



FOR IMPROVED INVESTMENT DECISION

Valuation Risk Decision

IN PROCESS INDUSTRY PROJECTS

Case study: Ferro Nickel (FeNi) smelter plant project



Book coverage:

- Deterministic to probabilistic modeling
- Conventional DCF to modern Real Options
- Static to dynamic forward pricing model
- Decision option to invest now or later

120 Pages/Hardcover/Oct 2021

KEY FEATURES

- Includes free version of SIPmath simulation Tools™
- includes Excel® spreadsheets (detailed cash flows and calculations) of all the examples
- assess the external risk of investing through easy-to-understand probabilistic analysis
- Analyze decision option whether to invest now or later
- Applied modern valuation techniques for improved investment decision

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A practitioner in project economics for more than 20 years

MARKETING INFO:

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www.explorerealoptions.id

TECHNIQUE

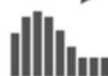
Conventional NPV technique assume cash flow uncertainty is growing over the life of the project.

Modern NPV approach can differentiate between projects based on unique project risk characteristics.

Real Options arise from the ability to delay and revise investment and operating decisions over time as uncertainty is resolved



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MODELING

Deterministic

Static model
Scenario model
Sensitivity model

Probabilistic

Monte Carlo Simulation
Forward Pricing Model
Dynamic DCF vs RO

Decision Option

Optimum price to invest now or later

