



Carbon Optioneering Summary





Stage	Option 1	Option 2	Option 3	Option 4	Option 5	(All values are tonnes of CO2e)
Capital carbon	514,935	530,611	605,164	0	0	
Operational carbon	5,819,146	6,029,795	7,034,986	0	0	
Replacement carbon	67,212	65,003	78,014	0	0	
Refurbishment carbon	17,772	15,679	21,076	0	0	
Demolition carbon	15,641	14,335	18,567	0	0	
Residual carbon	-69,124	-70,000	-78,942	0	0	
Whole Life carbon	6,381,220	6,599,757	7,697,432	0	0	

Group All Show All				Capital - Materials (tonnes	Capital - Transport (tonnes	Capital - Installation (tonnes	Operational - Use (tonnes	Operational - Maintenance (tonnes	Operational - Repair (tonnes	Operational - Energy (tonnes	Replacement - Materials (tonnes	Replacement - Transport (tonnes	Replacement - Installation (tonnes	Refurbishmen t (tonnes	Demolition (tonnes CO2e)	Residual (tonnes CO2e)	Whole Life Carbon (tonnes
Option 1				199,578	107,525	207,832	36,035	5,339,085	275	443,751	23,192	14,748	29,272	17,772	15,641	-69,124	6,381,220
Add Row																	
Asset	Asset Description	Asset Unit	Asset	Capital - Materials	Capital - Transport	Capital - Installation	Operational - Use	Operational - Maintenance	Operational -	Operational -	Replacement - Materials	Replacement - Transport	Replacement -	Refurbishment	Demolition	Residual	Whole Life Carbon
Embankment - New	Canal Rising	mã	Heasurement 33945	4	30	Installation 115	0	2,167	Repair	Energy	Materials	Transport	Installation 0	0	0	0	2,316
Pumping Station - Surface Water Sluices/penatocks	Lock Bypass Upgrades Weirs	kWh m2	29182 7872	160,958 7,610	67,361 27,792	118,578 63,889	17,619 17,973	4,326,375 729,430	273	443,751	18,296	7,653 5,760	13,466	6,577	7,335 7,243	-40,419 -11,051	5,147,160 880,509
Path/Track/Road	Access	m2	490	26	1	2	0	300	0	0	3	0	0	1	0	-4	330
Pipes & Drains - Plastic Culvert Inlet/outlet Works	Rising Mains Inlet to pumping stations	m3 m2	27780 360	9,230	1,193	3,107	0	34,336 29,757	0	0	1,000 336	129 176	337 346	165	201 123	-1,909 -1,117	47,991 37,797
Control Building	For pumping stations	m2	720	521	122	454	443	12,789	0	0	60	10	42	46	20	-151	14,377
Soft Landscaping - Shrubs/Tress Channel - RC	Environmental Bridge Widening	m2 m3	1090000	0	0	0	0	708	0	0	0	0	0	0	0	0	710
Other	Bridge replacement Discharge points	No No	2 24	17665 207	9260 108	18175 213	0	169447	0	0	1915	1002 12	1970 23	767 9	699	-6363 74	215234 2,520
Trash Screen	Clearing of debris at P/Sb		24	254	31	100	0	31,793	0	0	43	5	18	38	11	-36	32,277
Other	Storage Intermediate Locks	m3 No	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				-							-	_		-	•	-	-
				199,578	107,525	207,432	36,015	5,339,085	275	443,751	23,192	14,748	29,272	17,772	15,641	-69,124	6,381,220
Option 2				213,332	108,391	208,889	32,636	5,513,780	7,446	475,934	24,276	13,822	26,905	15,679	14,335	-70,000	6,599,757
Add Row																	
Asset	Asset Description	Asset Unit	Asset Heasurement	Capital - Materials	Capital - Transport	Capital -	Operational - Use	Operational - Maintenance	Operational - Repair	Operational - Energy	Replacement - Materials	Replacement - Transport	Replacement -	Refurbishment	Demolition	Residual	Whole Life Carbon
Embankment - New	Canal Rising	mã	24953	3	22	84	a	1,593	0	0	0	0	0	0	0	0	1,702
Pumping Station Surface Water Sluices/penetocks	Lock Bypass Upgrades Weirs	kWh m2	31298 5856	172,631 5,661	72,246 20,674	127,178 47,527	18,897	4,640,138 542,625	293	475,934 0	19,623	8,208 4,285	14,443 9,723	7,054	7,867 5,388	-51,930 -8,221	5,520,449 655,013
Path/Track/Road	Access	m2	600	32	1	2	0	375	0	0	3	0	0	2	1	-5	412
Pipes & Drains - Plastic Culvert Inlet/outlet Works	Rising Mains Inlet to pumping stations	m3 m2	33930	11,274 2,585	1,457	3,795 2,660	0	41,937 24,797	0	0	1,222 290	158 147	411	202 112	245 102	-2,331 -931	58,615 31,498
Control Building Soft Landscaping - Shrubs/Tress	For pumping stations Environmental	m2 m2	600 640000	434	102	379	369	10,658 420	0	0	50	8	35 0	38	17	-126 0	11,981
Channel - RC	Bridge Widening	m3	0	0	0	0	0	0	0	0	0	٥	0	0	0	0	0
Other	Bridge replacement Discharge points	Enter Unit	2 20	17665	9260	18175	0	169447	0	0	1915	1002	1970	767	699	-6363 -62	215234
Trash Screen	Clearing of debris at P/Sb	tonnes	20	212	26	90	0	26,494	0	0	36	4	15	32	9	-30	26,898
Other	Storage Intermediate Locks	Enter Unit Enter Unit	8000	2,662	3,156	8,821 0	0	53,644 0	7,152	0	0	0	0	0	0	0	75,435 0
									_	_	-			_	_		
			20														
			20	213,332	100,391	208,889	32,636	5,513,780	7,446	475,934	24,276	13,822	26,905	15,679	14,335	-70,000	6,599,757
Option 3			20	213,332	100,391	204,889	32,636 44,303	5,511,780 6,438,417	7,446	475,934 544,777	24,276 27,101	13,822	26,905 33,893	15,679	14,235	-70,000 -78,942	6,599,757 7,697,432
Option 3			20	213,332	125,087	208,889	12,636 44,303	5,513,780 6,438,417	7,446	475,934	24,276	13,822	26,905	15,679	14,335	-70,000	6,500,757 7,697,432
