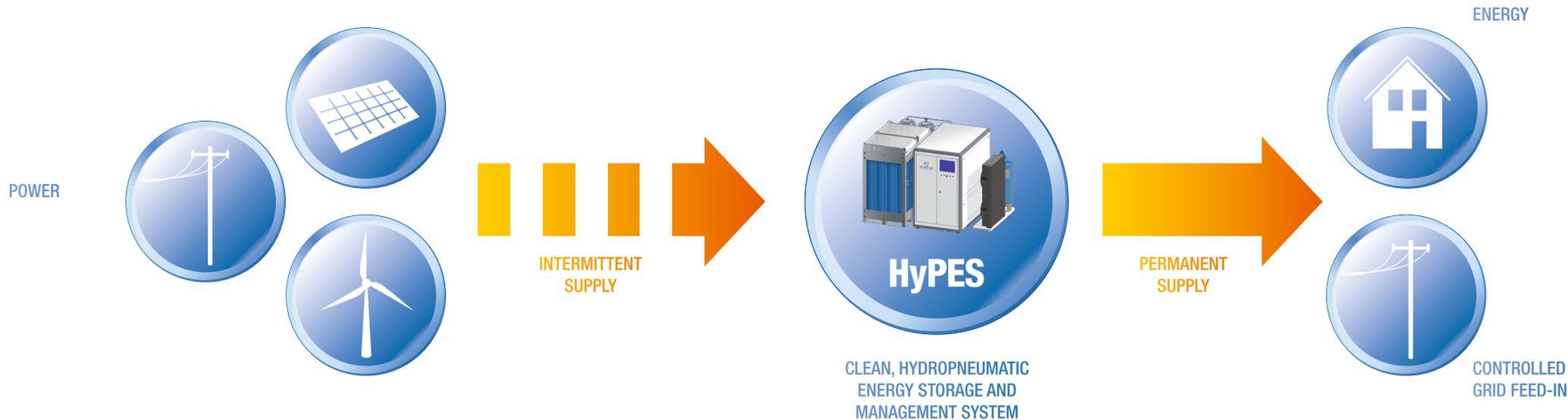




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You just connect your power sources to the input, your applications to the output, HyPES takes care of the rest.

Thanks to its innovative technology based on an original “liquid piston (water)” compression-expansion concept, HyPES system automatically and efficiently stores the power surplus in the form of compressed air, which is later converted back into electricity to compensate power shortages. Thus a safe and high quality power supply is guaranteed all the time (day or night, come rain or shine, wind or calm, power or power cuts...).

Applications

Autonomy

Clean energy autonomy for standalone applications powered by wind and/or photovoltaic sources in remote areas (islands, mountain...).

Power quality/energy management

Wind and photovoltaic power smoothing, scheduling or dispatching; peak power shaving, load leveling, uninterruptible power supply (UPS).

Compressed air

Production of high pressure compressed air, fast filling stations for compressed air cars.

Benefits

Clean and sustainable solution

The HyPES technology uses natural components (water and air) and easy to recycle metals (aluminum, steel). It relies on hydro-pneumatic and power electronics technological bases, proven and well established in the industry, which ensure a high reliability for more than 20 years with no impact on the environment.

Integrated turnkey solution

HyPES takes care of power quality, security, management and backup. Users only have to plug in their power sources and loads. Nothing could be simpler.

Economical solution

HyPES system is the most cost effective integrated power management and backup solution on the market, thanks to the combination of a competitive price, a long service life and very low maintenance and operation costs.