

Bernard Reysset - CILSS

Garden 100 M²
 Water use: 1 M³/day

WATER PRICE

	M ³	M ³	Basic Cost	VAT	Fee for water treatment		Price all included
						VAT	
Cost of water	0 <	6	188 CFA	0	21	18%	212,78
	6 <	30	393 CFA	0	21	18%	417,78
	30 <	50	1040 CFA	0	21	18%	1064,78
	50 >		1040 CFA	18%	21	18%	1251,98
charges			1000 CFA	18%			1180,00

Average use of water in Brussels 130 l/person/day
 Extra use for showers/handwashing 70 l/person/day
 Number of persons/Household 1
 Extra use for house personnel 100 l/day
 Average days/month 30
 Average monthly use for household & personal needs: 9 m³/month

Potential Water savings 50%
 Average water use/month 30 15 m³/Month

Cost of TerraCottem (kg) 6264,389
 EUR/CFA 655,957
 Garden construction 200 CFA/m²

Simulation Monthly water invoice

	Before TC	After TC	Water price
Average Use	39 m ³	24	
	CFA/m ³	CFA/m ³	CFA/m ³
First slice 0-6 m ³	6 1277	6 1277	212,78
Second slice 6-30 m ³	24 10027	18 7520	417,78
Thirth slice 30-50 m ³	9 9583	0 0	1064,78
Over 50 m ³	0 0	0 0	1251,98
Charges	1 1180	1 1180	1180,00
	22066	9977	

Potential savings per month 12090 CFA

	TC		CFA
Investment	10 kg		62.644
Cost of manpower	100 m ²		20.000
Total Cost			82.644
Pay-back time in months			7