

Likviditetsberegninger

Forudsætninger for værdiansættelsen

Billetprisen stiger med	1,50%
Driftsudgifterne stiger med	1,50%
Subjektiv rentefod før skat	5,00%
Subjektiv rentefod efter skat	4,31%
Rente anden gæld	3,00%

Kattegatbroen - 2018 - priser som hos Molslinjen

År	Indtægt	Driftsudgifter	Dækningsbidrag	Prioritetsrenter	Andre renteudgifter	Afskrivninger	Skattemæssigt overskud	Skat % 22%	Afdrag	Udbetalt udbytte	Likviditetsmæssigt overskud	Akkumuleret likviditetsmæss. overskud	Prioritetsrestgæld	Anden gæld	Nye anlæg	Akk. nye anlæg	Anden gæld i alt	År	Broens værdi	Indre værdi
1	5.460.953.152	770.000.000	4.690.953.152	6.358.500.000	2.080.000.000	-3.747.546.848	-824.460.307				-843.086.541	-843.086.541	211.950.000.000	843.086.541	-		843.086.541	1	208.039.331.879	-3.910.668.121
2	5.736.867.810	781.550.000	4.955.317.810	6.358.500.000	25.292.596	2.080.000.000	-3.508.474.786	-771.864.453			-656.610.333	-1.499.696.875	211.950.000.000	1.499.696.875	-		1.499.696.875	2	221.516.894.777	8.067.197.902
3	6.026.723.056	793.273.250	5.233.449.806	6.358.500.000	44.990.906	2.080.000.000	-3.250.041.100	-715.009.042			-455.032.058	-1.954.728.933	211.950.000.000	1.954.728.933	-		1.954.728.933	3	228.359.062.459	14.454.333.526
4	6.331.223.239	805.172.349	5.526.050.890	6.358.500.000	58.641.868	2.080.000.000	-2.971.090.978	-653.640.015			-237.450.963	-2.192.179.896	211.950.000.000	2.192.179.896	-		2.192.179.896	4	235.255.734.034	21.113.554.138
5	6.651.108.293	817.249.934	5.833.858.359	6.358.500.000	65.765.397	2.080.000.000	-2.670.407.038	-587.489.548			-2.917.490	-2.195.097.386	211.950.000.000	2.195.097.386	-		2.195.097.386	5	242.194.503.258	28.049.405.872
6	6.987.155.539	829.508.683	6.157.646.856	6.358.500.000	65.852.922	2.080.000.000	-2.346.706.065	-516.275.334			249.569.269	-1.945.528.117	211.950.000.000	1.945.528.117	-		1.945.528.117	6	249.161.570.059	35.266.041.943
7	7.340.181.573	841.951.313	6.498.230.260	6.358.500.000	58.365.844	2.080.000.000	-1.998.635.584	-439.699.828			521.064.244	-1.424.463.872	211.950.000.000	1.424.463.872	-		1.424.463.872	7	256.141.631.625	42.767.167.753
8	7.711.044.247	854.580.583	6.856.463.664	6.358.500.000	42.733.916	2.080.000.000	-1.624.770.252	-357.449.456			812.679.203	-611.784.669	211.950.000.000	611.784.669	-		611.784.669	8	263.117.766.064	50.555.981.395
9	8.100.644.757	867.399.292	7.233.245.466	6.358.500.000	18.353.540	2.080.000.000	-1.223.608.074	-269.193.776			1.125.585.702	513.801.033	211.950.000.000	-513.801.033	-		-513.801.033	9	270.071.308.172	58.635.109.204
10	8.509.929.834	880.410.281	7.629.519.553	6.358.500.000	-15.414.031	2.080.000.000	-793.566.416	-174.584.612			1.461.018.195	1.974.819.228	211.950.000.000	-1.974.819.228	-		-1.974.819.228	10	276.981.716.786	67.006.536.014
11	8.939.894.038	893.616.435	8.046.277.603	6.358.500.000	-59.244.577	2.080.000.000	-332.977.820	-73.255.120			1.820.277.300	3.795.096.528	211.950.000.000	-3.795.096.528	-		-3.795.096.528	11	283.826.433.222	75.671.529.751
12	9.391.582.185	907.020.682	8.484.561.503	6.358.500.000	-113.852.896	2.080.000.000	159.914.399	35.181.168			2.204.733.231	5.999.829.760	211.950.000.000	-5.999.829.760	-		-5.999.829.760	12	290.580.730.204	84.630.559.963
13	9.866.091.875	920.625.992	8.945.465.883	6.358.500.000	-179.994.893	2.080.000.000	686.960.775	151.131.371			2.615.829.405	8.615.659.164	211.950.000.000	-8.615.659.164	-		-8.615.659.164	13	297.217.550.707	93.883.209.871
14	10.364.576.167	934.435.382	9.430.140.785	6.358.500.000	-258.469.775	2.080.000.000	1.250.110.560	275.024.323			3.055.086.237	11.670.745.401	211.950.000.000	-11.670.745.401	-		-11.670.745.401	14	303.707.336.081	103.428.081.482
15	10.888.246.377	948.451.913	9.939.794.465	6.358.500.000	-350.122.362	2.080.000.000	1.851.416.827	407.311.702			3.524.105.125	15.194.850.526	211.950.000.000	-15.194.850.526	-		-15.194.850.526	15	310.017.842.773	113.262.693.299
16	11.438.375.026	962.678.691	10.475.696.334	6.358.500.000	-455.845.516	2.080.000.000	2.493.041.850	548.469.207			4.024.572.643	19.219.423.169	211.950.000.000	-19.219.423.169	-		-19.219.423.169	16	316.113.946.946	123.383.370.114
17	12.016.298.924	977.118.872	11.039.180.052	6.358.500.000	-576.582.695	2.080.000.000	3.177.262.747	698.997.804			4.558.264.943	23.777.688.112	211.950.000.000	-23.777.688.112	-		-23.777.688.112	17	321.957.436.234	133.785.124.346
