates, which assumptions drive risk, and how exposed the decision is.	Downside exposure remains unquantified, leaving value-destructive scenarios unmanaged.	~1 week

DELIVERABLES INCLUDED

Phase 1 – Analysis Feasibility Check

- Go / No-Go assessment
- Definition of feasible analytical scope
- Key data limitations and gaps

Phase 2 - Sensitivity & Uncertainty Analysis

- Sensitivity and uncertainty results
- Identification of critical drivers and breakpoints
- Written summary of findings and implications
- Decision-relevant implications and risk drivers.

DECISION REINFORCEMENT (on request)

Executive decision memo translating analytical results into decision-relevant implications.
 Timeline: 3–5 business days.

Engagement criteria:

- A concrete, irreversible capital decision exists.
- A clearly identifiable capital decision-maker or committee exists.
- The decision entails asymmetric downside risk with material impact on enterprise value or capital allocation.