



NO REGULAR

TABLA RELACION B/C SUSTITUTOS PUSU ALTERNATIVA 1. NO REGULAR				INPUTS										
		CREC. POBLACIONAL		3,50%		Dane								
		IPC		4%		Dane								
		PRECIO TON COMPOST		\$		200.000		Promedio varias fuentes						
		TRM PROMEDIO 2024		\$		4.000		Banrep						
TONELADAS AL AÑO DE PLASTICOS		1.400.000	1.449.000	1.499.715	1.552.205	1.606.532	1.662.761	1.720.957	1.781.191	1.843.533	1.908.056	1.974.838		
TONELADAS AL AÑO PUSU (56%)		784.000	811.440	839.840	869.235	899.658	931.146	963.736	997.467	1.032.378	1.068.512	1.105.909		
% RECICLAJE		0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30		
TONELADAS RECICLADAS AL AÑO		235.200	243.432	251.952	260.770	269.897	279.344	289.121	299.240	309.713	320.553	331.773		
PUSU (PRIMER PAQUETE)		31.360	32.458	33.594	34.769	35.986	37.246	38.549	39.899	41.295	42.740	44.236		
PUSU (SEGUNDO PAQUETE)									119.696	123.885	128.221	132.709		
TOTAL PUSU (PRIMER Y SEGUNDO)		31.360	32.458	33.594	34.769	35.986	37.246	38.549	159.595	165.181	170.962	176.946		
TOTAL PUSU (4%+12%)		125.440	129.830	134.374	139.078	143.945	148.983	154.198	159.595	165.181	170.962	176.946		
AÑOS														
BENEFICIOS		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	VPN	
BENEFICIOS POR NO REGULAR (AHORRO EN COSTOS)		\$ 1.881.600.000.000	\$ 1.947.456.000.000	\$ 2.015.616.960.000	\$ 2.086.163.553.600	\$ 2.159.179.277.976	\$ 2.234.750.552.705	\$ 2.312.966.822.050	\$ 2.393.920.660.822	\$ 2.477.707.883.950	\$ 2.564.427.659.889	\$ 2.654.182.627.985	\$ 15.235.815.954.212,0	
TOTAL BENEFICIOS		\$ 1.881.600.000.000	\$ 1.947.456.000.000	\$ 2.015.616.960.000	\$ 2.086.163.553.600	\$ 2.159.179.277.976	\$ 2.234.750.552.705	\$ 2.312.966.822.050	\$ 2.393.920.660.822	\$ 2.477.707.883.950	\$ 2.564.427.659.889	\$ 2.654.182.627.985	\$ 15.235.815.954.212,0	
COSTOS														
COSTOS POR ENTRADA DE TONELADAS DE PLASTICOS AL OCEANO		\$ 4.060.526.982.400	\$ 4.202.645.426.784	\$ 4.349.738.016.721	\$ 4.501.978.847.307	\$ 4.659.548.106.962	\$ 4.822.632.290.706	\$ 4.991.424.420.881	\$ 5.166.124.275.612	\$ 5.346.938.625.258	\$ 5.534.081.477.142	\$ 5.727.774.328.842	\$ 32.879.167.613.179	
EMISIONES DE GEI		\$ 68.769.814.400	\$ 71.176.757.904	\$ 73.667.944.431	\$ 76.246.322.486	\$ 78.914.943.773	\$ 81.676.966.805	\$ 84.535.660.643	\$ 87.494.408.765	\$ 90.556.713.072	\$ 93.726.198.030	\$ 97.006.614.961	\$ 556.847.489.054	
NO INCENTIVOS EN LA TARIFA		\$ 115.654.112.000	\$ 119.702.005.920	\$ 123.891.576.127	\$ 128.227.781.292	\$ 132.715.753.637	\$ 137.360.805.014	\$ 142.168.433.190	\$ 147.144.328.351	\$ 152.294.379.844	\$ 157.624.683.138	\$ 163.141.547.048	\$ 936.482.124.139	
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
OTROS COSTOS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOTAL COSTOS		\$ 4.244.950.908.800	\$ 4.393.524.190.608	\$ 4.547.297.537.279	\$ 4.706.452.951.084	\$ 4.871.178.804.372	\$ 5.041.670.062.525	\$ 5.218.128.514.713	\$ 5.400.763.012.728	\$ 5.589.789.718.174	\$ 5.785.432.358.310	\$ 5.987.922.490.851	\$ 34.372.497.226.372	
BENEFICIOS														
REDUCCION DE LA CONTAMINACIÓN AL MAR		\$ 1.881.600	\$ 1.947.456	\$ 2.015.617	\$ 2.086.164	\$ 2.159.179	\$ 2.234.751	\$ 2.312.967	\$ 2.393.921	\$ 2.477.708	\$ 2.564.428	\$ 2.654.183	\$ 15.235.816	
MENORES EMISIONES GEI		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
REDUCCION DE LA TARIFA		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
OTROS BENEFICIOS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
TOTAL BENEFICIOS		\$ 1.881.600	\$ 1.947.456	\$ 2.015.617	\$ 2.086.164	\$ 2.159.179	\$ 2.234.751	\$ 2.312.967	\$ 2.393.921	\$ 2.477.708	\$ 2.564.428	\$ 2.654.183	\$ 15.235.816	
COSTOS														
COSTOS POR ENTRADA DE TONELADAS DE PLASTICOS AL OCEANO		\$ 4.060.527	\$ 4.202.645	\$ 4.349.738	\$ 4.501.979	\$ 4.659.548	\$ 4.822.632	\$ 4.991.424	\$ 5.166.124	\$ 5.346.939	\$ 5.534.081	\$ 5.727.774	\$ 32.879.168	
EMISIONES DE GEI		\$ 68.770	\$ 71.177	\$ 73.668	\$ 76.246	\$ 78.915	\$ 81.677	\$ 84.536	\$ 87.494	\$ 90.557	\$ 93.726	\$ 97.007	\$ 556.847	
NO INCENTIVOS EN LA TARIFA		\$ 115.654	\$ 119.702	\$ 123.892	\$ 128.228	\$ 132.716	\$ 137.361	\$ 142.168	\$ 147.144	\$ 152.294	\$ 157.625	\$ 163.142	\$ 936.482	
OTROS COSTOS														
TOTAL COSTOS		\$ 4.244.951	\$ 4.393.524	\$ 4.547.298	\$ 4.706.453	\$ 4.871.179	\$ 5.041.670	\$ 5.218.129	\$ 5.400.763	\$ 5.589.790	\$ 5.785.432	\$ 5.987.922	\$ 34.372.497	
													RBC	0,443

