

Green Money in Grey Spaces

Eaton's **UPS-as-a-Reserve (UPSaaSR)** is the first data center solution that lets organisations **earn from their UPS investment**.

The concept puts data centers in control of their energy, choosing how much capacity to offer, when, and at what price.



The Eaton energy solution enables data centers to contribute to renewable energy and earn from investments.


Eaton estimates global **power capacity for the world's data centers at 47.5 GW**.



That's equivalent to **125%** of total energy used by a country the size of the UK each year

By 2027 the world's data centers will consume roughly treble the amount of electricity

Datacenters play a role in power grid:

 **3%** of global energy use

 **2%** of greenhouse gases

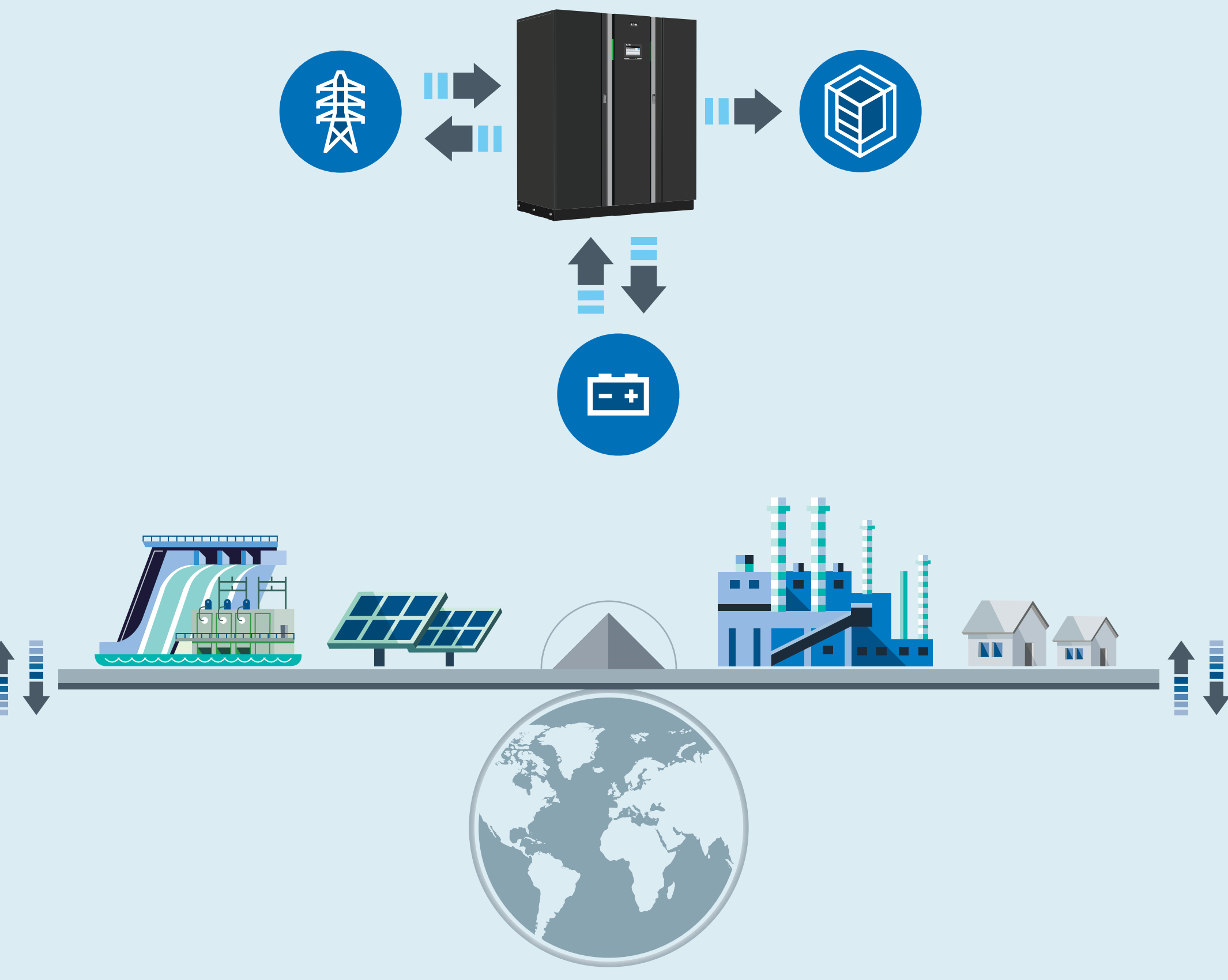
Today, over **24%** of global electricity is produced by renewables



The energy industry is committed to producing greener energy using renewables, but renewable energy is **harder to predict** and production can be more **volatile** – making it harder for energy providers to balance production and load demand electricity supply.

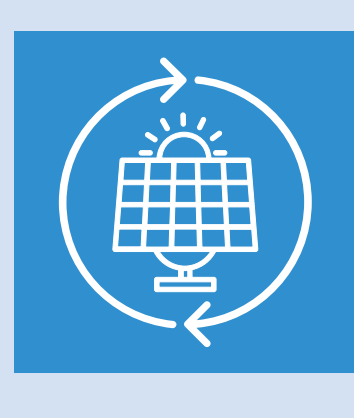
Role of Data Centers:

Data centers can play a role in helping energy providers maintain power quality by balancing power generation and consumption.