18	12.623.422.427	991.775.655	11.631.646.772	6.358.500.000	-713.330.643	2.080.000.000	3.906.477.416	859.425.031			5.127.052.384	28.904.740.496	211.950.000.000	-28.904.740.496	-		-28.904.740.496	18	327.506.787.848	144.461.528.343
19	13.261.220.845	1.006.652.290	12.254.568.555	6.358.500.000	-867.142.215	2.080.000.000	4.683.210.770	1.030.306.369			5.732.904.401	34.637.644.897	211.950.000.000	-34.637.644.897	-		-34.637.644.897	19	332.716.932.157	155.404.577.054
20	13.931.244.028	1.021.752.074	12.909.491.954	6.358.500.000	-1.039.129.347	2.080.000.000	5.510.121.301	1.212.226.686			6.377.894.615	41.015.539.512	211.950.000.000	-41.015.539.512	2.693.710.013	2.693.710.013	-38.321.829.499	20	337.539.000.885	163.910.830.383
21	14.140.212.689	1.037.078.355	13.103.134.334	6.358.500.000	-1.149.654.885	2.080.000.000	5.814.289.219	1.279.143.628			6.615.145.591	47.630.685.102	211.950.000.000	-47.630.685.102	-	2.693.710.013	-44.936.975.089	21	345.108.676.394	178.095.651.483
22	14.352.315.879	1.052.634.530	13.299.681.349	6.358.500.000	-1.348.109.253	2.080.000.000	6.209.290.601	1.366.043.932			6.923.246.669	54.553.931.771	211.950.000.000	-54.553.931.771	-	2.693.710.013	-51.860.221.758	22	350.173.110.897	190.083.332.655
23	14.567.600.617	1.068.424.048	13.499.176.569	6.358.500.000	-1.555.806.653	2.080.000.000	6.616.483.222	1.455.626.309			7.240.856.913	61.794.788.684	211.950.000.000	-61.794.788.684	-	2.693.710.013	-59.101.078.671	23	355.297.902.136	202.448.980.807
24	14.786.114.626	1.084.450.409	13.701.664.217	6.358.500.000	-1.773.032.360	2.080.000.000	7.036.196.578	1.547.963.247			7.568.233.330	69.363.022.015	211.950.000.000	-69.363.022.015	-	2.693.710.013	-66.669.312.002	24	360.483.174.972	215.202.486.973
25	15.007.906.346	1.100.717.165	13.907.189.181	6.358.500.000	-2.000.079.360	2.080.000.000	7.468.768.541	1.643.129.079			7.905.639.462	77.268.661.476	211.950.000.000	-77.268.661.476	-	2.693.710.013	-74.574.951.463	25	365.729.017.115	228.353.968.579
26	15.233.024.941	1.117.227.923	14.115.797.018	6.358.500.000	-2.237.248.544	510.000.000	9.484.545.562	2.086.600.024			7.907.945.539	85.176.607.015	211.950.000.000	-85.176.607.015	-	2.693.710.013	-82.482.897.002	26	371.035.476.617	241.568.373.619
27	15.461.520.315	1.133.986.342	14.327.533.974	6.358.500.000	-2.474.486.910	510.000.000	9.933.520.884	2.185.374.594			8.258.146.289	93.434.753.304	211.950.000.000	-93.434.753.304	-	2.693.710.013	-90.741.043.291	27	376.402.559.224	255.193.602.515
28	15.693.443.120	1.150.996.137	14.542.446.983	6.358.500.000	-2.722.231.299	510.000.000	10.396.178.282	2.287.159.222			8.619.019.060	102.053.772.364	211.950.000.000	-102.053.772.364	-	2.693.710.013	-99.360.062.351	28	381.830.225.593	269.240.287.944
29	15.928.844.767	1.168.261.079	14.760.583.688	6.358.500.000	-2.980.801.871	510.000.000	10.872.885.559	2.392.034.823			8.990.850.736	111.044.623.100	211.950.000.000	-111.044.623.100	-	2.693.710.013	-108.350.913.087	29	387.318.388.356	283.719.301.443
30	16.167.777.438	1.185.784.995	14.981.992.443	6.358.500.000	-3.250.527.393	510.000.000	11.364.019.836	2.500.084.364			9.373.935.472	120.418.558.572	211.950.000.000	-120.418.558.572	-	2.693.710.013	-117.724.848.559	30	392.866.909.029	298.641.757.588
31	16.410.294.100	1.203.571.770	15.206.722.330	6.358.500.000	-3.531.745.457	510.000.000	11.869.967.787	2.611.392.913			9.768.574.874	130.187.133.446	211.950.000.000	-130.187.133.446	-	2.693.710.013	-127.493.423.433	31	398.475.594.755	314.019.018.188
32	16.656.448.511	1.221.625.346	15.434.823.165	6.358.500.000	-3.824.802.703	510.000.000	12.391.125.868	2.726.047.691			10.175.078.177	140.362.211.623	211.950.000.000	-140.362.211.623	-	2.693.710.013	-137.668.501.610	32	404.144.194.872	329.862.696.481
33	16.906.295.239	1.239.949.727	15.666.345.512	6.358.500.000	-4.130.055.048	510.000.000	12.927.900.561	2.844.138.123			10.593.762.437	150.955.974.060	211.950.000.000	-150.955.974.060	-	2.693.710.013	-148.262.264.047	33	409.872.397.300	346.184.661.347
34	17.159.889.668	1.258.548.972	15.901.340.695	6.358.500.000	-4.447.867.921	510.000.000	13.480.708.617	2.965.755.896			11.024.952.721	161.980.926.781	211.950.000.000	-161.980.926.781	-	2.693.710.013	-159.287.216.768	34	415.659.824.740	362.997.041.507
35	17.417.288.013	1.277.427.207	16.139.860.806	6.358.500.000	-4.778.616.503	510.000.000	14.049.977.309	3.090.995.008			11.468.982.30									

