

# gridbriid

The **operating system** for the energy transition

[Confidential]

Market Rules

Solar Irradiation

LCOE

Ancillary services

Gas

Nuclear

Market Constraints

Hydropower

Demand Price Data

Wind

CO2 Emissions

Product Technical Specifications

Battery Augmentation

Penalties

**power projects are  
complex**

Hydrogen

Historical Load

OPEX

CAPEX

Location Scouting

Energy Dispatch Optimization

Solar

Battery Degradation

Thermal

Historical Prices

ROI

Minimum Shortfall

Renewable Share

Profit

Sensitivity Analysis

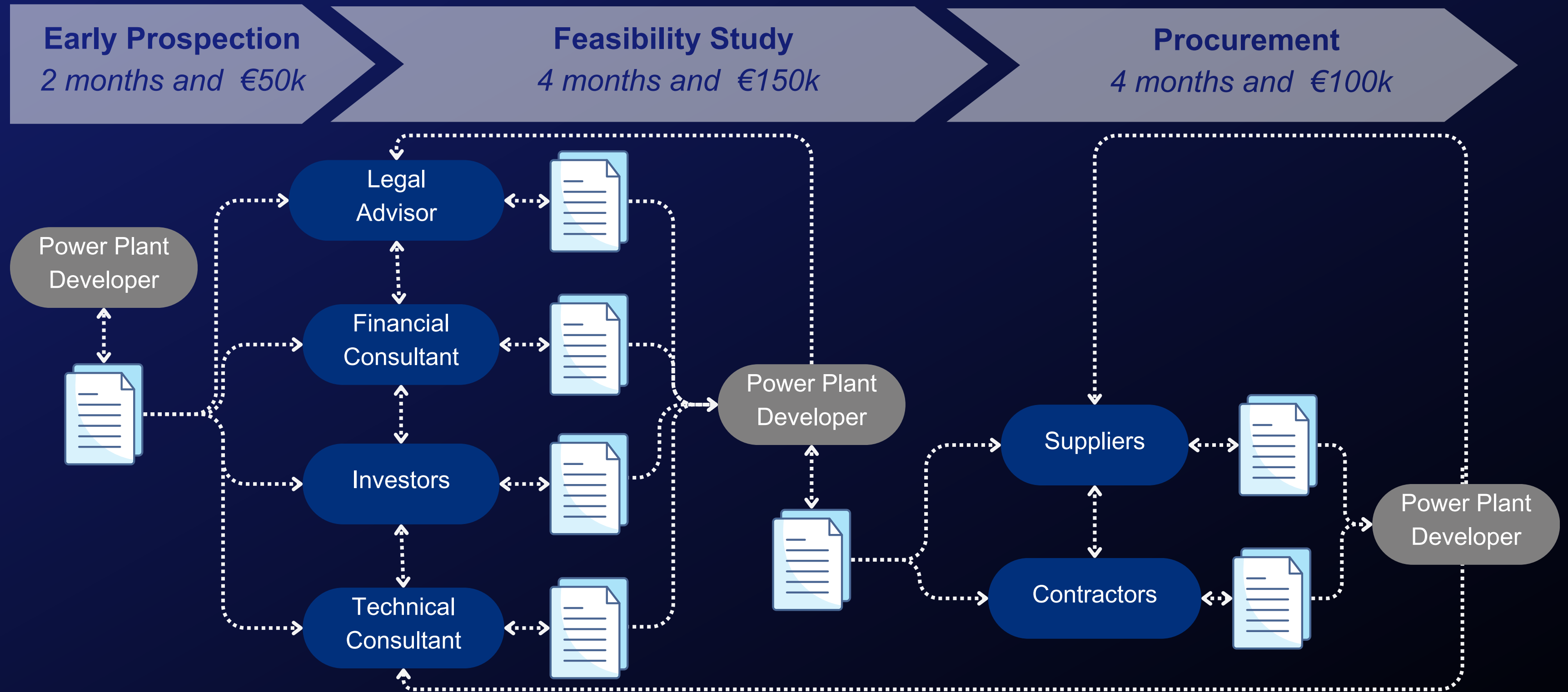
Ammonia

Investment Capitalization

Priority Load

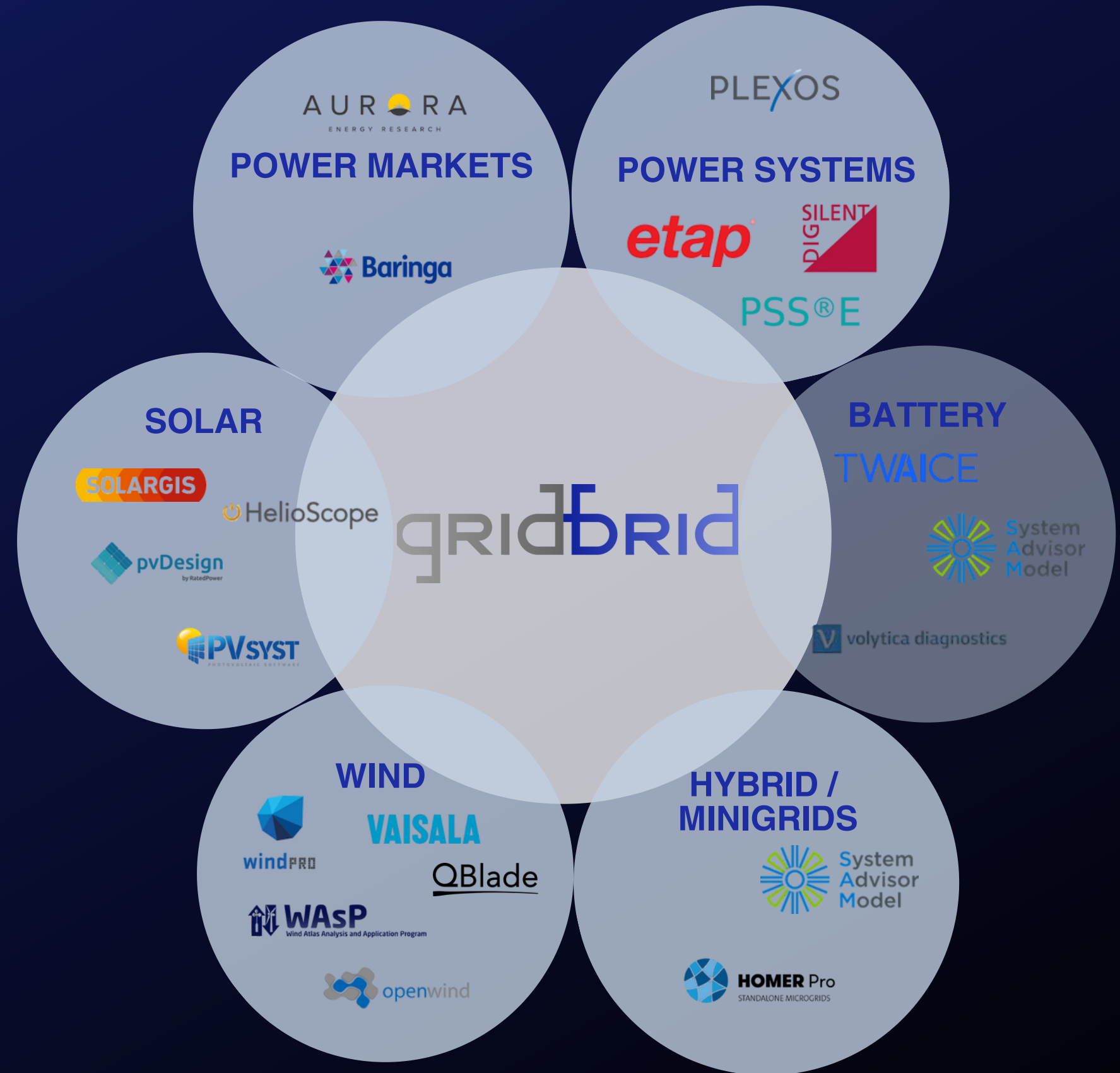
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# Traditional development process iterates with many static documents



Many softwares perform 1 step accurately....

but very few look at the power system globally.