Add Row	Asset Description	Asset Unit	Asset			Capital		Operational	7,446 7,488 Operational	475,934 544,777 Operational	24,276 27,101 Replacement	13,822 17,021	26,905 33,893 Replacement		14,225	-70,000 -78,942	
	Asset Description Canal Rising	Asset Unit			100,391 125,087 Capital - Transport		12,636 44,303 Operational - Use 0		7,446	475,934 544,777	24,276	17,021	24,905	15,679 21,076 Refurbishment	14,335	-70,000	6,599,757 7,697,432 Whole Life Carbon 6,465
Add Row Asset Embankment - New Pumping Station - Surface Water	Canal Rising Lock Bypass	m3 kWh	Asset Heasurement 95060 35825	Capital - Materials 12 197,602	Capital - Transport 85 82,696	Capital Installation 321 145,574	Operational - Use 0 21,630	Operational Maintenance 6,068 5,311,333	7,446 7,488 Operational Repair 0	475,934 544,777 Operational Energy 0 544,777	24,276 27,101 Explacement Materials 0 22,462	17,021 Replacement Transport 0 9,295	26,905 33,893 Reglacement tretallation 0 16,532	Refurbishment 0 8,075	18,567 Demolition 0 9,005	-78,942 Residual 0 -59,442	Whole Life Carbon 6,485 6,318,980
Add Row Asset Embankment - New Pumping Station - Sorthon Water Shicos/Jenatocks Path/Track/Road	Canal Rising Lock Bypass Upgrades Weirs Access	m3 kWh m2 m2	Asset Heasurement 95060 35825 9696 780	Capital - Materials 12 197,602 9,373 42	Capital - Transport 85 82,696 34,231 2	Capital Installation 321 145,574 78,692 3	Operational - Use 0 21,630 22,138 0	Operational Maintenance 6,068 5,311,333 898,444 487	7,446 7,488 Operational Repair 0 335 0	475,924 544,777 Operational Energy 0 544,777 0	24,276 27,101 Saplacement Materials 0 22,462 1,866 5	17,021 Replacement Transport 0 9,295 7,095 0	26,905 33,893 Replacement Tratalistion 0 16,532 16,099	Refurbishment 0 8,075 12,359 2	14,335 18,567 Demolition 0 9,005 8,921 1	-78,942 Residual 0 -59,442 -13,612 7	Whole Life Carbon 6,485 6,318,980 1,084,530 536
Add Row Asset Embarkment - New Pumping Station - Surface Water Stuices/penetocks	Canal Rising Lock Bypass Upgrades Weirs	m3 kWh m2	Asset Heasurement 95060 35825 9696	Capital - Materials 12 197,602 9,373	Capital - Transport 85 82,696 34,231	Capital Installation 321 145,574 78,692	Operational - Use 0 21,630 22,138	Operational Maintenance 6,068 5,311,333 898,444	7,446 7,488 Operational Regain 0 335	475,934 544,777 Operational Energy 0 544,777 0	24,276 27,101 Explicament Materials 0 22,462 1,868	17,021 Replacement Transport 0 9,295 7,095	26,905 33,893 Regilacement Dretallation 0 16,512 16,099	Refurbishment 0 8,075 12,359	14,335 18,567 Demolition 0 9,605 8,921	-70,000 -78,942 Residual 0 -50,442 -13,612	Whole Life Carbon 6,485 6,318,980 1,084,530
Add Row Asset Drobardsmeré - New Pumping Station - Surface Water Subces/penetocks Path/Track/Boad Pipes & Orales - Peatic Culvest Inde/sudet Works Control Building	Canal Rising Lock Bypass Upgrades Weirs Access Rising Mains Inlet to pumping stations	m3 kWh m2 m2 m3 m2	Asset Heasurement 95060 35925 9606 780 61350 435 870	Capital - Materials 12 197,602 9,373 42 20,385 3,748 630	Capital - Transport 85 82,696 34,231 2 2,635 1,965 148	Capital Installation 321 145,574 78,692 3 6,862 3,857 549	Operational - Use 0 21,630 22,138 0 0 0	Operational Maintenance 6,068 5,311,333 808,444 487 75,927 35,956 15,454	7,446 7,488 Operational Repair 0 335 0 0 0	475,034 544,777 Operational Energy 0 544,777 0 0 0	24,276 27,101 Replacement Materials 0 22,462 1,666 5 2,200 406 72	17,021 Replacement Transport 0 9,295 7,095 0 285 213 12	24,905 33,893 Replacement Dristalistion 0 16,532 16,999 0 743 418 50	Refurbishment 0 8,075 12,359 2 365 162 56	14,335 18,567 Demolitism 0 9,005 8,921 1 444 148 24	-79,000 -78,942 Restiduel 0 -59,442 -13,612 7 -4,216 -1,359 -182	Whole Life Carbon 6,485 6,318,980 1,084,530 536 105,683 45,672 17,372
Add Row Asset Entertweet - New Pumping Station - Surface Water Subsen/penticles Partification Partification Partification Partification Control Building Soil Landscaping - Brinds/Trees Caterial Building Soil Landscaping - Brinds/Trees Caterial Excitation Caterial C	Canal Rising Lock Bypass Upgrades Weirs Access Rising Mains Inlet to pumping stations Environmental Bridge Widening	m3 kWh m2 m3 m2 m2 m2 m2	Asset Measurement 95060 35825 9606 780 61350 435 870 596000	Capital - Materials 12 167,602 9,373 42 20,385 3,748 630 0	Capital - Transport 85 82,006 34,231 2 2,635 1,665 148 0	Capital Installation 321 145,574 78,662 3 6,862 3,857 549 0	Operational - Use 0 21,630 22,138 0 0 0 535 0	Operational Maintenance 6,068 5,211,233 806,444 487 75,827 25,956 15,454 391 0	7,446 7,488 Coperational Regain 0 0 0 0 0 0 0	544,777 Cperational Energy 0 544,777 0 0 0 0 0	24,276 27,101 Explicament Materials 0	13,822 17,021 17,021 Replacement Transport 0 9,335 7,095 0 265 213 12 0 0	24,905 33,893 Regilacement Proteinston 0 16,532 16,099 0 743 418 50 0 0	Refurbishment 0 8,075 12,359 2 365 162 56 0	18,367 Demolition 0,005 8,921 1 444 24 0	-78,942 Restitual 0 -13,612 7 -1,150 -112 0 0	Whole Life Carbon 6,485 6,318,980 1,084,530 536 105,683 45,672 17,372 392 0
