

Hybrid power: Multiple renewables, one grid connection

Hybridisation combines different energy technologies behind one grid connection, allowing them to share grid capacity. The multiple energy sources also work together to smooth power output.

Hybrid Model #1

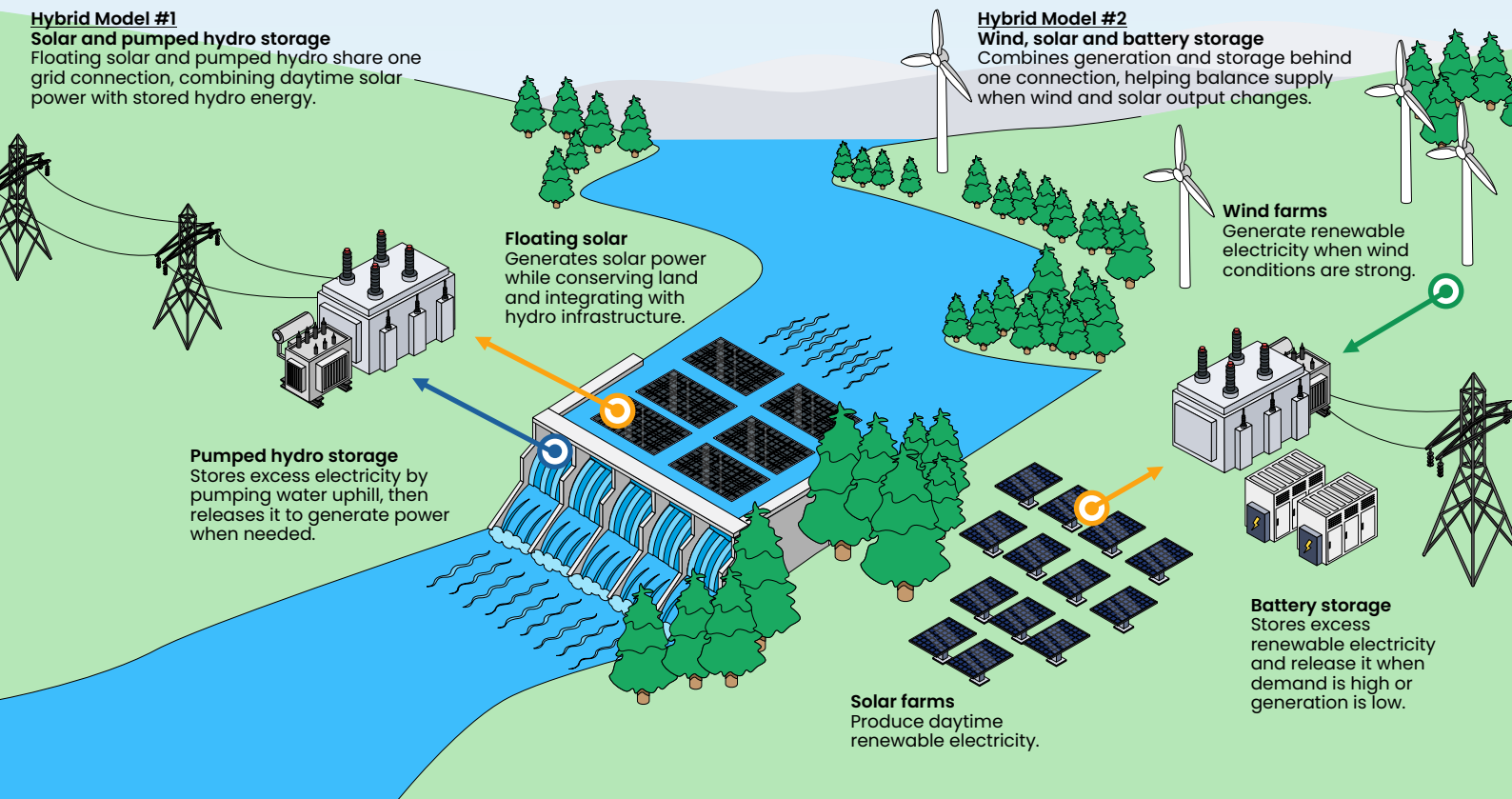
Solar and pumped hydro storage

Floating solar and pumped hydro share one grid connection, combining daytime solar power with stored hydro energy.

Hybrid Model #2

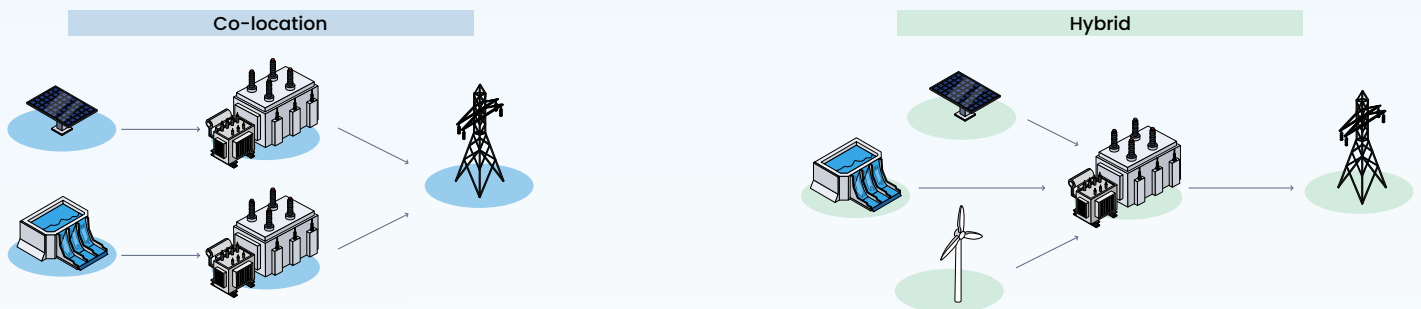
Wind, solar and battery storage

Combines generation and storage behind one connection, helping balance supply when wind and solar output changes.



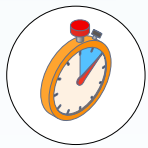
Hybrid vs co-location

Co-location simply means different energy assets are built near each other. Hybrid projects go further: they actively share infrastructure and operate in coordination through a single grid connection, allowing generation sources to complement one another and improve system performance.



Now is the moment for hybrid power

Many European countries are facing a grid capacity crunch which risks slowing the energy transition. Hybrid projects unlock additional capacity on the existing grid, connecting more clean power faster through shared infrastructure.



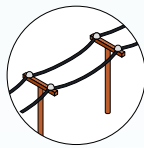
Faster renewable connections

Lets renewable projects connect sooner by using existing grid capacity instead of waiting for new infrastructure.



More reliable power output

Combining technologies can create a more stable and manageable electricity supply profile.



Better use of infrastructure

Improves utilisation of existing grid connections, reducing the amount of infrastructure sitting idle.



Lower network costs

Reduces the need for new grid expansion, helping avoid infrastructure costs and limiting pressure on electricity bills.



Lower project costs

Sharing infrastructure and land can reduce development and operating costs for renewable projects.