

# ENERGY POOL DERMS PLATFORM

Energy Pool has developed a unique DERMS\*, an integrated platform that allows to manage all types of distributed energy assets. Through our platform, predict, aggregate, optimize and control distributed energy assets, while linking them to distribution grid and markets.

## DERMS SOLUTION FOR UTILITIES



### Monitor and control your distributed assets

- Increase grid stability and safety by a real time control of distributed assets
- Improve the quality of current by a better voltage control
- Reduce technical losses



### Connect your distributed assets to grid operations and to markets

- Improve overall grid management through access of "behind the meter" assets
- Anticipate and avoid local congestions
- Access to markets (Flexibilities & Power markets)



### Connect to your customers

- Improve the competitiveness of your supply contracts through value added services:
- Self-consumption, PPA, Peer to peer transactions
- Monetisation of your customers flexibilities



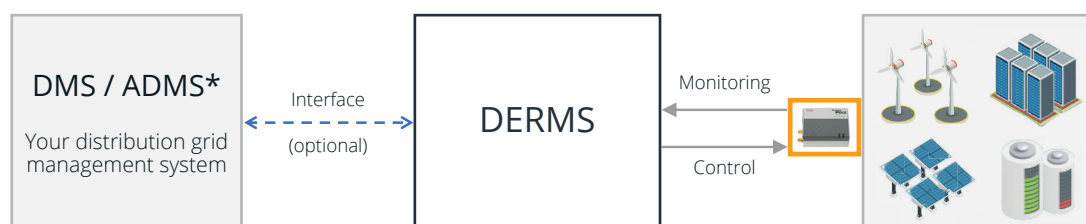
### Optimise your portfolio via forecasting, optimisers and real time control of assets

- Maximise the revenues from the generation assets under your responsibility
- Balance the variability of your renewable assets through the activation of flexible resources: dispatchable generation, flexible consumers, storage
- Reduce imbalance costs, avoid loss of generation
- Seize market prices opportunities

## THE SOFTWARE ARCHITECTURE

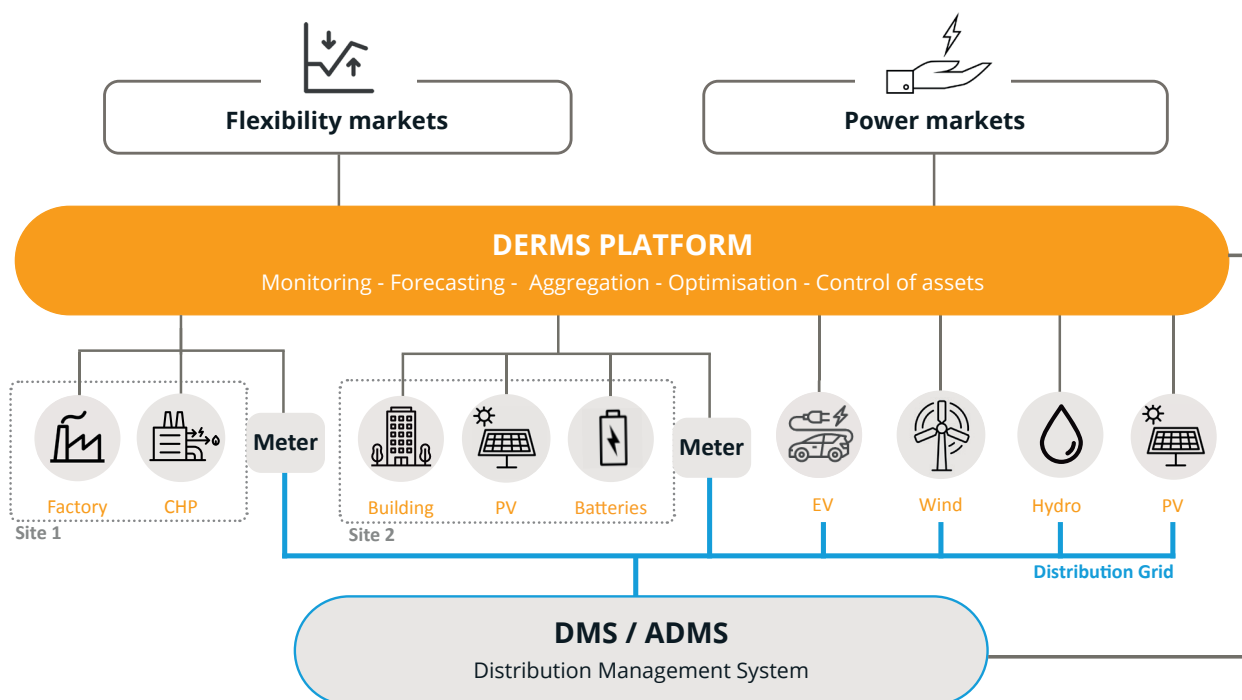
Energy Pool's DERMS is highly configurable, and can be deployed progressively

**From basic monitoring and control...**



In this configuration, Energy Pool's DERMS gives you access to the distributed energy resources, whether they are directly connected to the grid, or "behind the meter". Data can be exchanged with your DMS/ADMS through an interface.

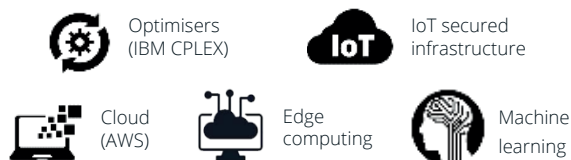
## ...To full portfolio optimisation



In this configuration, the DERMS provides you with a full access to “Behind the meter” and “grid connected” assets, and to market platforms, as well as advanced forecasting, optimisation and control features.

## WHY CHOOSE ENERGY POOL'S DERMS?

### State of the art technology



### Industrialised solution

- Scalable
- Robust infrastructure (AWS based)
- Embedded cybersecurity
- High availability

### Proven

- 10+ years of R&D
- 10+ years of commercial operations
- 10+ countries
- 1000+ assets managed

Beyond the software platform, Energy Pool can assist you through a full range of services: consulting, integration of the DERMS into your IT system landscape, assets connectivity, operations...

## ABOUT ENERGY POOL

At the heart of the smart grid development, Energy Pool manages and optimises complex electricity systems (distributed generation, renewables, storage assets and consumers), for a smarter and more sustainable energy management. These services facilitate the integration of renewable energies, help reduce CO<sub>2</sub> emissions and improve overall efficiency.

Energy Pool has been one of the pioneers in the French flexibility market since 2009. In addition, we are also present in Japan and Turkey since 2015 and in the Netherlands since 2018, and are conducting developments in around 10 countries, including Germany, Malaysia, Saudi Arabia, Thailand...



Benefit from Energy Pool mutualised operating center secured infrastructure and 24/7 team.



Tailor-made and evolutive services.



Experienced staff to assist you at each step of your project deployment and operations.

## CONTACT

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