

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: Enable

Next, off-gases become high concentration CO₂, creating a valuable stream (differentiator No. 1), from existing residual by-products responsible for emissions.

Step 3: Produce

Then, clean hydrogen is produced from water without electricity (differentiator No. 2), seamlessly integrating with existing trillion-dollar industrial infrastructure.

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.