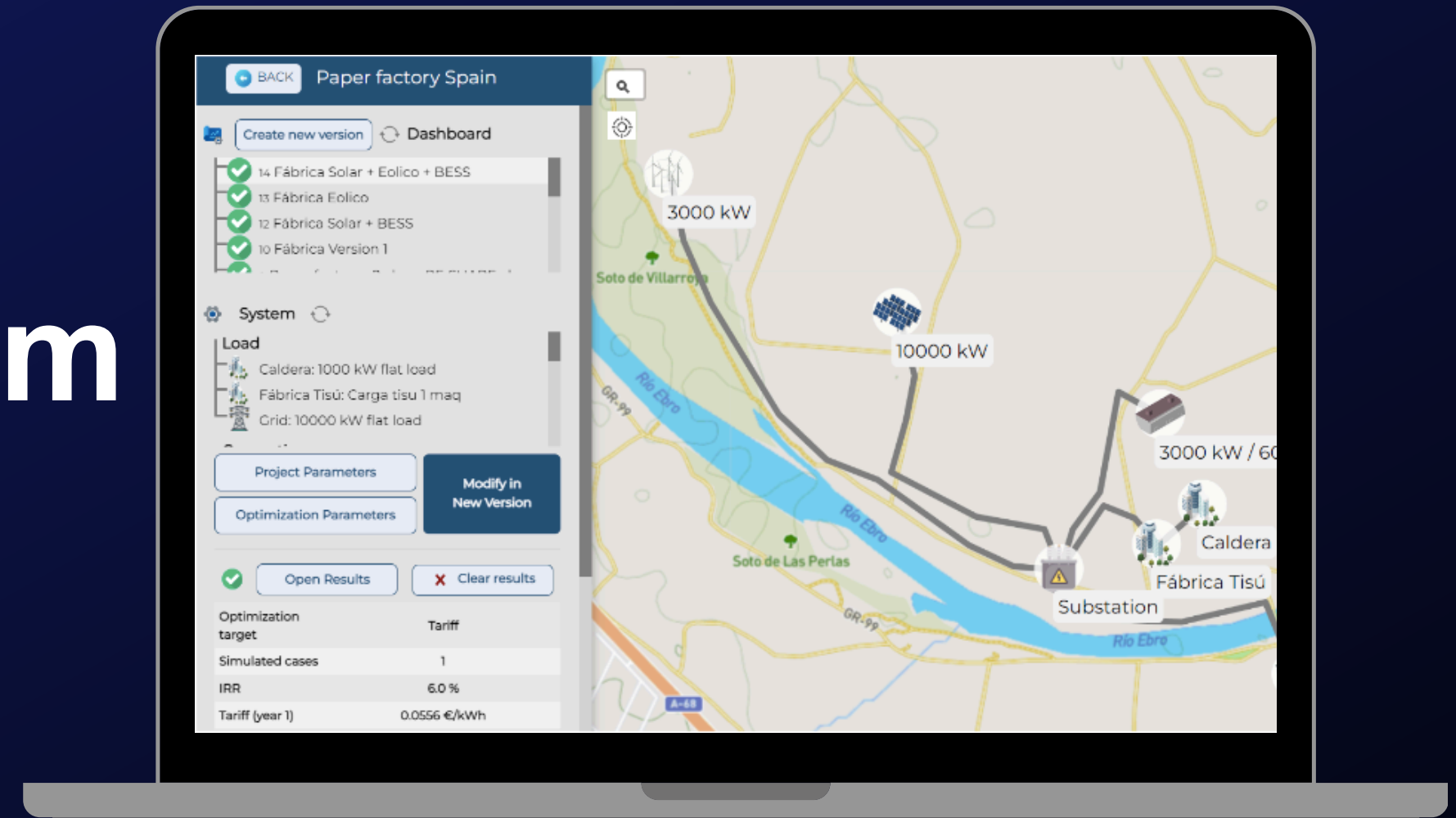
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# Gridbrid creates a collaborative development process



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# The operating system for the energy transition

