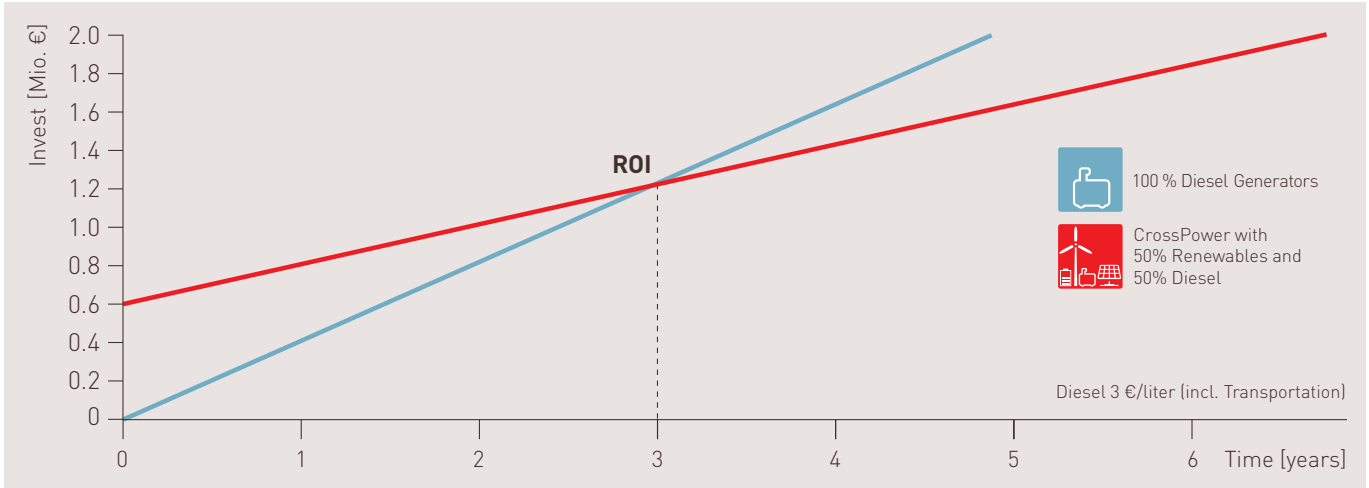
PFISTERER



CrossPower:
Return on Invest after 3 years

100% Diesel Generators vs. CrossPower with 50% Renewables and 50% Diesel

COST COMPARISON

100% Diesel Generators vs. CrossPower with 50% Renewables and 50% Diesel

Diesel Generators producing 75 kW	
Running 15 hrs/day Running 7.5 hrs/day	75 kW * 15 h = 1125 kWh 75 kW * 7.5 h = 562.5 kWh
1l Diesel produces 3 kWh[1]	1l = 3 kWh
Renewables produces 562.5 kWh	
Daily requirments of Diesel	1125 kWh / 3 kWh » 375l 562.5 kWh / 3 kWh » 187.5l
At 3 € per liter (low assumption)	375 l * 3 €/l = 1,125.00 € 187.5 l * 3 €/l = 562.00 €

Reduced service costs have not been taken into account.

[1] with an efficiency factor of 30%