



Clean Circular Hydrogen (CCH₂)

A Standalone Hydrogen Classification & Technology Platform

Hydrogen produced through the SRS (Selective Residue Solvolysis) process is defined as **Clean Circular Hydrogen (CCH₂)** — a standalone hydrogen classification that does not fall within conventional categories such as green, blue, gray, turquoise, or other color-based definitions.

The SRS process, in its entirety, represents a standalone technology platform, distinct from incineration, pyrolysis, plasma gasification, and conventional thermal conversion systems. It operates as a **non-combustion, closed-loop process** that converts municipal solid waste into **Hydrosolvent — a unique, non-combustible liquid energy carrier** — and subsequently **into hydrogen through oxygen-starved gasification** and recovery processes.

This integrated approach provides a sustainable alternative to landfill disposal and is designed to **align with stringent environmental standards**, including those applied in **Germany** and the **State of California**.