Add Row Asset Embarkment - New Parting Station - Surface Water Shizces/parentions Path/Track/Road Popes & Oralin - Plastic Culvert Intelfuculate Works Control Building Soft Landecaping - Shrubs/Tress	Canal Rising Lock Bypass Upgrades Weire Access Rising Mains Inlet to pumping stations For pumping stations Environmental Bridge Widening Bridge replacement	m3 kWh m2 m2 m3 m2 m3 m2 m2 m2 m2 m2 m2	Asset Heasurement 95060 25825 9606 780 61350 435 870 596000	Capital - Materials 12 197,602 9,373 42 20,385 3,748 630 0	Capital - Transport 85 82,696 34,231 2 2,635 1,965 148 0	Capital Installation 321 145,574 78,692 3 6,862 3,857 549 0	Operational - Use 0 21,630 22,138 0 0 0 535	Operational Maintenance 6,008 5,311,333 898,444 487 75,827 35,956 15,454 391 0	7,445 7,488 Cperational Repair 0 0 115	475,934 544,777 Operational Energy 0 544,777 0 0 0 0	24,276 27,101 Emplacement Materials 0 22,462 1,666 5 2,209 406 72 0	13,822 17,021 Replacement Transport 0 9,395 7,095 0 285 213 12 0	26,905 33,893 Seglacement Dretallation 0 16,532 16,099 0 743 418 50 0	Refurbishment 0 8,075 12,359 2 365 162 56 0	14,335 18,567 Demolition 0 9,005 8,921 1 444 148 24 0	-78,942 Residual 0 -59,442 -13,612 7 -4,216 -1,150 -182 0	Whole Life Carbon 6,485 6,318,980 1,084,530 536 105,663 45,672 17,372 392 0
Add Reye Asset Endocknesse - New Jones Purpring Station - Surface Water Subscriptoristics Partification - Surface Water Subscriptoristics Partification - Surface Control Interprint - Surface Control Interprint - Surface Charcel - SC City - Charcel -	Canal Rising Lock Bypass Upgrades Weins Access Rising Mains Inlet to pumping stations For pumping stations Environmental Bridge Widening Bridge replacement Dischange paints Clearing of debris at P/Sb	m3 kwh m2 m2 m3 m2 m2 m2 m2 m2 Enter Unit tonnes	Asset Heasurement 95060 35925 9696 780 61350 435 870 0 0 0 2 29 29	Capital - Materials 12 197,602 9,373 42 20,385 3,748 630 0 0 350 307	Capital - Transport 85 82,066 34,231 2 2,4335 1,965 148 0 0 0 131 38	Capital Installation 321 145,574 78,692 3 6,862 2,857 549 0 0 0 257 130	Operational - Use 0 21,630 22,138 0 0 535 0 0	Operational Maintenance 6,068 5,211,333 806,444 487 75,827 35,956 15,454 391 0 0 2,397 38,417	7,446 7,488 Consistional Regain 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	473,934 544,777 Operational freely 544,777 0 0 0 0 0 0	24,276 27,101 Registerament Materials 0 122,442 1,868 5 2,269 406 72 0 0 27 51	17,021 Replacement Transport 0 9,395 7,095 0 265 213 112 0 0 14 6 6	24,903 33,893 Engineerment Destallation 0 16,132 16,099 0 743 418 0 0 0 28 28	Refurbishment 0 8,075 12,359 2 365 162 56 0 0 11 46	14,335 18,567 Demolitism 0 9,005 8,921 1 444 148 24 0 0 10 11	-78,942 Restribut 0 -59,442 -13,612 -7 -4,216 -182 0 0 -99 -41	Whole Life Carbon 6,485 6,318,980 1,084,530 536 105,983 45,672 17,772 392 0 3,045 30,002
Add Row Asst Distantment - New Purrping Datain - Surface Water Sulver/yearstake Path / Track/Road Pass & Drains - Passic Control Building Soft Landscapes - Scharffress Charend - RC Cities Chare - Other Cities Chare - Other	Canal Rising Lock Bypass Upgrades Weire Access Rilling Mains Inlet to pumping stations Environmental Bridge Widening Bridge replacement Discharge points	m3 kWh m2 m2 m3 m2 m2 m2 m2 m2 m2 Enter Unit	Asset Measurement 90006 25835 9606 780 61350 870 596000 0	Capital - Materials 12 167,602 9,773 42 20,385 3,748 630 0	Capital - Transport 85 82,696 34,231 2 2,635 1,965 148 0 0	Capital Installation 321 145,574 78,692 3 6,862 3,857 549 0 0 0 257	Operational - Use 0 21,630 22,138 0 0 535 0	Operational Maintenance 6,068 5,311,333 800,444 467 75,827 35,956 15,454 391 0	7,446 7,488 Coperational Repair 0 335 0 0 0 1	473,934 544,777 Operational Energy 0 544,777 0 0 0 0 0 0 0	24,276 27,101 Explanament Materials 0 0 22,443 1,566 5 3,200 406 72 0 0 27	13,822 17,021 Replacement Transport 0 9,005 0 285 213 12 0 0 14	33,893 Suplicement britishation of 16,532 16,099 0 743 418 50 0 0 28	Refurbishment 0 8,075 12,359 2 365 162 56 0 0	14,335 18,567 Demolition 9,005 4,421 1 444 24 0 0 10	-78,942 Restitus 0 -59,442 -13,612 -4,216 -1,350 0 0 0	Whole Life Carbon 6,485 6,318,980 1,084,530 536 105,983 45,672 17,772 392 0 0 1,045
