

■ CALCULATION HISTORY REPORT

Complete History of All Calculations

Generated: 2025-09-19 23:49:55

Total Calculations: 1

1. Calculation #1

Property	Value
Calculation Type	Investment Appraisal
Date/Time	2025-09-19 18:49:36
Status	History Only
ID	1

■ Input Parameters

Parameter	Value
Initial Investment	46,152.00
Discount Rate	55
Salvage Value	45,245.00
Cash Flows	[45524452.0, 542.0, 5424.0, 542.0, 45697.0]

■ Results

Result	Value
NPV	€29,331,345.99
IRR	98540.26%
Payback Period	0.00 years
Profitability Index	636.538
Recommendation	ACCEPT - Positive NPV indicates value creation

■ Calculation Steps

NPV:

NPV Calculation:

Step 1: Initial Investment = -46,152.00

Step 2: Year 1 PV = $45,524,452.00 \div (1 + 55.0\%)^1 = 29,370,614.19$

Step 3: Year 2 PV = $542.00 \div (1 + 55.0\%)^2 = 225.60$

Step 4: Year 3 PV = $5,424.00 \div (1 + 55.0\%)^3 = 1,456.55$

Step 5: Year 4 PV = $542.00 \div (1 + 55.0\%)^4 = 93.90$

Step 6: Year 5 PV = $45,697.00 \div (1 + 55.0\%)^5 = 5,107.74$

Step 7: NPV = 29,331,345.99

IRR:

IRR Calculation:

Using iterative method to find rate where NPV = 0

IRR = 98540.26%

Payback Period:

Payback Period Calculation:

Year 1: Cumulative CF = 45,524,452.00

Payback Period = 0.00 years

Profitability Index:

Profitability Index = PV of Cash Flows \div Initial Investment

= $29,377,497.99 \div 46,152.00 = 636.538$

Recommendation:

Decision based on NPV:

NPV = 29,331,345.99

ACCEPT - Positive NPV indicates value creation