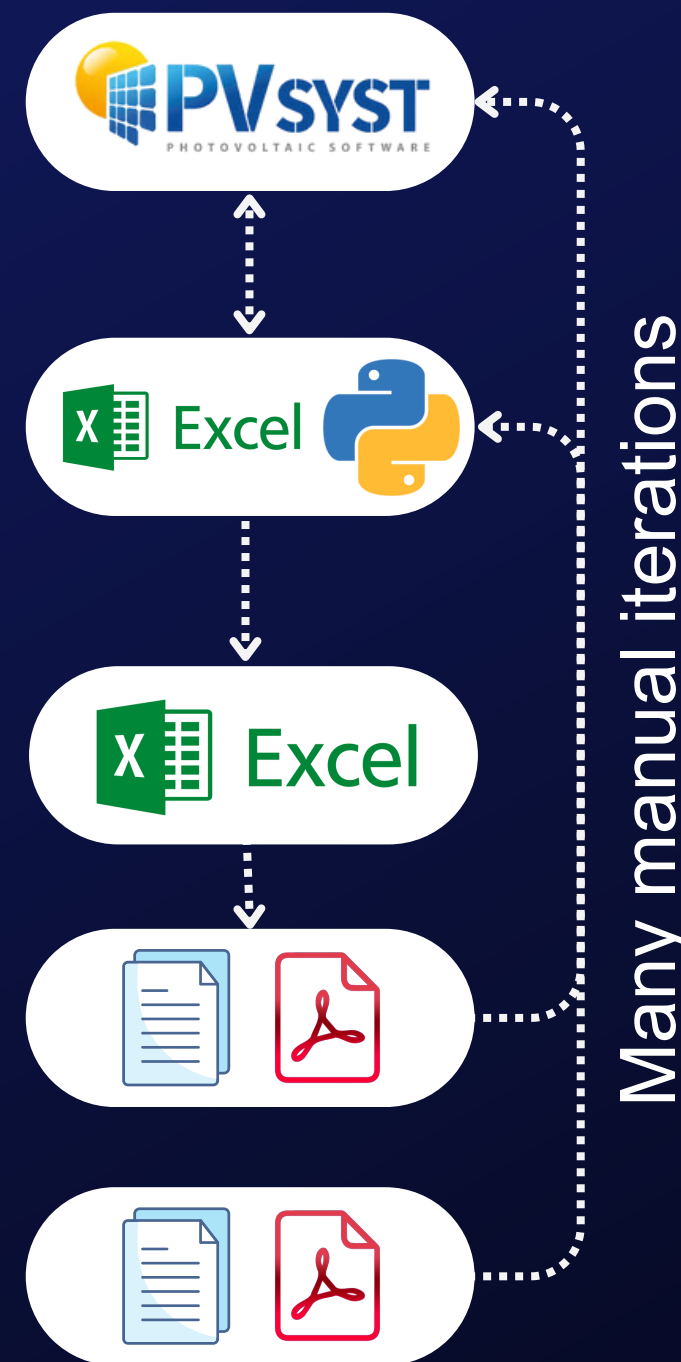


grid**hybrid**

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# Streamline your energy project optimization

- ▶ **Solar engineer** makes the energy yield model and sends CSV files to battery expert and economist
- ▶ **Battery expert** makes an approximated degradation model based on simple cycles and market assumptions
- ▶ **Financial consultant** receives solar and battery technical results and builds an Excel financial model
- ▶ **Project developer** proposes new scenario and starts new iteration
- ▶ **Contractors** quotes received with prices and specs → start new iterations for each bidder



