



HYDROGEN PRODUCTION STORAGE AND DELIVERY

RHIZOME2 STATION

RHizome2 **optimises hydrogen production** and energy usage in key locations

The RHizome2 hydrogen production, storage and delivery station is designed with efficiency in mind. Power consumption is minimised, as we use the latest, state of the art technologies.

Space and size are optimised due to our extensive expertise in process system integration. The station accounts for all potential uses for the hydrogen produced, but also for by-products such as pure oxygen and clean water.

On a larger scale, hydrogen produced using off peak renewable electricity maximises the potential of wind and solar installations, bringing our world ever closer to the Zero Emission by 2050 target.



Certificate No:319502019

System Integration Experts

Key Figures

- **Production rate:** 100Nm³/hr
Moderate production allowing for installation in any location
- **Purity:** 99.999%
High purity hydrogen to be used in fuel cells for power and mobility
- **Pressure:** Up to 1000 bar
High pressure delivery for fast vehicle refuelling
- **Max storage:** 1000kg
Supply and demand flexibility with local storage
- **Power:** ~1MW
Moderate size plant, that produces, purifies and compresses hydrogen using green electricity

Applications



Industry



Mobility



Grid Balancing



Cooking



Gas enhancement



Pure water