ANÁLISIS DE IMPACTO NORMATIVO (AIN)

TABLA RELACION B/C SUSTITUTOS PUSU ALTERNATIVA 2. AUTOREGULACION				INPUTS													
		CREC. POBLACIONAL		0,035		Dane											
		IPC		4%		Dane											
		PRECIO TON COMPOST		\$ 200.000		Promedio varias fuentes											
		TRM PROMEDIO 2024		\$ 4.000		Banrep											
TONELADAS AL AÑO DE PLASTICOS		1.400.000	1.449.000	1.499.715	1.552.205	1.606.532	1.662.761	1.720.957	1.781.191	1.843.533	1.908.056	1.974.838					
TONELADAS AL AÑO PUSU (0.56%)		784.000	811.440	839.840	869.235	899.658	931.146	963.736	997.467	1.032.378	1.068.512	1.105.909					
% RECICLAJE		0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30					
BENEFICIO ADICIONAL TASA DE RECICLAJE(campañas)		0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,10					
TOTAL RECICLAJE		0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40					
TONELADAS RECICLADAS AL AÑO		313.600	324.576	335.936	347.694	359.863	372.458	385.494	398.987	412.951	427.405	442.364					
PUSU (PRIMER PAQUETE)		31.360	32.458	33.594	34.769	35.986	37.246	38.549	39.899	41.295	42.740	44.236					
PUSU (SEGUNDO PAQUETE)							119.696			123.885	128.221	132.709					
TOTAL PUSU (PRIMER Y SEGUNDO)		31.360	32.458	33.594	34.769	35.986	37.246	38.549	39.899	41.295	42.740	44.236					
BENEFICIO ADICIONAL TASA DE RECICLAJE(campañas)		235.200	243.432	251.952	260.770	269.897	279.344	289.121	299.240	309.713	320.553	331.773					
		548.800	568.008	587.888	608.464	629.761	651.802	674.615	698.227	722.665	747.958	774.137					
TOTAL PUSU (4%+12%)		125.440	129.830	134.374	139.078	143.945	148.983	154.198	159.595	165.181	170.962	176.946					
AÑOS																	
BENEFICIOS		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	VPN				
BENEFICIOS POR NO REGULAR (AHORRO EN COSTOS)		\$ 1.317.120.000.000	\$ 1.363.219.200.000	\$ 1.410.931.872.000	\$ 1.460.314.487.520	\$ 1.511.425.494.583	\$ 1.564.325.386.894	\$ 1.619.076.775.435	\$ 1.675.744.462.575	\$ 1.734.395.518.765	\$ 1.795.099.361.922	\$ 1.857.927.839.589	\$ 10.665.071.167.948				
MENORES EMISIONES GEI		\$ 10.922.264.640	\$ 11.304.543.902	\$ 11.700.202.939	\$ 12.109.710.042	\$ 12.533.549.893	\$ 12.972.224.140	\$ 13.426.251.984	\$ 13.896.170.804	\$ 14.382.536.782	\$ 14.885.925.569	\$ 15.406.932.964	\$ 88.440.483.556				
TOTAL BENEFICIOS		\$ 1.328.042.264.640	\$ 1.374.523.743.902	\$ 1.422.632.074.939	\$ 1.472.424.197.562	\$ 1.523.959.044.477	\$ 1.577.297.611.033	\$ 1.632.503.027.419	\$ 1.689.640.633.379	\$ 1.748.778.055.547	\$ 1.809.985.287.491	\$ 1.873.334.772.554	\$ 10.753.511.651.504				
COSTOS																	
COSTOS POR ENTRADA DE TONELADAS DE PLASTICOS AL OCEANO		\$ 2.842.368.887.680	\$ 2.941.851.798.749	\$ 3.044.816.611.705	\$ 3.151.385.193.115	\$ 3.261.683.674.874	\$ 3.375.842.603.494	\$ 3.493.997.094.617	\$ 3.616.286.992.928	\$ 3.742.857.037.681	\$ 3.873.857.033.999	\$ 4.009.442.030.189	\$ 23.015.417.329.226				
