

GREEN HYDROGEN

1. Match the following characteristics of green hydrogen with their definition:

VERSATILE

Hydrogen is easy to store, which means it can then be used for other purposes and at other times than when it was produced.

100%
SUSTAINABLE

Hydrogen can be transformed into electricity or synthetic fuels and used for domestic, commercial, industrial or mobility purposes.

STORABLE

Hydrogen can be transformed into electricity or synthetic fuels and used for domestic, commercial, industrial or mobility purposes.

TRANSPORTABLE

It can be blended with natural gas up to 20% and can travel through the same channels and infrastructure as gas.

2. Circle the disadvantages of Green Hydrogen:

MORE
EXPENSIVE

DIFFICULT
TO STORE

HIGHER
ENERGY
CONSUMPTION

HIGHLY
POLLUTING

RADIOACTIVE

A VERY
VOLATILE AND
FLAMMABLE
ELEMENT

DIFFICULT TO
TRANSPORT

RISK TO
HEALTH