

CO2 udledning (ton)* - DN-klimakommune		
	2019	2020
Opvarmning	1.343	1.215
El-bygninger	738	665
Kørsel	1.442	1.121
Gadebelysning	153	139
<b>Samlet</b>	<b>3.675</b>	<b>3.140</b>
<b>Mål</b>		<b>3.601</b>

\*Emissionsfaktorerne er fastholdt på 2019-niveau.

Udvikling i CO2-udledning* - DN-klimakommune												
	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Opvarmning	-10%	-10%	-6%	-6%	-5%	-2%	0%	-9%	-2%	-21%	-3%	-9%
El-bygninger	-3%	14%	-10%	-10%	-9%	5%	-6%	0%	-1%	-2%	-3%	-10%
Kørsel	-2%	9%	-2%	0%	0%	0%	-3%	-4%	-3%	2%	-1%	-22%
Gadebelysning	-6%	4%	-7%	1%	-1%	-13%	-2%	-7%	-2%	-12%	-23%	-9%
<b>I alt</b>	<b>-6%</b>	<b>3%</b>	<b>-7%</b>	<b>-5%</b>	<b>-4%</b>	<b>-1%</b>	<b>-3%</b>	<b>-5%</b>	<b>-2%</b>	<b>-9%</b>	<b>-3%</b>	<b>-15%</b>
<b>Mål</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>	<b>-2%</b>

\* Emissionsfaktorerne er fastholdt fra forrige år.

CO2-udledning (ton)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Opvarmning	3.268	2.947	2.631	2.595	2.397	2.307	2.226	2.166	2.001	1.978	1.574	1.343	1.197
El-bygninger	3.004	2.962	3.223	2.451	1.766	1.991	1.694	1.054	1.339	987	1.032	738	589
Kørsel	1.493	1.463	1.593	1.568	1.574	1.578	1.582	1.539	1.477	1.426	1.455	1.442	1.121
Gadebelysning	987	938	933	727	591	730	510	334	394	287	270	153	123
<b>I alt</b>	<b>8.753</b>	<b>8.310</b>	<b>8.380</b>	<b>7.340</b>	<b>6.328</b>	<b>6.606</b>	<b>6.012</b>	<b>5.094</b>	<b>5.211</b>	<b>4.678</b>	<b>4.332</b>	<b>3.675</b>	<b>3.030</b>
<b>Reduktionsmål</b>	<b>8.753</b>	<b>8.578</b>	<b>8.144</b>	<b>8.212</b>	<b>7.193</b>	<b>6.202</b>	<b>6.474</b>	<b>5.892</b>	<b>4.992</b>	<b>4.892</b>	<b>4.795</b>	<b>4.699</b>	<b>4.605</b>

## Udvikling i CO2-udledning i forhold til 2008

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Opvarmning	0%	-10%	-20%	-21%	-27%	-29%	-32%	-34%	-39%	-39%	-52%	-59%	-63%
El-bygninger	0%	-1%	7%	-18%	-41%	-34%	-44%	-65%	-55%	-67%	-66%	-75%	-80%
Kørsel	0%	-2%	7%	5%	5%	6%	6%	3%	-1%	-5%	-3%	-3%	-25%
Gadebelysning	0%	-5%	-6%	-26%	-40%	-26%	-48%	-66%	-60%	-71%	-73%	-85%	-88%
<b>I alt</b>	<b>0,0%</b>	<b>-5,1%</b>	<b>-4,3%</b>	<b>-16,1%</b>	<b>-27,7%</b>	<b>-24,5%</b>	<b>-31,3%</b>	<b>-41,8%</b>	<b>-40,5%</b>	<b>-46,6%</b>	<b>-50,5%</b>	<b>-58,0%</b>	<b>-65,4%</b>
<b>Mål (2% i forhold til året før)</b>	<b>0,0%</b>	<b>-2,0%</b>	<b>-4,0%</b>	<b>-5,9%</b>	<b>-7,8%</b>	<b>-9,6%</b>	<b>-11,4%</b>	<b>-13,2%</b>	<b>-14,9%</b>	<b>-16,6%</b>	<b>-18,3%</b>	<b>-19,9%</b>	<b>-21,5%</b>

