

Summary

The implementation of the new **SuperPump-X** pump system for **Project X** demonstrates exceptional financial performance compared to the current pump infrastructure. The **SuperPump-X** delivers compelling economic advantages. Total Savings over **10** years will be **€143,500**. This represents a robust **345.8%** return on investment. The initial investment will be recovered in **1**.

Key Findings

+9%

for Pump Efficiency Differences.

€3000

for saving Annual Energy Cost.

+240

hours for differences of MTBF.

-8

hours, annual downtime differences.

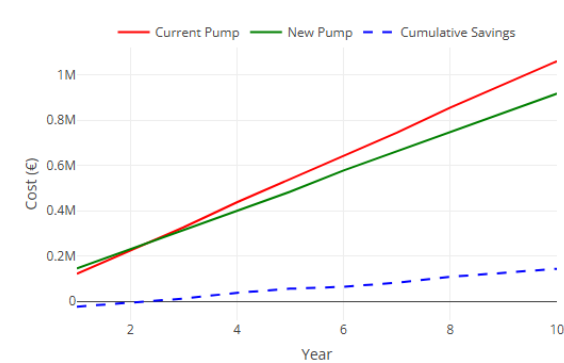
-7dB

for Noise differences.

+3years

for Warranty period differences.

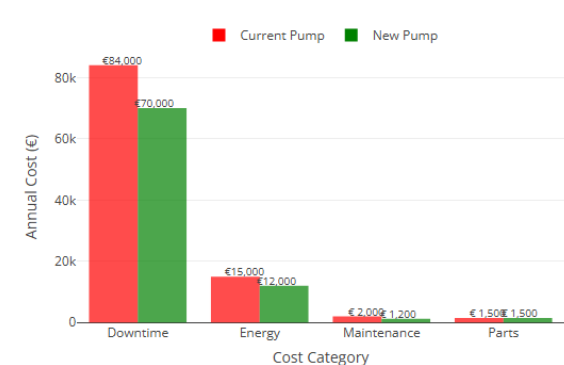
Cumulative Cost Comparison



Metrics Comparisons

Metric	Current	New	Improvement
Efficiency (%)	85	94	+ 9 %
Annual Energy Cost (€)	15,000	12,000	€ 3000
MTBF (Hours)	8,760	9,000	+ 240
Downtime (Hours/Year)	48	40	- 8
Noise Level (dB)	75	68	- 7 dB
Warranty (Years)	2	5	+ 3 years

Annual Operating Cost Breakdown



Motor Efficiency Comparison

