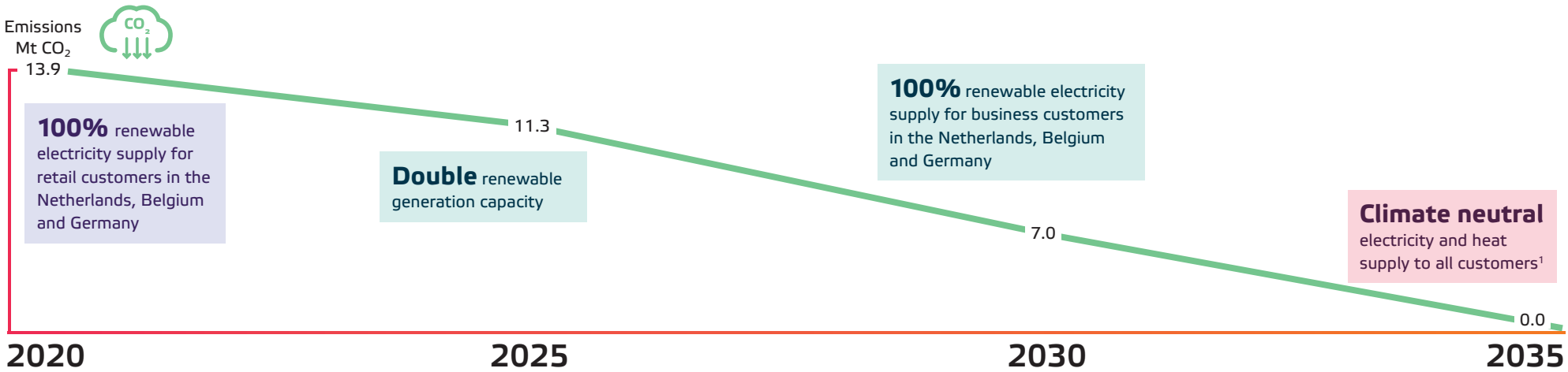


# Roadmap of carbon mitigation strategies & propositions

## Eneco targets and milestones



## Eneco actions scope 1&2

<ul style="list-style-type: none"> <li>● <b>Double renewable energy capacity</b> to 3200 MW in 2025</li> <li>● <b>50% share of sustainable heat</b> in district heating Utrecht in 2025</li> </ul>	<ul style="list-style-type: none"> <li>● <b>70% reduction CO<sub>2</sub> emissions</b> in all district heat networks in 2030 (pct. gasboiler households)</li> <li>● <b>Closure</b> of the Merwede gas-fired power plant</li> <li>● <b>Pilot projects</b> 24+ hour flex capacity starting</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Fuel switch to renewable gases</b> or closure of all large gas power plants before end of 2035</li> <li>● <b>Zero emissions electricity production:</b> carbon factor to 0 gram/kWh in 2035</li> <li>● <b>Sufficient CO<sub>2</sub>-free flexible power</b> provision to guarantee security of supply</li> </ul>
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## Eneco actions scope 3

<ul style="list-style-type: none"> <li>● <b>Scaling up hybrid heat pump and district heating,</b> stop sale of gas central heating boilers to households in 2025</li> <li>● <b>Green hydrogen for 550 houses</b> in demonstration project Stad aan 't Haringvliet</li> <li>● <b>Renewable heat solutions in the industry</b> of 300 MW causes reduction of 0.2 Mtonne CO<sub>2</sub></li> </ul>	<ul style="list-style-type: none"> <li>● <b>Installation of (hybrid) heat pumps</b> at ~45,000 households per year</li> <li>● <b>Installation of sustainable solutions</b> at ~1,000 business customers per year and 750,000 electric vehicle charge points</li> <li>● <b>Use of geothermal, aquathermal and/or residual heat</b> to make the heat supply of 50,000 homes in The Hague more sustainable</li> </ul>	<ul style="list-style-type: none"> <li>● <b>&gt; 300,000 homes connected to district heating</b> or heat-cold storage systems</li> <li>● <b>Supply of green gas or hydrogen</b> to customers</li> <li>● <b>Temporary compensation for residual emissions</b> of a maximum of 0.9 Mtonne CO<sub>2</sub> in 2035</li> </ul>
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<sup>1</sup> Incl. district heating, but without van peak load, <0.02Mt. About 6% will be temporarily compensated (e.g., reforestation projects)