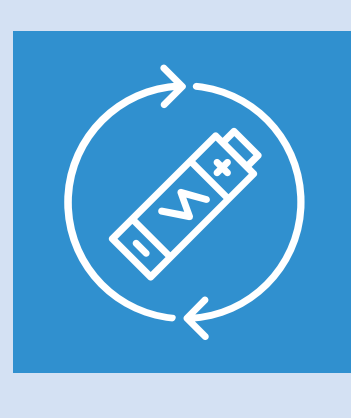


A green power reserve

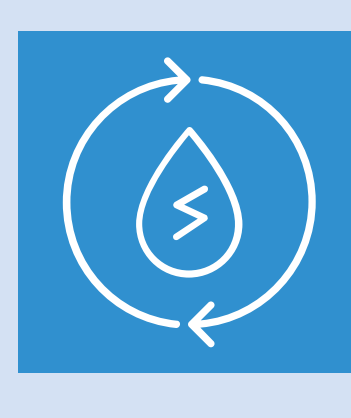
Speed up the increase of green production by providing more flexibility to grid.



Data centers can **support the adoption of renewables** by helping to reduce the volatility in the power grid that comes from using renewable energy

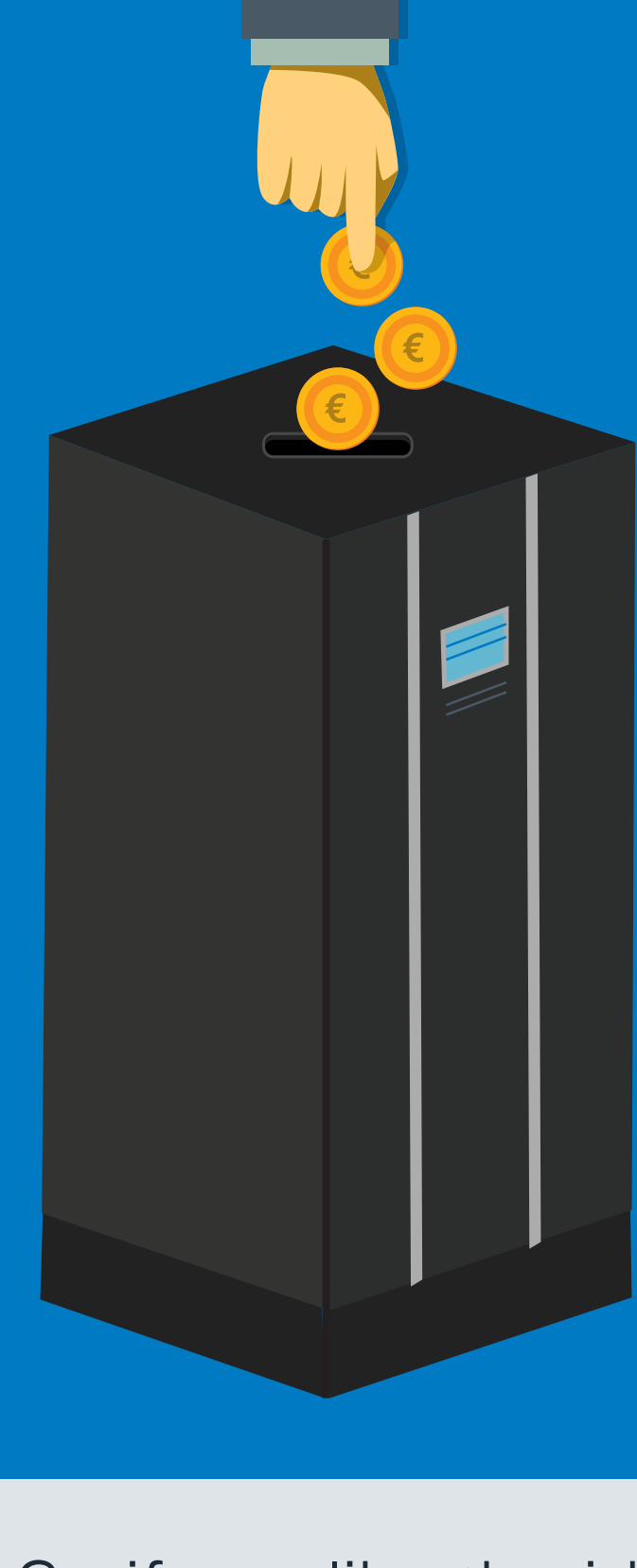


Data centers can **contribute to green energy** by balancing the power grids using batteries instead of diesel power



Energy producers can take **hydro-power** out of reserve and use it in **energy production**

Do you have money lying on the floor?



Your **existing investment** in a UPS can **earn money** for the data center by helping energy providers balance sustainable energy demands. It's as if you've got money lying on the floor just waiting to be picked up.

Typical returns up to **€50,000 per MW** of power allocated to grid support per year

So if you like the idea of **going greener** and **increasing your revenues** and **competitiveness**, then visit here www.eaton.eu/UPSaaS for more information.



Powering Business Worldwide