EMISIONES DE GEI		\$ 48.138.870.080	\$ 49.823.730.533	\$ 51.567.561.101	\$ 53.372.425.740	\$ 55.240.460.641	\$ 57.173.876.763	\$ 59.174.962.450	\$ 61.246.086.136	\$ 63.389.699.151	\$ 65.608.338.621	\$ 67.904.630.473	\$ 389.793.242.338				
NO INCENTIVOS EN LA TARIFA		\$ 24.089.576.000	\$ 24.932.711.160	\$ 25.805.356.051	\$ 26.708.543.512	\$ 27.643.342.535	\$ 28.610.859.524	\$ 29.612.239.607	\$ 30.648.667.994	\$ 31.721.371.373	\$ 32.831.619.371	\$ 33.980.726.049	\$ 195.059.707.882				
COSTOS DE CAMPAÑAS		\$ 50.370.000.000	\$ 55.407.000.000	\$ 60.947.700.000	\$ 67.042.470.000	\$ 73.746.717.000	\$ 81.121.388.700	\$ 89.233.527.570	\$ 98.156.880.327	\$ 107.972.568.360	\$ 118.769.825.196	\$ 130.646.807.715	\$ 547.468.223.099				
TOTAL COSTOS		\$ 2.964.967.333.760	\$ 3.072.015.240.442	\$ 3.183.137.228.857	\$ 3.298.508.632.367	\$ 3.418.314.195.050	\$ 3.542.748.728.482	\$ 3.672.017.824.244	\$ 3.806.338.627.385	\$ 3.945.940.676.564	\$ 4.091.066.817.187	\$ 4.241.974.194.427	\$ 24.147.738.502.544				
AÑOS																	
BENEFICIOS		2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	VPN				
REDUCCION DE LA CONTAMINACIÓN AL MAR		\$ 1.317.120	\$ 1.363.219	\$ 1.410.932	\$ 1.460.314	\$ 1.511.425	\$ 1.564.325	\$ 1.619.077	\$ 1.675.744	\$ 1.734.396	\$ 1.795.099	\$ 1.857.928	\$ 10.665.071				
MENORES EMISIONES GEI		\$ 10.922	\$ 11.305	\$ 11.700	\$ 12.110	\$ 12.534	\$ 12.972	\$ 13.426	\$ 13.896	\$ 14.383	\$ 14.886	\$ 15.407	\$ 88.440				
OTROS BENEFICIOS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
TOTAL BENEFICIOS		\$ 1.328.042	\$ 1.374.524	\$ 1.422.632	\$ 1.472.424	\$ 1.523.959	\$ 1.577.298	\$ 1.632.503	\$ 1.689.641	\$ 1.748.778	\$ 1.809.985	\$ 1.873.335	\$ 10.753.512	VPN BENEFICIOS			
COSTOS																	
COSTOS POR ENTRADA DE TONELADAS DE PLASTICOS AL OCEANO		\$ 2.842.369	\$ 2.941.852	\$ 3.044.817	\$ 3.151.385	\$ 3.261.684	\$ 3.375.843	\$ 3.493.997	\$ 3.616.287	\$ 3.742.857	\$ 3.873.857	\$ 4.009.442	\$ 23.015.417				
EMISIONES DE GEI		\$ 48.139	\$ 49.824	\$ 51.568	\$ 53.372	\$ 55.240	\$ 57.174	\$ 59.175	\$ 61.246	\$ 63.390	\$ 65.608	\$ 67.905	\$ 389.793				
NO INCENTIVOS EN LA TARIFA		\$ 24.090	\$ 24.933	\$ 25.805	\$ 26.709	\$ 27.643	\$ 28.611	\$ 29.612	\$ 30.649	\$ 31.721	\$ 32.832	\$ 33.981	\$ 195.060				
COSTOS DE CAMPAÑAS		\$ 50.370	\$ 55.407	\$ 60.948	\$ 67.042	\$ 73.747	\$ 81.121	\$ 89.234	\$ 98.157	\$ 107.973	\$ 118.770	\$ 130.647	\$ 547.468				
TOTAL COSTOS		\$ 2.964.967	\$ 3.072.015	\$ 3.183.137	\$ 3.298.509	\$ 3.418.314	\$ 3.542.749	\$ 3.672.018	\$ 3.806.339	\$ 3.945.941	\$ 4.091.067	\$ 4.241.974	\$ 24.147.739	VPN COSTOS			
														RBC	0,445		