## OPVARMNING

### Varmeforbrug (kWh)

Graddagekorrigeret	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Fjernvarme	15.301.918	13.187.316	11.492.703	14.459.787	12.683.136	13.892.810	13.318.723	13.487.780	12.247.637	12.788.855	12.104.216	10.384.059	10.045.637
Olie	4.000.080	3.768.295	3.381.650	2.679.373	2.154.446	1.997.863	2.143.335	2.088.504	1.717.214	1.575.385	1.021.945	318.390	353.048
Naturgas	7.853.818	7.135.368	6.543.152	6.690.053	6.541.761	6.214.795	5.744.944	5.562.333	5.208.635	5.033.843	3.565.318	4.424.483	3.774.313
El (incl. varmepumper)	687.864	518.832	404.413	313.508	450.869	330.989	389.809	527.234	568.968	685.242	979.577	1.059.262	1.089.240
<b>I alt</b>	<b>27.843.680</b>	<b>24.609.811</b>	<b>21.821.918</b>	<b>24.142.722</b>	<b>21.830.211</b>	<b>22.436.456</b>	<b>21.596.812</b>	<b>21.665.851</b>	<b>19.742.454</b>	<b>20.083.325</b>	<b>17.671.056</b>	<b>16.186.193</b>	<b>15.262.239</b>

I alt CO2 (ton)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Faktisk	3.268	2.947	2.631	2.595	2.397	2.307	2.226	2.166	2.001	1.978	1.574	1.343	1.197
Fastholdt (Emissionsfaktor fra året før)	3.268	2.944	2.639	2.484	2.431	2.282	2.255	2.220	1.971	1.971	1.562	1.531	1.215

### Graddage

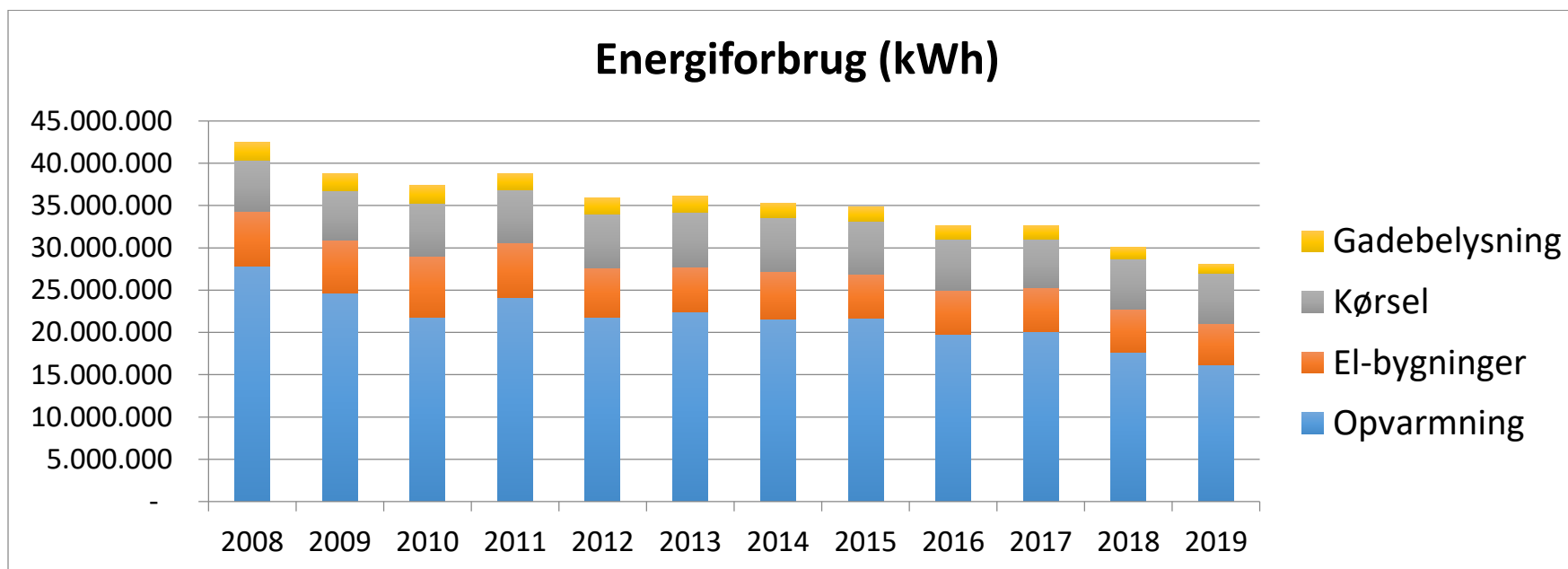
Graddage	2607	2857	3490	2733	2918	2890	2479	2278	2526	2457	2468	2671,5	2485,1	2906	2906	2906	2906	2906
Korrektion	1,11	1,02	0,83	1,06	1,00	1,01	1,17	1,28	1,15	1,18	1,18	1,09	1,17	1,00	1,00	1,00	1,00	1,00
<b>Emissionsfaktorer (g/kWh)</b>																		
El (jf. Energinet.dk) 125% metoden + 5% nettab	464	470	449	378	303	377	304	202	256	191	204	150	133					
Fjernvarme (jf. Klimastrategi 2010 & Opgørelse fra	16,7	16,7	16,7	25,9	25,9	25,9	25,9	29,92	29,92	17,25	17,25	17,25	17,25	17,25	17,25	17,25	17,25	29,92
Naturgas (DN's vejledning)	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208	208
Olie (DN's vejledning)	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265