Add Bow Asset Description of the Asset Description of the Asset of	Canal Rising Lock Bypass Upgrades Weirs Access Rising Mains Inlet to pumping stations Environmental Bridge Widening Bridge replacement Discharge points Clearing of debris at P/Sb Storage	m3 kWh m2 m3 m3 m2 m3 m2 m3 cm2 m3 cm2 cm2 cm3 cm2 cm3 cm4 consecutivit consecutivi	Asset Measurement 95060 25825 9606 780 61350 870 9506000 0 29 90 8000	Capital - Materials 12 197,602 9,373 42 20,385 3,748 630 0 0 350 307	Capital - Transport 85 82,096 34,231 2 2,635 1,965 148 0 0 0 111 38 3156	Capital Installation 321 145,574 78,662 3 6,862 3,857 549 0 0 0 257 130 8821	Operational - Use 0 21,630 22,138 0 0 535 0 0 0	Operational Maintenance 6,068 5,311,333 806,444 487 75,827 35,956 15,454 361 0 0 2,397 38,417 53644	7,446 7,488 Coperational Repair 0 235 0 0 0 0 0 7,152	473, 834 S44,777 Operational Energy 0 0 544,777 0 0 0 0 0 0 0 0	24,276 27,101 Registerament Materials 0 122,442 1,868 5 2,269 406 72 0 0 27 51	13,822 17,021 Registerment Transport 0 9,396 2 13 12 0 0 0 14 6 0 0	24,903 33,893 Engineerment Destallation 0 16,132 16,099 0 743 418 0 0 0 28 28	Refurbishment 0 0,075 12,359 2 365 162 56 0 0 11 46 0	14,335 18,567 Demolitism 0 9,005 8,921 1 444 148 24 0 0 10 11	-76,942 Residual 0 -59,442 -13,612 7 -1,362 -1,350 -182 0 0 -89 -43 0	Whole Life Carbon 6,465 (4,85 6,318,960 1,084,320 536 105,983 45,672 17,772 392 0 0 3,645 29,002 75435
Add Rove Asset Drissonner - New Pumping Datain - Surbas Wess Skinday Spennish Path/Track/Sad Flows & Drains - Plastic Colored Balding Sol Lashbarger - Perhalf/Tess Castroll - AC Other Trans Screen Other	Canal Rising Lock Bypass Upgrades Weirs Access Rising Mains Inlet to pumping stations Environmental Bridge Widening Bridge replacement Discharge points Clearing of debris at P/Sb Storage	m3 kWh m2 m3 m3 m2 m3 m2 m3 cm2 m3 cm2 cm2 cm3 cm2 cm3 cm4 consecutivit consecutivi	Asset Measurement 95060 25825 9606 780 61350 870 9506000 0 29 90 8000	Capital - Materials 12 197,602 9,373 42 20,385 3,748 630 0 0 350 307	Capital - Transport 85 82,096 34,231 2 2,635 1,965 148 0 0 0 111 38 3156	Capital Installation 321 145,574 78,662 3 6,862 3,857 549 0 0 0 257 130 8821	Operational - Use 0 21,630 22,138 0 0 535 0 0 0	Operational Maintenance 6,068 5,311,333 806,444 487 75,827 35,956 15,454 361 0 0 2,397 38,417 53644	7,446 7,488 Coperational Repair 0 235 0 0 0 0 0 7,152	473, 834 S44,777 Operational Energy 0 0 544,777 0 0 0 0 0 0 0 0	24,276 27,101 Registerament Materials 0 122,442 1,868 5 2,269 406 72 0 0 27 55	17,021 17,021 Registroment Transport 0 9,396 20 213 12 0 0 0 14 6 0 0	24,903 33,893 Begince meet Postaliston 0 16,532 16,099 0 743 418 0 0 0 28 28	Refurbishment 0 0,075 12,359 2 365 162 56 0 0 11 46 0	14,335 18,567 Demolitism 0 9,005 8,921 1 444 148 24 0 0 10 11	-76,942 Residual 0 -59,442 -13,612 7 -1,362 -1,350 -182 0 0 -89 -43 0	Whole Life Carbon 6,465 (4,85 6,318,960 1,084,320 536 105,983 45,672 17,772 392 0 0 3,645 29,002 75435
Add Rove Asset Drissonner - New Pumping Datain - Surface Ween Skinsky permitties Path/Track/lined Flows & Drains - Plantic Control Building Soft Landscapes - Porhalf/Trees Charcel - SC Other Trans Screen Other	Canal Rising Lock Bypass Upgrades Weirs Access Rising Mains Inlet to pumping stations Environmental Bridge Widening Bridge replacement Discharge points Clearing of debris at P/Sb Storage	m3 kWh m2 m3 m3 m2 m3 m2 m3 cm2 m3 cm2 cm2 cm3 cm2 cm2 cm3 cm4 cm4 conex conex conex conex conex conex conex	Asset Measurement 95060 25825 9606 780 61350 870 9506000 0 29 90 8000	Capital - Materials 12 197,602 9,373 42 20,385 3,748 630 0 0 350 307	Capital - Transport 85 82,096 34,231 2 2,635 1,965 148 0 0 0 111 38 3156	Capital Installation 321 145,574 78,662 3 6,862 3,857 549 0 0 0 257 130 8821	Operational - Use 0 21,630 22,138 0 0 535 0 0 0	Operational Maintenance 6,068 5,311,333 806,444 487 75,827 35,956 15,454 361 0 0 2,397 38,417 53644	7,446 7,488 Coperational Repair 0 235 0 0 0 0 0 7,152	473, 834 S44,777 Operational Energy 0 0 544,777 0 0 0 0 0 0 0 0	24,276 27,101 Registerament Materials 0 122,442 1,868 5 2,269 406 72 0 0 27 55	17,021 17,021 Registroment Transport 0 9,396 20 213 12 0 0 0 14 6 0 0	24,903 33,893 Begince meet Postaliston 0 16,532 16,099 0 743 418 0 0 0 28 28	Refurbishment 0 0,075 12,359 2 365 162 56 0 0 11 46 0	14,335 18,567 Demolitism 0 9,005 8,921 1 444 148 24 0 0 10 11	-76,942 Residual 0 -59,442 -13,612 7 -1,362 -1,350 -182 0 0 -89 -43 0	Whole Life Carbon 6,465 (4,85 6,318,960 1,084,320 536 105,983 45,672 17,772 392 0 0 3,645 29,002 75435
Add Nov Asset Drisonmer - New Pumping Datain - Surkes West Skind-premishes Path/Track/Dand Pase & Dratin - Fastic Colored Balaking Sin Landscape - Perhalt/Trees Colored Taylor - Printing Sin Landscape - Printing Colored Taylor Colored Colored Other Other Other Other	Canal Rising Lock Bypass Upgrades Weirs Access Rising Mains Inlet to pumping stations Environmental Bridge Widening Bridge replacement Discharge points Clearing of debris at P/Sb Storage	m3 kWh m2 m3 m3 m2 m3 m2 m3 cm2 m3 cm2 cm2 cm3 cm2 cm2 cm3 cm4 cm4 conex conex conex conex conex conex conex	Asset Measurement 95060 25825 9606 780 61350 870 9506000 0 29 90 8000	Capitul - Mallerials 112 1157,602 8,377 62 107,602 8,377 62 10,785 63 10 0 0 0 10 250 267 2662 0 0	Capital - Transport 85 82,006 34,231 4,242 1,165 148 0 0 0 133 38 3156 0	Cupital Systematics of the Country o	Operational - Use a 21,639 22,138 