ANÁLISIS DE IMPACTO NORMATIVO (AIN)

TABLA RELACION B/C SUSTITUTOS PUSU
ALTERNATIVA 3. REGULAR (BIOBASADOS)



INPUTS		
CREC. POBLACIONAL	0.035	Dane
IPE	4%	Dane
PRECIO TON COMPOST	200.000	Promedio varias fuentes
TRM promedio 2024	4.000	Banrep

TONELADAS AL AÑO DE PLASTICOS	1.400.000	1.449.000	1.499.715	1.552.205	1.606.532	1.662.761	1.720.957	1.781.191	1.843.533	1.908.056	1.974.838
TONELADAS AL AÑO PUSU (0.56%)	784.000	811.440	839.840	869.235	899.658	931.146	963.736	997.467	1.032.378	1.068.512	1.105.909
% RECICLAJE	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
TONELADAS RECICLADAS AL AÑO	235.200	243.432	251.952	260.770	269.897	279.344	289.121	299.240	309.713	320.553	331.773
PUSU (PRIMER PAQUETE)	31.360	32.458	33.594	34.769	35.986	37.246	38.549	39.899	41.295	42.740	44.236
PUSU (SEGUNDO PAQUETE)								119.696	123.885	128.221	132.709
TOTAL PUSU (PRIMER Y SEGUNDO)	31.360	32.458	33.594	34.769	35.986	37.246	38.549	159.595	165.181	170.962	176.946
TOTAL PUSU (4%+12%)											