5,0% alternativ investering	90% af indre værdi	Nutids- Intern rente værdi af irente udbytter	#####	Nutids- værdi af afkast	Afkast %
-3.910.668.121	-3.519.601.309	-	1	-3.910.668.121	#####
-4.106.201.527	1.752.532.901	-	0,0000000	0	#####
-4.311.511.604	7.260.478.112	-	0,0000000	0	#####
-4.527.087.184	13.008.900.174	-	0,0000000	0	#####
-4.753.441.543	19.002.198.724	-	0,0000000	0	#####
-4.991.113.620	25.244.465.285	-	0,0000000	0	#####
-5.240.669.301	31.739.437.748	-	0,0000000	0	#####
-5.502.702.767	38.490.450.977	-	0,0000000	0	#####
-5.777.837.905	45.500.383.256	-	0,0000000	0	#####
-6.066.729.800	52.771.598.284	-	0,0000000	0	#####
-6.370.066.290	60.305.882.413	-	0,0000000	0	#####
-6.688.569.605	68.104.376.776	-	0,0000000	0	#####
-7.022.998.085	76.167.503.967	-	0,0000000	0	#####
-7.374.147.989	84.494.888.884	-	0,0000000	0	#####
-7.742.855.389	93.085.273.334	-	0,0000000	0	#####
-8.129.998.158	101.936.423.969	-	0,0000000	0	#####
-8.536.498.066	111.045.033.103	-	0,0000000	0	#####
-8.963.322.969	120.406.611.912	-	0,0000000	0	#####
-9.411.489.118	130.015.375.509	-	-	-	#####
-9.882.063.573	139.864.119.348	-	-	-	#####
-10.376.166.752	147.519.747.345	-	-	-	#####
-10.894.975.090	160.286.086.335	-	-	-	#####
-11.439.723.844	171.074.999.390	-	-	-	#####
-12.011.710.036	182.204.082.726	-	-	-	#####
-12.612.295.538	193.682.238.276	-	-	-	#####
-13.242.910.315	205.518.571.721	-	-	-	#####
-13.905.055.831	217.411.536.257	-	-	-	#####
-14.600.308.623	229.674.242.264	-	-	-	#####
-15.330.324.054	242.316.259.149	-	-	-	#####
-16.096.840.256	255.347.371.298	-	-	-	#####
-16.901.682.269	268.777.581.829	-	-	-	#####
-17.746.766.383	282.617.116.369	-	-	-	#####
-18.634.104.702	296.876.426.833	-	-	-	#####
-19.565.809.937	311.566.195.212	-	-	-	#####
-20.544.100.434	326.697.337.357	-	-	-	#####
-21.571.305.455	342.281.006.760	-	-	-	#####