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operational Maintenance Maintenance State	7,468 Conventional Regain 0	\$344,777 Operational Energy 0 544,777 0 0 0 0 0 0 0 0 0 0	24-276 27,101 Explicament Materials 0 22,443 1,868 5 2,200 406 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17,021 17,021 17,021 September of Transport of 9,395 o	33,893 Suplicement Destablished 16,332 16,099 0 14,332 50 0 0 28 22 0 0 0 13,892	Refurbishment 0 R,075 12,359 2 365 162 0 0 0 11 1 46 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14,355 15,567 Describition 6 9,655 8,821 1 144 148 24 0 0 0 0 10 13 0	-78,942 Fletifield 0 -59,442 -13,612 7 -4,216 -1,216 0 0 -48 -43 0 0	Whole Life Cardon 6,445 6,318,580 1,384,385 384 385,822 1,7,372 392 0 0 3,645 39,092 7,447,412
Add Rove Asset Drissionnest - New Purping Status - Surkes Wasset Paring Status - Surkes Wasset Fast Transfultand Fast Transfultand Fast Transfultand Culture Sinty Surker Culture Sinty Surker Culture Sinty Surker Culture Sinty Surker Culture Cu	Canal Rising Lock Byzes Upgrades Work Access Rising Males Dalet to pumping database For pumping database Storage Intermediate Locks	m3 kWh m3 m3 m3 m3 m3 m3 cotar Unit tonnes Enter Unit Enter Unit	Asset Heasurement 95969 25925 9696 23925 9696 435 879 596000 0 0 29 29 29 8000 0	Capitul - Materials 12 197,602 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372	Capital - Transport 85 82,096 34,231 3,455 148 0 0 0 131 316 0 0 125,007	Capital 20stalisation 20stalisation 21stalisation 21stalis	Operational - Use 0 21,630 22,130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operational Maintenance Maintenance State of Sta	7,468 Conventional Regain 0	\$344,777 Operational Energy 0 544,777 0 0 0 0 0 0 0 0 0 0	24-276 27,101 Explicament Materials 0 22,443 1,868 5 2,200 406 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17,021 17,021 17,021 September of Transport of 9,395 o	33,893 Suplicement Destablished 16,332 16,099 0 14,332 50 0 0 28 22 0 0 0 13,892	Refurbishment 0 R,075 12,359 2 365 162 0 0 0 11 1 46 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14,355 15,567 Describition 6 9,655 8,821 1 144 148 24 0 0 0 0 10 13 0	-76,000 -78,942 Residual 0 -59,442 -13,612 -1,156 -1,150 0 0 -99 -41 0 0 -99 -43 0 0 -75,942	Whole Life Carton 6,445 6,318,430 1,384,390 1,384,315 105,643 302 0 0 3,645 3,045 0 7,447,412
Add Bow Asset Enteriormet - New Purping Satish - Surhex Wese Skinny Jordan - Surhex Wese Skinny Jordan - Francis Path/Track/Said Fless & Drains - Francis Control Building Sin Landscape - Schnil/Tress Charent - SC Charent - SC Charent - SC Charent - SC Charent - Other Char Trass Screen Other Other	Canal Rising Lock Bypass Upgrades Weirs Access Rising Mains Inlet to pumping stations Environmental Bridge Widening Bridge replacement Discharge points Clearing of debris at P/Sb Storage	m3 kWh m3 m3 m3 m3 m3 m3 cotar Unit tonnes Enter Unit Enter Unit	Asset Heasurement 95969 25925 9696 23925 9696 435 879 596000 0 0 29 29 29 8000 0	Capitul - Materials 12 197,602 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372	Capital - Transport 85 82,096 34,231 3,455 148 0 0 0 131 316 0 0 125,007	Capital 20stalisation 20stalisation 21stalisation 21stalis	Operational - Use a 21,639 22,138 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operational Maintenance Maintenance State of Sta	7,468 Conventional Regain 0	\$344,777 Operational Energy 0 544,777 0 0 0 0 0 0 0 0 0 0	24-276 27,101 Explicament Materials 0 22,443 1,868 5 2,200 406 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17,021 17,021 17,021 September of Transport of 9,395 o	33,893 Suplicement Destablished 16,332 16,099 0 14,332 50 0 0 28 22 0 0 0 13,892	Refurbishment 0 R,075 12,359 2 365 162 0 0 0 11 1 46 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14,355 15,567 Describition 6 9,655 8,821 1 144 148 24 0 0 0 0 10 13 0	-76,000 -78,942 Residual 0 -59,442 -13,612 -1,156 -1,150 0 0 -99 -41 0 0 -99 -43 0 0 -75,942	Whole Life Cardon 6,445 6,318,580 1,384,385 384 385,822 1,7,372 392 0 0 3,645 39,092 7,447,412
Add Rove Asset Drissionnest - New Purping Status - Surkes Wasset Paring Status - Surkes Wasset Fast Transfultand Fast Transfultand Fast Transfultand Culture Sinty Surker Culture Sinty Surker Culture Sinty Surker Culture Sinty Surker Culture Cu	Canal Rising Lock Byzes Upgrades Work Access Rising Males Dalet to pumping database For pumping database Storage Intermediate Locks	m3 kWh m3 m3 m3 m3 m3 m3 cotar Unit tonnes Enter Unit Enter Unit	Asset Heasurement 95969 25925 9696 23925 9696 435 879 596000 0 0 29 29 29 8000 0	Capitul - Materials 12 197,602 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372	Capital - Transport 85 82,096 34,231 3,455 148 0 0 0 131 316 0 0 125,007	Capital 20stalisation 20stalisation 21stalisation 21stalis	Operational - Use 0 21,630 22,130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operational