## EL-FORBRUG

Elforbrug (kWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Adm. Bygninger	501.494	744.042	705.424	695.198	702.405	660.737	621.068	629.479	570.620	571.581	592.059	587.410	547.031
Skoler	2.435.520	2.849.593	2.711.090	2.572.229	2.157.274	1.906.927	1.989.913	1.639.580	1.794.725	1.827.772	1.783.992	1.698.285	1.535.305
Daginstitutioner	406.516	380.455	453.200	436.355	443.247	409.127	451.291	503.207	588.573	503.545	500.712	461.487	449.082
Fritids- og ungdomsklubber	52.623	33.626	69.859	67.484	49.875	44.951	38.717	29.654	36.416	46.116	42.591	43.663	8.911
Behandlingscenter	253.298	119.593	285.275	232.348	268.180	264.235	259.144	245.021	277.761	275.998	255.765	241.709	228.733
Ældrepleje	1.275.828	542.915	1.260.861	633.152	584.649	464.427	341.859	263.957	250.068	248.216	95.497	92.811	90.574
Specialinstitutioner	337.348	404.469	583.955	569.002	506.022	432.994	469.314	429.510	457.670	428.165	495.034	478.655	439.020
Kulturinstitutioner	695.568	706.653	527.878	589.359	612.983	507.801	650.695	639.019	383.801	385.456	423.389	496.275	336.755
Andre kommunale bygninger	269.164	299.116	329.046	436.402	360.720	349.049	572.281	664.911	350.648	366.383	361.951	298.070	306.175
Multicenter Præstø									346.657	344.575	318.751	330.178	318.381
Sportshaller	247.495	221.376	252.002	251.460	144.348	240.498	176.628	175.935	172.554	167.912	188.439	189.175	171.031
<b>Ejendomscenter i alt</b>	<b>6.474.854</b>	<b>6.301.838</b>	<b>7.178.590</b>	<b>6.482.989</b>	<b>5.829.703</b>	<b>5.280.746</b>	<b>5.570.910</b>	<b>5.220.273</b>	<b>5.229.493</b>	<b>5.165.719</b>	<b>5.058.180</b>	<b>4.917.718</b>	<b>4.430.998</b>



<b>GADEBELYSNING</b>													
<b>Gadebelysning (kWh)</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Vordingborg Forsyning	1.594.439	1.513.593	1.476.534	1.676.884	1.703.860	1.690.023	1.678.645	1.653.465	1.537.929	1504258	1.325.955	1.016.768	925549
Seas-Nve (Præstø)	295.948	246.000	246.000	246.000	246.000	246000	0						
Seas-Nve (Møn)	237.232	237.000	354.983										
<b>Gadebelysning i alt</b>	<b>2.127.619</b>	<b>1.996.593</b>	<b>2.077.517</b>	<b>1.922.884</b>	<b>1.949.860</b>	<b>1.936.023</b>	<b>1.678.645</b>	<b>1.653.465</b>	<b>1.537.929</b>	<b>1.504.258</b>	<b>1.325.955</b>	<b>1.016.768</b>	<b>925.549</b>
<b>CO2 (ton)</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Faktisk	987	938	933	727	591	730	510	334	394	287	270	153	123
Fastholdt (emissionsfaktor fr:	987	926	976	863	737	587	633	503	311	385	253	207	139
<b>Emissionsfaktorer (g/kWh)</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
El (jf. Energinet.dk) 125% met	464	470	449	378	303	377	304	202	256	191	204	150	133



## CO<sub>2</sub> (ton)

