

Our success in developing next-generation energy
that can change the world

made us the world's first company to reduce CO₂ emissions by 50%.

Eneco Plasma Fusion is a leading-edge technology that uses 70% water and 30% oil.
Japan's Eneco Holdings, Inc. has succeeded in developing a technology
that creates an emulsion fuel, mixing oil and water, a feat previously regarded as impracticable.
This emulsion fuel delivers performance virtually identical to that of 100% fossil fuel.



One benefit is a roughly 50% reduction in emissions of carbon dioxide (CO₂), a greenhouse gas.



This technology clears Japan's rigorous environmental standards and is already in practical use in buses, trucks and industrial equipment.



Interest has been intense both in Japan and internationally. Six countries have inked agreements with Eneco Holdings for the technology, and another 12 countries are expected to follow suit.



Further improvements are already in progress. At the experimental level, we have succeeded in boosting the water content to 87.5%.