Maintenance Maintenance State of Sta	7,468 Conventional Regain 0	\$344,777 Operational Energy 0 544,777 0 0 0 0 0 0 0 0 0 0	24-276 27,101 Explicament Materials 0 22,443 1,868 5 2,200 406 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17,021 17,021 17,021 September of Transport of 9,395 o	33,893 Suplicement Destablished 16,332 16,099 0 14,332 50 0 0 28 22 0 0 0 13,892	Refurbishment 0 R,075 12,359 2 365 162 0 0 0 11 1 46 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14,355 15,567 Describition 6 9,655 8,821 1 144 148 24 0 0 0 0 10 13 0	-76,000 -78,942 Residual 0 -59,442 -13,612 -1,156 -1,150 0 0 -99 -41 0 0 -99 -43 0 0 -75,942	Whole Life Carton 6,445 6,318,430 1,384,390 1,384,315 105,643 302 0 0 3,645 3,045 0 7,447,412
Add Rove Asset Drissionnest - New Purping Status - Surkes Wasset Paring Status - Surkes Wasset Fast Transfultand Fast Transfultand Fast Transfultand Culture Sinty Surker Culture Sinty Surker Culture Sinty Surker Culture Sinty Surker Culture Cu	Canal Rising Lock Byzes Upgrades Work Access Rising Males Dalet to pumping database For pumping database Storage Intermediate Locks	m3 kWh m3 m3 m3 m3 m3 m3 cotar Unit tonnes Enter Unit Enter Unit	Asset Heasurement 95969 25925 9696 23925 9696 435 879 596000 0 0 29 29 29 8000 0	Capitul - Materials 12 197,602 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372	Capital - Transport 85 82,096 34,231 3,455 148 0 0 0 131 316 0 0 125,007	Capital 20stalisation 20stalisation 21stalisation 21stalis	Operational - Use 0 21,630 22,130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operational Maintenance Maintenance State of Sta	7,468 Conventional Regain 0	\$344,777 Operational Energy 0 544,777 0 0 0 0 0 0 0 0 0 0	24-276 27,101 Explicament Materials 0 22,443 1,868 5 2,200 406 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17,021 17,021 17,021 September of Transport of 9,395 o	33,893 Suplicement Destablished 16,332 16,099 0 14,332 50 0 0 28 22 0 0 0 13,892	Refurbishment 0 R,075 12,359 2 365 162 0 0 0 11 1 46 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14,355 15,567 Describition 6 9,655 8,821 1 144 148 24 0 0 0 0 10 13 0	-76,000 -78,942 Residual 0 -59,442 -13,612 -1,156 -1,150 0 0 -99 -41 0 0 -99 -43 0 0 -75,942	Whole Life Carton 6,445 6,318,430 1,384,390 1,384,315 105,643 302 0 0 3,645 3,045 0 7,447,412
Add Row Asset Dressionest - New Pumping Station - Surface Ween Suicesylpamentics Party/Track/Stad Poss & Drisin - Plantic Culters Disched Works Control Stations Control Station Control Station Control Train Control Contr	Canal Rising Lock Byzes Upgrades Work Access Rising Males Dalet to pumping database For pumping database Storage Intermediate Locks	m3 kWh m3 m3 m3 m3 m3 m3 cotar Unit tonnes Enter Unit Enter Unit	Asset Heasurement 95969 25925 9696 23925 9696 435 879 596000 0 0 29 29 29 8000 0	Capitul - Materials 12 197,602 8,377 82 107,602 8,377 80 0 0 0 0 350 367 2662 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Capital - Transport 85 82,096 34,231 2 2,435 148 0 0 131 38 315 0 Capital - Transport	Capital 2 total fation 2 total fation 4 total fation 5 total fation 6 total fatio	Operational - Use 0 21,630 22,138 0 0 0 0 0 0 44,300 0 Operational - Use	Operational Microbinstree Machinestree Microbinstree	7,468 Convertional fisquire 0 235 0 0 0 0 1 1 0 0 7,468 Convertional - Regain	### ##################################	24-276 27,101 Explanament - Materials - 0 22,442 ,1660 5 22,442 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11,021 17,021 17,021 Septement Transport 0 0 265 213 12 0 0 14 6 0 0 0 17,021	33,893 Sapilacament Distribution of Life State 16,532 16,532 16,532 16,532 0 0 0 28 29 0 0 Sapilacament - Distribution of Life State Equipment of Life St	Refurbishment 0 8,075 13,399 2 365 162 162 162 162 162 162 162 162 162 162	14,335 15,567 Describition 0 9,665 9,721 1 144 148 24 0 0 0 0 10 13 0 0 Characteristics 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-76,942 Restitud 0 -59,442 -13,613 -7 -4,216 -14,216 -0 0 0 -43 -0 0 Restitud 0	Whole Life Cardon 6,445 6,318,989 1,394,336 336 336 346,672 1,7,372 392 0 0 3,646 7,647,432 0 0 7,647,432
