

PRODUCT DESCRIPTION / ENGLISH

Water from air. New options for your site.

LCG BlueVANTAGE combines atmospheric water generation with treatment, storage and a suitable energy supply. The focus is an additional local water source, adapted to the climate, intended use and demand.



Symbolic application example: a hotel site in the Mediterranean.

01 Generate water

Ambient air humidity is considered as a potential water source. Temperature and relative humidity strongly influence the potential of each location.

02 Plan water quality

Treatment, hygienic storage and quality checks are tailored to the intended use. Suitability for drinking-water use must be demonstrated.

03 Integrate energy

Available energy sources and operating demand are assessed together. Solar PV, storage or LCG EnergyCELL may be considered according to the project.

Assess a pilot location together

For hotels, resorts, island and coastal locations, and businesses with additional water needs. For an initial discussion, please share the location, use, desired water demand and existing energy supply.

Under development: water yield, energy demand, water quality and economics are assessed for each site. No blanket guarantees are made for daily volumes, savings or complete self-sufficiency.