How H2Gen® Works

Our proprietary H2Gen® technology produces clean hydrogen from water without the need for electricity, and converts industrial off-gases to concentrated CO2, creating economic value by using existing by-products responsible for today's industrial emissions.

Step 1: Feed

Once prepped, industrial off-gases and water enter our proprietary H2Gen system, where the process begins.

Step 2: Produce

Then, clean hydrogen is produced from water without electricity (differentiator No. 1), seamlessly integrating with existing trillion-dollar industrial infrastructure.

Step 3: Enable

Next, off-gases become high concentration CO2, creating a valuable stream (differentiator No. 2), from existing residual by-products responsible for emissions, enabling economic carbon capture.

Step 4: Utilize

Ultimately, hydrogen and CO2 are put to work, used directly by the customer or captured for downstream application, depending on the customer's needs.

At Utility, we enable economic industrial decarbonization.

Last Updated 11.2.2026