



Distance
+ Time
+ Logistic
= Cost



Your annual potential saving with a mobile scales vis-à-vis an in-house vehicle scale:

Example calculation:

				Cost per Year	
Number of weight measurements per month:		A	200		
Total distance travelled to and from the scales:	km	B	5		
Processing and waiting time at the scales:	min	C	5		
Costs for recalibration (fees, calibration vehicle, weights) every 3 years	€	D	1.350,00	1	450,00
Lorry costs (including driver) per km:	€	E	1,25	2	15.000,00
Lorry costs (including driver) per hour:	€	F	50,00	3	10.000,00
Additional potential costs due to lorries which are not filled to capacity or filled beyond their capacity (reloading, multiple weight measurements, multiple journeys, repairs, fines)	€	G	150,00	4	1.800,00
Depreciation of weighbridges per year:	€			H	2.750,00
Personnel costs for the scales operators per year:	€			I	12.500,00
Maintenance costs of the vehicle scale for repairs and similar items per year:	€			J	1.000,00
Potential savings	€			5	43.500,00
$1 = \frac{D}{3}$ $2 = A \times B \times E \times 12$ $3 = \frac{A \times C \times F}{60} \times 12$ $4 = G \times 12$ $5 = 1 + 2 + 3 + 4 + H + I + J$					

Example calculation:

				Cost per Year	
Number of weight measurements per month:		A			
Total distance travelled to and from the scales:	km	B			
Processing and waiting time at the scales:	min	C			
Costs for recalibration (fees, calibration vehicle, weights) every 3 years	€	D		1	
Lorry costs (including driver) per km:	€	E		2	
Lorry costs (including driver) per hour:	€	F		3	
Additional potential costs due to lorries which are not filled to capacity or filled beyond their capacity (reloading, multiple weight measurements, multiple journeys, repairs, fines)	€	G		4	
Depreciation of weighbridges per year:	€			H	
Personnel costs for the scales operators per year:	€			I	
Maintenance costs of the vehicle scale for repairs and similar items per year:	€			J	
Potential savings	€			5	
$1 = \frac{D}{3}$ $2 = A \times B \times E \times 12$ $3 = \frac{A \times C \times F}{60} \times 12$ $4 = G \times 12$ $5 = 1 + 2 + 3 + 4 + H + I + J$					