AÑOS												VPN
BENEFICIOS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
REDUCCION EN CONTAMINACION EN OCEANO	\$ 4.060.526.982.400	\$ 4.202.645.426.784	\$ 4.349.738.016.721	\$ 4.501.978.847.307	\$ 4.659.548.106.962	\$ 4.822.632.290.706	\$ 4.991.424.420.881	\$ 5.166.124.275.612	\$ 5.346.938.625.258	\$ 5.534.081.477.142	\$ 5.727.774.328.842	\$ 32.879.167.613.179
MEENORES EMISIONES GEI	\$ 36.407.548.800	\$ 37.681.813.008	\$ 39.000.676.463	\$ 40.365.700.139	\$ 41.778.499.644	\$ 43.240.747.132	\$ 44.754.173.282	\$ 46.320.569.346	\$ 47.941.789.274	\$ 49.619.751.898	\$ 51.356.443.215	\$ 294.801.611.852
REDUCCION DE LA TARIFA	\$ 115.654.112.000	\$ 119.702.005.920	\$ 123.891.576.127	\$ 128.227.781.292	\$ 132.715.753.637	\$ 137.360.805.014	\$ 142.168.433.190	\$ 147.144.328.351	\$ 152.294.379.844	\$ 157.624.683.138	\$ 163.141.547.048	\$ 936.482.124.139
OTROS BENEFICIOS												
TOTAL	\$ 4.212.588.643.200	\$ 4.360.029.247.736	\$ 4.512.630.271.337	\$ 4.670.572.330.764	\$ 4.834.042.362.271	\$ 5.003.233.844.880	\$ 5.178.347.029.381	\$ 5.359.589.175.339	\$ 5.547.174.796.406	\$ 5.741.325.914.210	\$ 5.942.272.321.138	\$ 34.110.451.361.433

COSTOS												
COSTOS DE VIGILANCIA	\$ 302.000.000	\$ 314.080.000	\$ 326.643.200	\$ 339.708.928	\$ 353.297.285	\$ 367.429.177	\$ 382.126.344	\$ 397.411.397	\$ 413.307.853	\$ 429.840.167	\$ 447.033.774	\$ 2.499.637.910
COSTOS DE ETIQUETADO	\$ 62.720.000.000	\$ 64.915.200.000	\$ 67.187.232.000	\$ 69.538.785.120	\$ 71.972.642.599	\$ 74.491.685.090	\$ 77.098.894.068	\$ 79.797.355.361	\$ 82.590.262.798	\$ 85.480.921.996	\$ 88.472.754.266	\$ 507.860.531.807
MATERIALES COMPUESTOS BIOBASADOS	\$ 1.270.080.000.000	\$ 1.320.883.200.000	\$ 1.373.718.528.000	\$ 1.428.667.269.120	\$ 1.485.813.959.885	\$ 1.545.246.518.280	\$ 1.607.056.379.011	\$ 1.671.338.634.172	\$ 1.738.192.179.539	\$ 1.807.719.866.720	\$ 1.880.028.661.389	\$ 10.512.384.494.520
OTROS COSTOS												
TOTAL	\$ 1.333.102.000.000	\$ 1.386.112.480.000	\$ 1.441.232.403.200	\$ 1.498.545.763.168	\$ 1.558.139.899.769	\$ 1.620.105.632.547	\$ 1.684.537.399.423	\$ 1.751.533.400.930	\$ 1.821.195.750.190	\$ 1.893.630.628.884	\$ 1.968.948.449.429	\$ 11.022.744.664.237

BENEFICIOS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	VPN
REDUCCION EN CONTAMINACION EN OCEANO	\$ 4.060.527	\$ 4.202.645	\$ 4.349.738	\$ 4.501.979	\$ 4.659.548	\$ 4.822.632	\$ 4.991.424	\$ 5.166.124	\$ 5.346.939	\$ 5.534.081	\$ 5.727.774	\$ 32.879.168
MEENORES EMISIONES GEI	\$ 36.408	\$ 37.682	\$ 39.001	\$ 40.366	\$ 41.778	\$ 43.241	\$ 44.754	\$ 46.321	\$ 47.942	\$ 49.620	\$ 51.356	\$ 294.802
REDUCCION DE LA TARIFA	\$ 115.654	\$ 119.702	\$ 123.892	\$ 128.228	\$ 132.716	\$ 137.361	\$ 142.168	\$ 147.144	\$ 152.294	\$ 157.625	\$ 163.142	\$ 936.482
TOTAL	\$ 4.212.589	\$ 4.360.029	\$ 4.512.630	\$ 4.670.572	\$ 4.834.042	\$ 5.003.234	\$ 5.178.347	\$ 5.359.589	\$ 5.547.175	\$ 5.741.326	\$ 5.942.272	\$ 34.110.451