Replace fragmented tools

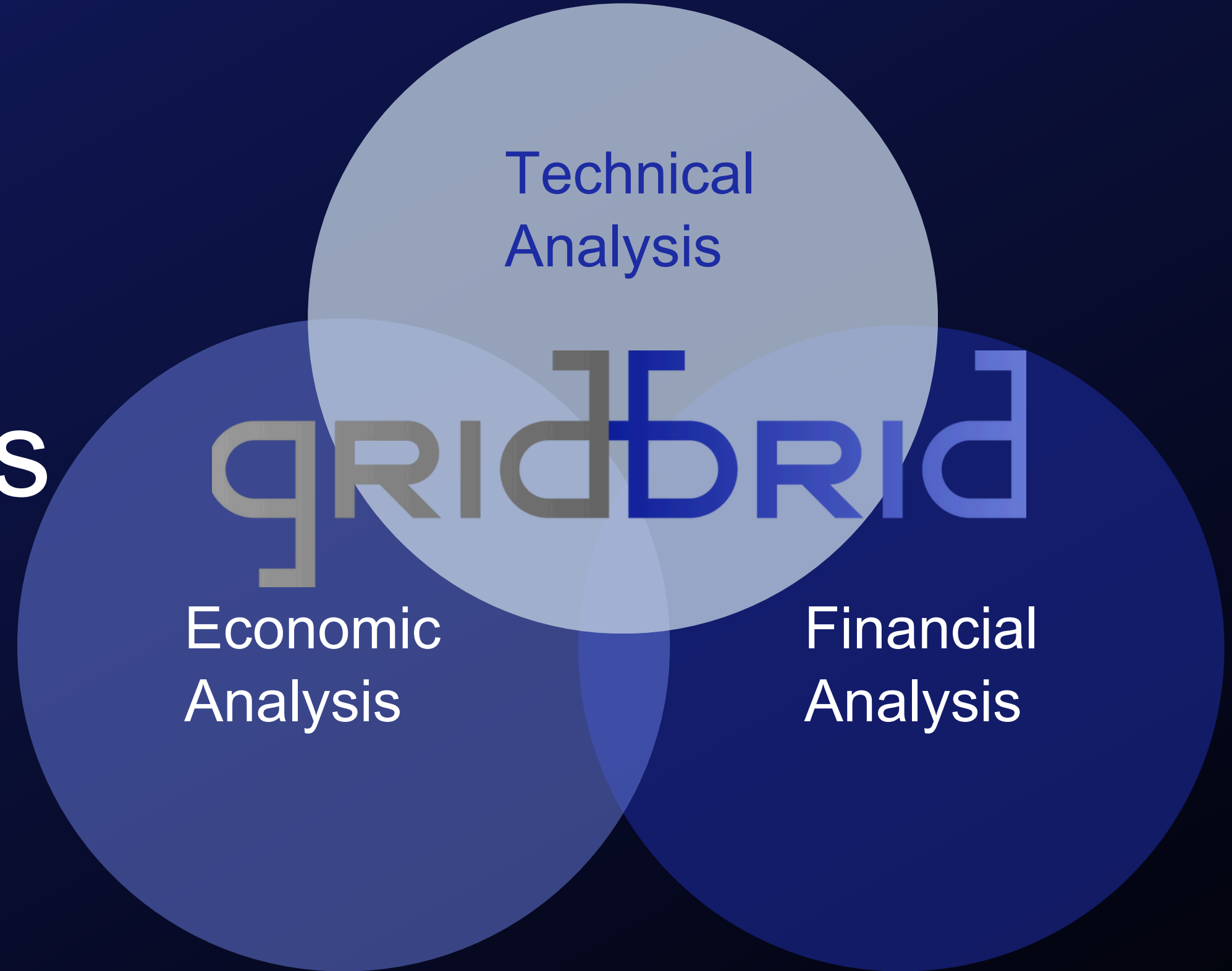
▼ **With Gridbrid** all these steps are performed in the same model, automatically



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All-in-one platform with

# Holistic Analysis



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# Unify multiple teams and models



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# Our SaaS makes simple to

Co-Optimize  
multiple  
technologies

- BESS
- Hydro
- Solar
- Wind
- Thermal
- Gas
- Hydrogen
- Ammonia
- and more

Based on your goals

**Financial Targets:**

- Maximize IRR / ROI
- Maximize Profit
- Minimize Tariff/LCOE and more

**Physical Targets:**

- CO2 emissions
- Priority Loads
- Minimum Shortfall and more

**Sizing Variables:**

- Renewable share,
- Investment Cap and more

With embedded data

- Market Rules
- Penalties
- Market constraints
- Battery degradation
- Battery augmentation
- Historical load and prices
- Dispatch optimization
- Demand price data
- Auto layout drawings
- Technical specs
- and more

To get

- Financial Model
- Economic comparison on design options
- Sensitivity analysis
- Collaborative digital twin
- and more

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# One platform for all stakeholders

## Feasibility Study

Power Plant Developers  
Consulting Firms  
Industrial Power Consumers

Evaluates thousands of combinations and market scenarios in one click and identify the most viable project design

## Due Diligence

M&A investors  
Lenders  
Governments

Analyze project profitability with precise project simulations and financial projections

