

Renewable penetration levered by Efficient Low

Voltage Distribution grids

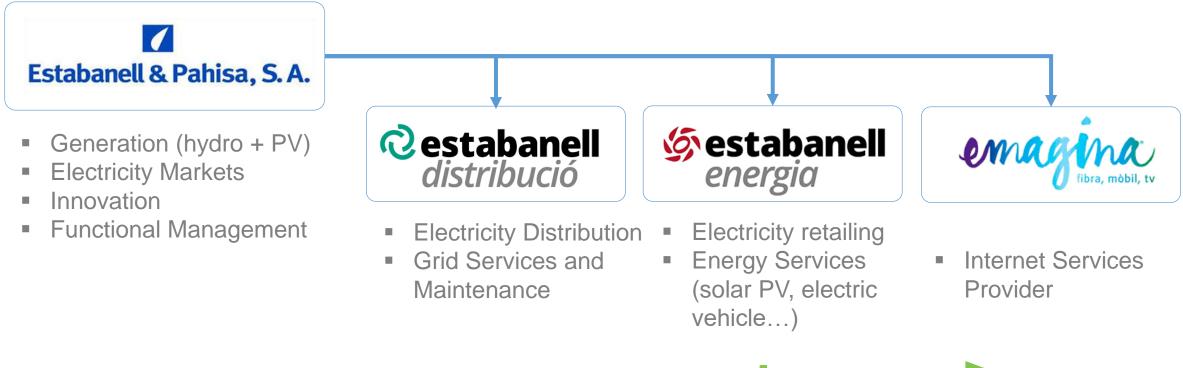


The future of smart electrical demand management seen today

Estabanell y Pahisa Energía, S.A.U. Ramon Gallart June 10th



Cover









Leading the validation activities in our distribution grid





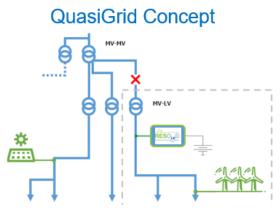




- ✓ Technology that **maximize** traditional assets.
- ✓ Get closer to all users of the distribution network.
- ✓ Get more visibility and smart controllability at last mile network to maximize DER integration.



Solution



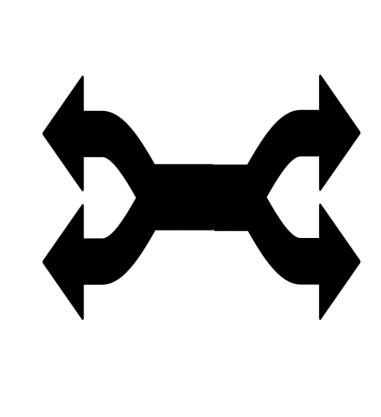
It continues to serve the isolated network without loss of service and maximum use of DER

Dynamic micro-grid concept

It acts as a smart grid by jointly managing all sources and uploads connected to a larger area







Services



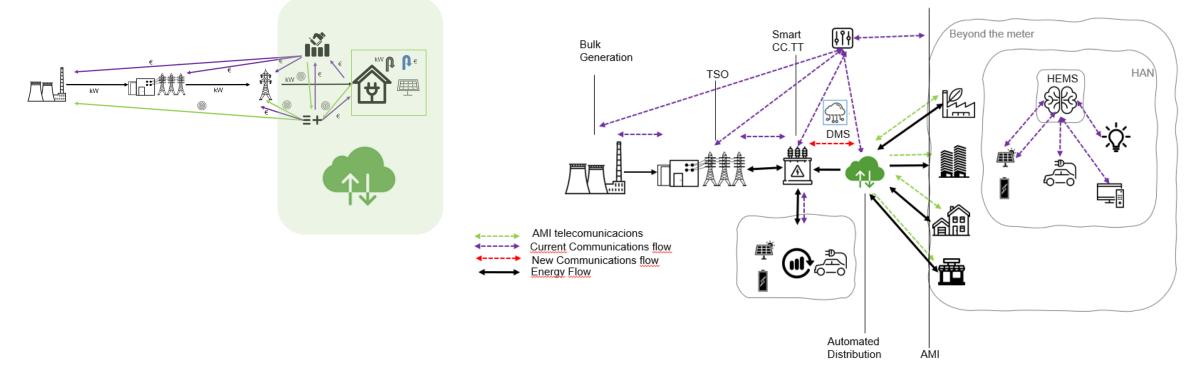


Equipment

Competitive Advantage

Manage disassociated flows.

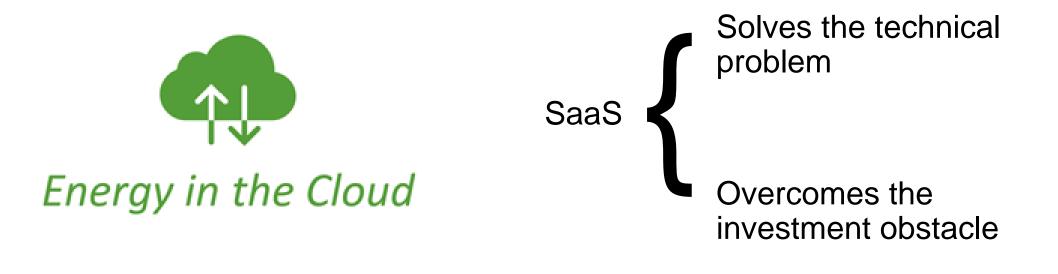
Integrated under IoT concept.



Prevent **loss of comfort** for electrical user . Enhance DSO role as a **neutral actor**.



Exploitation pathway











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