COSTOS												VPN COSTOS
COSTOS DE VIGILANCIA	\$ 302	\$ 314	\$ 327	\$ 340	\$ 353	\$ 367	\$ 382	\$ 397	\$ 413	\$ 430	\$ 447	
COSTOS DE ETIQUETADO	\$ 62.720,00	\$ 64.915,20	\$ 67.187,23	\$ 69.538,79	\$ 71.972,64	\$ 74.491,69	\$ 77.098,89	\$ 79.797,36	\$ 82.590,26	\$ 85.480,92	\$ 88.472,75	\$ 507.861
MATERIALES COMPUESTOS BIOBASADOS	\$ 1.270.080	\$ 1.320.883	\$ 1.373.719	\$ 1.428.667	\$ 1.485.814	\$ 1.545.247	\$ 1.607.056	\$ 1.671.339	\$ 1.738.192	\$ 1.807.720	\$ 1.880.029	\$ 10.512.384
OTROS COSTOS												
TOTAL	\$ 1.333.102	\$ 1.386.112	\$ 1.441.232	\$ 1.498.546	\$ 1.558.140	\$ 1.620.106	\$ 1.684.537	\$ 1.751.533	\$ 1.821.196	\$ 1.893.631	\$ 1.968.948	\$ 11.022.745

RBC	3,09
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ANÁLISIS DE IMPACTO NORMATIVO (AIN)

TABLA RELACION B/C SUSTITUTOS PUSU ALTERNATIVA 4. REGULAR (ADITIVOS)



INPUTS		
CREC. POBLACIONAL	0,035	Dane
IPC	4%	Dane
precio ton compost	200.000	Promedio varias fuentes
TRM promedio 2024	\$ 4.000	Banrep

TONELADAS AL AÑO DE PLASTICOS	1.400.000	1.449.000	1.499.715	1.552.205	1.606.532	1.662.761	1.720.957	1.781.191	1.843.533	1.908.056	1.974.838
TONELADAS AL AÑO PUSU (0.56%)	784.000	811.440	839.840	869.235	899.658	931.146	963.736	997.467	1.032.378	1.068.512	1.105.909
% RECICLAIE	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30
TONELADAS RECICLADAS AL AÑO	235.200	243.432	251.952	260.770	269.897	279.344	289.121	299.240	309.713	320.553	331.773
PUSU (PRIMER PAQUETE)	31.360	32.458	33.594	34.769	35.986	37.246	38.549	39.899	41.295	42.740	44.236
PUSU (SEGUNDO PAQUETE)								119.696	123.885	128.221	132.709
TOTAL PUSU (PRIMER Y SEGUNDO)	31.360	32.458	33.594	34.769	35.986	37.246	38.549	159.595	165.181	170.962	176.946
TOTAL PUSU (4%+12%)											

BENEFICIOS	AÑOS											VPN
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	
REDUCCION EN CONTAMINACION EN OCEANO	\$ 4.060.526.982.400	\$ 4.202.645.426.784	\$ 4.349.738.016.721	\$ 4.501.978.847.307	\$ 4.659.548.106.962	\$ 4.822.632.290.706	\$ 4.991.424.420.881	\$ 5.166.124.275.612	\$ 5.346.938.625.258	\$ 5.534.081.477.142	\$ 5.727.774.328.842	\$ 32.879.167.613.179
MEÑORES EMISIONES GEI	\$ 36.407.548.800	\$ 37.681.813.008	\$ 39.000.676.463	\$ 40.365.700.139	\$ 41.778.499.644	\$ 43.240.747.132	\$ 44.754.173.282	\$ 46.320.569.346	\$ 47.941.789.274	\$ 49.619.751.898	\$ 51.356.443.215	\$ 294.801.611.852
REDUCCION DE LA TARIFA	\$ 115.654.112.000	\$ 119.702.005.920	\$ 123.891.576.127	\$ 128.227.781.292	\$ 132.715.753.637	\$ 137.360.805.014	\$ 142.168.433.190	\$ 147.144.328.351	\$ 152.294.379.844	\$ 157.624.683.138	\$ 163.141.547.048	\$ 936.482.124.139
OTROS BENEFICIOS												
TOTAL	\$ 4.212.588.643.200	\$ 4.360.029.245.712	\$ 4.512.630.269.312	\$ 4.670.572.328.738	\$ 4.834.042.360.244	\$ 5.003.233.842.852	\$ 5.178.347.027.352	\$ 5.359.589.173.309	\$ 5.547.174.794.375	\$ 5.741.325.912.178	\$ 5.942.272.319.105	\$ 34.110.451.349.170