## Business Development

Equipment Suppliers  
EPC Contractors

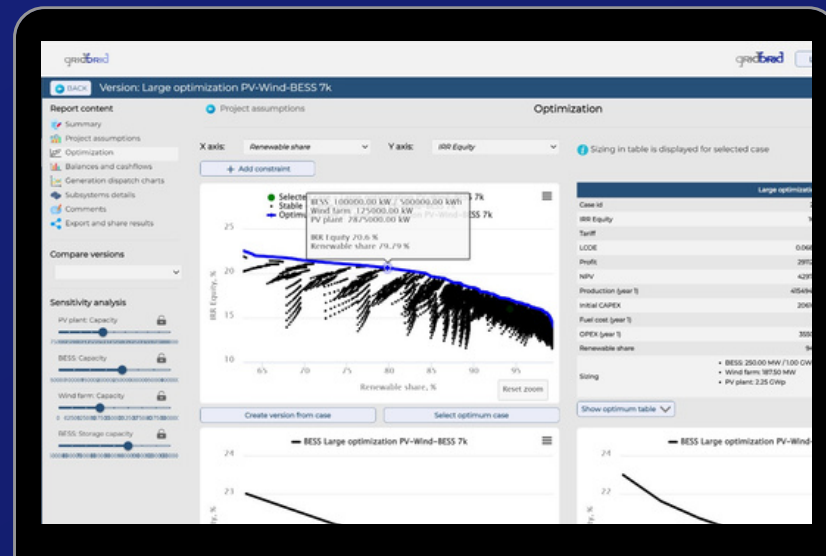
Explore project profitability in new markets and lower the customer acquisition cost

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# One platform for all project steps

SaaS to Plan&Optimize

Pre-Feasibility Study  
Feasibility Study  
Due Diligence



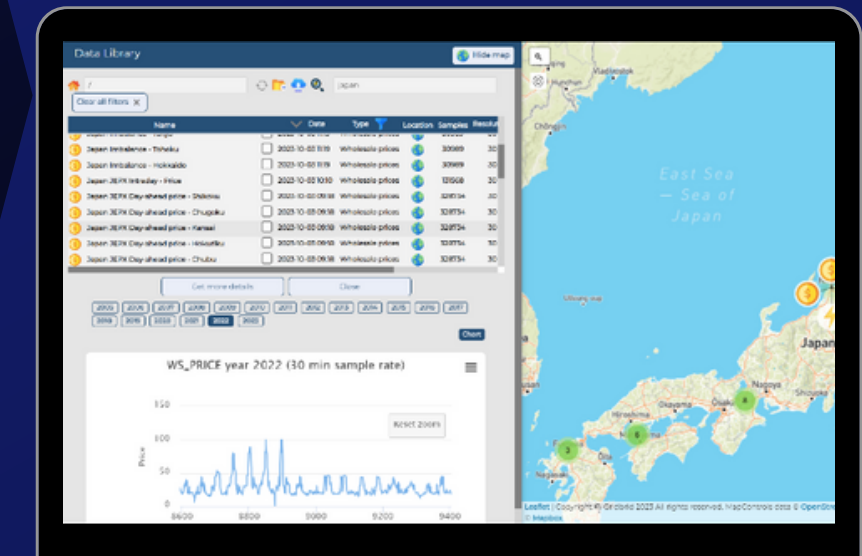
Marketplace to Procure & Build

Suppliers  
Contractors  
Investors  
Consultants



Data to Forecast & Operate

Historical Data  
Forecasted Data



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# Unlock the full potential of power projects

## Cost Savings & Efficiency Gains

- Reduce Development Time
- Lower Engineering Costs
- Costs Optimization

## Sustainability & Grid Reliability

- Higher Renewable Penetration
- Reduction in Curtailment

## Optimize Profitability & Long Term Planing

- Improved IRR
- Complex Markets Optimization

B R A W N  
CAPITAL

INFINITY POWER  
A MASDAR INFINITY COMPANY

 MINSUR

 Hydro  
Québec

 SHIZEN  
ENERGY  
GROUP

 TotalEnergies

 AFRY

 I SQUARED CAPITAL

 BANPU

Leading energy companies  
trust our results

IONITY 

 MEDECINS SANS FRONTIERES  
DOCTORS WITHOUT BORDERS

 ACEN RES

 INDONESIA  
POWER

CVA  
energie

 ibvoqt

 龙源电力  
LONGYUAN POWER

 MORE POWER  
MORE ELECTRIC AND POWER CORPORATION

 UPC  
Renewables

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# Available in 19 markets across

## Europe

- France
- Germany
- Spain
- Poland
- Italy
- UK
- Greece
- Portugal

## Asia

- Japan
- Australia
- Philippines
- Thailand
- Singapore
- Indonesia
- India
- Malaysia
- Myanmar

## Americas

- US NYISO & CAISO
- Peru

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# gridbriid

469K

total cases simulated

20GW

of energy projects  
facilitated

50M

metric tons of CO<sub>2</sub>  
emissions avoided

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# grid**db**rid

## Let's Talk



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