Asset Drassinner - New Purping Status - Surkes West Saksungsprenticks Park Track/Stad Park Drains - Fastis Control Sulking Soil Lastincage - School/Track Other Track Surses Other Other Track Surses Other Other Add Raw Asset	Canal Rising Lock Byzes Upgrades Work Access Rising Males Dalet to pumping database For pumping database Storage Intermediate Locks	m3 kWh m3 m3 m3 m3 m3 m3 cotar Unit tonnes Enter Unit Enter Unit	Asset Heasurement 95969 25925 9696 23925 9696 435 879 596000 0 0 29 29 29 8000 0	Capitul - Materials 12 197,602 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372 9,372	Capital - Transport 85 82,096 34,231 3,455 148 0 0 0 131 316 0 0 125,007	Capital 20stalisation 20stalisation 21stalisation 21stalis	Operational - Use 0 21,630 22,130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operational Maintenance Maintenance State of Sta	7,468 Conventional Regain 0	\$344,777 Operational Energy 0 544,777 0 0 0 0 0 0 0 0 0 0	24-276 27,101 Explicament Materials 0 22,443 1,868 5 2,200 406 72 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11,622 17,021 17,021 September of Transport of 9,395 o	33,893 Suplicement Destablished 16,332 16,099 0 14,332 50 0 0 28 22 0 0 0 13,892	Refurbishment 0 R,075 12,359 2 365 162 0 0 0 11 1 46 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14,355 15,567 Describition 6 9,655 8,821 1 144 148 24 0 0 0 0 10 13 0	-76,000 -78,942 Residual 0 -59,442 -13,612 -1,156 -1,150 0 0 -99 -41 0 0 -99 -43 0 0 -75,942	Whole Life Carton 6,445 6,318,980 1,394,380 1,394,381 105,540 0 0 3,645 3,945 0 7,447,432
Add Row Asset Dressionest - New Pumping Station - Surface Ween Suicesylpamentics Party/Track/Stad Poss & Drisin - Plantic Culters Disched Works Control Stations Control Station Control Station Control Train Control Contr	Canal Rising Lock Byzes Upgrades Work Access Rising Males Dalet to pumping database For pumping database Storage Intermediate Locks	m3 kWh m3 m3 m3 m3 m3 m3 cotar Unit tonnes Enter Unit Enter Unit	Asset Heasurement 95969 25925 9696 23925 9696 435 879 596000 0 0 29 29 29 8000 0	Capitul - Materials 12 197,602 8,377 82 107,602 8,377 80 0 0 0 0 350 367 2662 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Capital - Transport 85 82,096 34,231 2 2,435 148 0 0 131 38 315 0 Capital - Transport	Capital 2 state latino 2 state latin	Operational - Use 0 21,630 22,138 0 0 0 0 0 0 44,300 0 Operational - Use	Operational Microbinstree Machinestree Microbinstree	7,468 Convertional fisquire 0 235 0 0 0 0 1 1 0 0 7,468 Convertional - Regain	### ##################################	24-276 27,101 Explanament - Materials - 0 22,442 ,1660 5 22,442 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11,021 17,021 17,021 Septement Transport 0 0 265 213 12 0 0 14 6 0 0 0 17,021	33,893 Sapilacament Distribution of Life State 16,532 16,532 16,532 16,532 0 0 0 28 29 0 0 Sapilacament - Distribution of Life State Equipment of Life St	Refurbishment 0 8,075 13,399 2 365 162 162 162 162 162 162 162 162 162 162	14,335 15,567 Describition 0 9,665 9,721 1 144 148 24 0 0 0 0 10 13 0 0 Characteristics 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-76,942 Restitud 0 -59,442 -13,613 -7 -4,216 -14,216 -0 0 0 -43 -0 0 Restitud 0	Whole Life Cartion 6,445 6,136,360 1,394,336 336 336 346,472 13,722 32 0 0 3,645 30,022 7,467,432 0
Add Row Asset Drissionnes - New Purping Status - Surkes West Suiscapparentists Part / Track/Status Part / Track/Status Part / Track/Status Control Suiscapparentists Control Suiscapparentists Control Suiscapparentists Control Suiscapparentists Control Suiscapparentists Control - SC Other Track Surnes Other Other Other Other Add Row Asset	Canal Rising Lock Byzes Upgrades Work Access Rising Males Dalet to pumping database For pumping database Storage Intermediate Locks	m3 sam m3 m2 m3	Asset Hease-remoted of 5000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Capital - Materials 12 197,602 9,372 9,372 9,374 630 0 0 0 346 346 26,385 0 0 221,811 0 Capital - Materials	Capital - Transport 85 82,096 34,231 2 2,435 148 0 0 0 131 38 0 125,007 0 Capital - Transport	Capital 2 total fation 2 total fation 4 total fation 5 total fation 6 total fatio	Operational - Use 0 21,630 22,138 0 0 0 0 0 0 44,300 0 Operational - Use	Operational Maintenance Maintenance State of Sta	7,468 Convertional fisquire 0 235 0 0 0 0 1 1 0 0 7,468 Convertional - Regain	### ##################################	24-276 27,101 Explanament - Materials - 0 22,442 ,1660 5 22,442 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11,021 17,021 17,021 Septement Transport 0 0 265 213 12 0 0 14 6 0 0 0 17,021	33,893 Sapilacament Distribution of Life State 16,532 16,532 16,532 16,532 0 0 0 28 29 0 0 Sapilacament - Distribution of Life State Equipment of Life St	Refurbishment 0 8,075 13,399 2 365 162 162 162 162 162 162 162 162 162 162	14,335 15,567 Describition 0 9,665 9,721 1 144 148 24 0 0 0 0 10 13 0 0 Characteristics 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-76,942 Restitud 0 -59,442 -13,613 -7 -4,216 -14,216 -0 0 0 -43 -0 0 Restitud 0	Whole Life Cardon 6,445 6,318,989 1,394,336 336 336 346,672 1,7,372 392 0 0 3,646 7,647,432 0 0 7,647,432