COSTOS												
COSTOS DE VIGILANCIA	\$ 302.000.000	\$ 314.080.000	\$ 326.643.200	\$ 339.708.928	\$ 353.297.285	\$ 367.429.177	\$ 382.126.344	\$ 397.411.397	\$ 413.307.853	\$ 429.840.167	\$ 447.033.774	\$ 2.499.637.910
COSTOS DE ETIQUETADO	\$ 62.720.000.000	\$ 64.915.200.000	\$ 67.187.232.000	\$ 69.538.785.120	\$ 71.972.642.599	\$ 74.491.685.090	\$ 77.098.894.068	\$ 79.797.355.361	\$ 82.590.262.798	\$ 85.480.921.996	\$ 88.472.754.266	\$ 507.860.531.807
MATERIALES PLASTICOS CON ADITIVOS	\$ 3.139.637.383.680	\$ 3.253.289.384.218	\$ 3.371.050.968.998	\$ 3.505.169.082.130	\$ 3.640.371.944.309	\$ 3.789.385.316.285	\$ 3.944.370.168.668	\$ 4.105.561.963.706	\$ 4.249.256.632.435	\$ 4.397.980.614.571	\$ 4.551.909.936.081	\$ 25.775.097.425.457
OTROS COSTOS												
TOTAL	\$ 3.202.659.383.680	\$ 3.318.518.664.218	\$ 3.438.564.844.198	\$ 3.575.047.576.178	\$ 3.712.697.884.193	\$ 3.864.244.430.552	\$ 4.021.851.189.080	\$ 4.185.756.730.464	\$ 4.332.260.203.087	\$ 4.483.891.376.734	\$ 4.640.829.724.121	\$ 26.285.457.595.174

BENEFICIOS	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	VPN
REDUCCION EN CONTAMINACION EN OCEANO	\$ 4.060.526.98	\$ 4.202.645,43	\$ 4.349.738,02	\$ 4.501.978,85	\$ 4.659.548,11	\$ 4.822.632,29	\$ 4.991.424,42	\$ 5.166.124,28	\$ 5.346.938,63	\$ 5.534.081,48	\$ 5.727.774,33	\$ 32.879.168
MEÑORES EMISIONES GEI	\$ 36.407,55	\$ 37.681,81	\$ 39.000,68	\$ 40.365,70	\$ 41.778,50	\$ 43.240,75	\$ 44.754,17	\$ 46.320,57	\$ 47.941,79	\$ 49.619,75	\$ 51.356,44	\$ 294.802
REDUCCION DE LA TARIFA	\$ 115.654,11	\$ 119.702,01	\$ 123.891,58	\$ 128.227,78	\$ 132.715,75	\$ 137.360,81	\$ 142.168,43	\$ 147.144,33	\$ 152.294,38	\$ 157.624,68	\$ 163.141,55	\$ 936.482
TOTAL	\$ 4.212.588,64	\$ 4.360.029,25	\$ 4.512.630,27	\$ 4.670.572,33	\$ 4.834.042,36	\$ 5.003.233,84	\$ 5.178.347,03	\$ 5.359.589,17	\$ 5.547.174,79	\$ 5.741.325,91	\$ 5.942.272,32	\$ 34.110.451

COSTOS												
COSTOS DE VIGILANCIA	\$ 302	\$ 314	\$ 327	\$ 340	\$ 353	\$ 367	\$ 382	\$ 397	\$ 413	\$ 430	\$ 447	\$ 2.500
COSTOS DE ETIQUETADO	\$ 62.720,00	\$ 64.915,20	\$ 67.187,23	\$ 69.538,79	\$ 71.972,64	\$ 74.491,69	\$ 77.098,89	\$ 79.797,36	\$ 82.590,26	\$ 85.480,92	\$ 88.472,75	\$ 507.861
MATERIALES PLASTICOS CON ADITIVOS	\$ 3.139.637	\$ 3.253.289	\$ 3.371.051	\$ 3.505.169	\$ 3.640.372	\$ 3.789.385	\$ 3.944.370	\$ 4.105.562	\$ 4.249.257	\$ 4.397.981	\$ 4.551.910	\$ 25.775.097
OTROS COSTOS												
TOTAL	\$ 3.202.659,38	\$ 3.318.518,66	\$ 3.438.564,84	\$ 3.575.047,58	\$ 3.712.697,88	\$ 3.864.244,43	\$ 4.021.851,19	\$ 4.185.756,73	\$ 4.332.260,20	\$ 4.483.891,38	\$ 4.640.829,72	\$ 26.285.458

RBC	1,30
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