Acad Row Asset Dratesinner - New Purping Statin - Surkes Ween Sakenjapenthols Fast / Surkes Ween Fast / Surkes Ween Fast / Surkes Fast / Surkes Control Building Soil Landragues - Surkel' Teach Other Track Sorees Other Other Track Sorees Other Other Acad Row Asset	Canal Rising Lock Ryses Upgrades Were Access Rising Males Diele to pumping dations For pumping dations Environmental Bridge Watering Enrige replacement Cleaning of deline at IVIS Sizrage Intermediate Locks Asset Description	m3 sam m3 m2 m3	Asset Hease-remoted of 5000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Capital - Materials 12 197,602 9,372 9,372 9,374 630 0 0 0 346 346 26,385 0 0 221,811 0 Capital - Materials	Capital - Transport 85 82,096 34,231 2 2,435 148 0 0 0 131 38 0 125,007 0 Capital - Transport	Capital 2 state latino 2 state latin	Operational - Use 0 21,430 22,130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operational Maintenance Maintenance State of Sta	7,488 Coperational Separational -	475,034 544,777 Operational Energy 0 0 0 0 0 0 0 0 0 Complete Sea,777 Operational - Energy 0 Complete Sea,777 Operational - Complete Sea,777 Operational - Complete Sea,777 Operational - Complete Sea,777	24.276 27,101 Sepilarament Materials 9 22,442 1,566 5 2,200 406 72 0 0 27,101 0 27,103 0 27,103 0 27,103 0 8Epilarament - Materials	11,522 17,021 18 splacement Transport 0	24,900 33,693 Suplacement Distriction 16,532 16,532 16,532 16,532 10 0 0 0 28 20 0 0 Suplacement - Suplacement - Suplacement - Suplacement -	Refurbishment 0 8,075 13,399 2 365 162 162 162 162 162 162 162 162 162 162	14,335 15,567 Describition 0 9,665 9,721 1 144 148 24 0 0 0 0 10 13 0 0 Characteristics 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-76,942 Restitud 0 -59,442 -13,613 -7 -4,216 -14,216 -0 0 0 -43 -0 0 Restitud 0	Whole Life Carton 6,445 6,318,390 1,394,390 1,394,315 105,493 10 0 3,645 3,645 3,645 0 7,487,432 0 0 Whole Life Carton
Add Row Asset Charlement - New Purping States - Surkes Wase Saken Systematics Park Thack States Park Thack States Park Thack States Park Thack States Cherri Building Soil Landraging - Schull'heas Charrel - SC Other Track Screen Other Cother Cother Cother Cother Cother Add Row Asset	Canal Rising Lock Ryses Upgrades Were Access Rising Males Diele to pumping dations For pumping dations Environmental Bridge Watering Enrige replacement Cleaning of deline at IVIS Sizrage Intermediate Locks Asset Description	m3 sam m3 m2 m3	Asset Hease-remoted of 5000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Capital - Materials 12 197,602 9,372 9,372 9,374 630 0 0 0 346 346 26,385 0 0 221,811 0 Capital - Materials	Capital - Transport 85 82,096 34,231 2 2,435 148 0 0 0 131 38 0 125,007 0 Capital - Transport	Capital 2 state latino 2 state latin	Operational - Use 0 21,430 22,130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Operational Maintenance Maintenance State of Sta	7,488 Coperational Separational -	475,034 544,777 Operational Energy 0 0 0 0 0 0 0 0 0 Complete Sea,777 Operational - Energy 0 Complete Sea,777 Operational - Complete Sea,777 Operational - Complete Sea,777 Operational - Complete Sea,777	24.276 27,101 Sepilarament Materials 9 22,442 1,566 5 2,200 406 72 0 0 27,101 0 27,103 0 27,103 0 27,103 0 8Epilarament - Materials	11,522 17,021 18 splacement Transport 0	24,900 33,693 Suplacement Distriction 16,532 16,532 16,532 16,532 10 0 0 0 28 20 0 0 Suplacement - Suplacement - Suplacement - Suplacement -	Refurbishment 0 8,075 13,399 2 365 162 162 162 162 162 162 162 162 162 162	14,335 15,567 Describition 0 9,665 9,721 1 144 148 24 0 0 0 0 10 13 0 0 Characteristics 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-76,942 Restitud 0 -59,442 -13,613 -7 -4,216 -14,216 -0 0 0 -43 -0 0 Restitud 0	Whole Life Carton 6,445 6,318,390 1,394,390 1,394,315 105,493 10 0 3,645 3,645 3,645 0 7,487,432 0 0 Whole Life Carton



Asset Category	Asset Unit	Asset Measurment	Capital Materials	Capital Transport	Capital Installation	Operational Use	Operational Maintenance	Operational Repair	Operational Energy	Replacement Materials	Replacement Transport	Replacement Installation	Refurbishment	Demolition	Residual	Whole Life Carbon
Control Building	m2	8	14	10	20	10	259	0	0	5	3	6	3	7	-11	332
Control	m2	9.05	10	2	2	10	81	0	0	4	0	1	1	1	-4	109
Control	m2	16.65	12	3	12	10	308	0	0	1	0	1	1	1	-4	347
Buildina Control Buildina	m2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

General instructions

- Before starting, make sure that Macros are enabled in Microsoft Excel.
 Complete the Details section at the top of the Optioneering Summary page.
- 1) In the Option age, use the Show All button to open the date entry fields.
 Build up each project solution option by asset by assisting models from the dependent and entering an Asset Measure for the Rem.
 AA Asset Searching may also be added no order to identify the Rem within your project.
- 4) The Model Viewer can be used to view the data for individual asset models. In the Model Viewer sheet, select an Asset from the drop-down list at the top of the page and the charts and data table will refresh with all data relating to that Asset.
- NB. If you are using Microsoft Excel 2003 or older, some functionality may not work and you should seek further guidance how to proceed.