

Energypro

# Simplifying **complex** private energy transactions

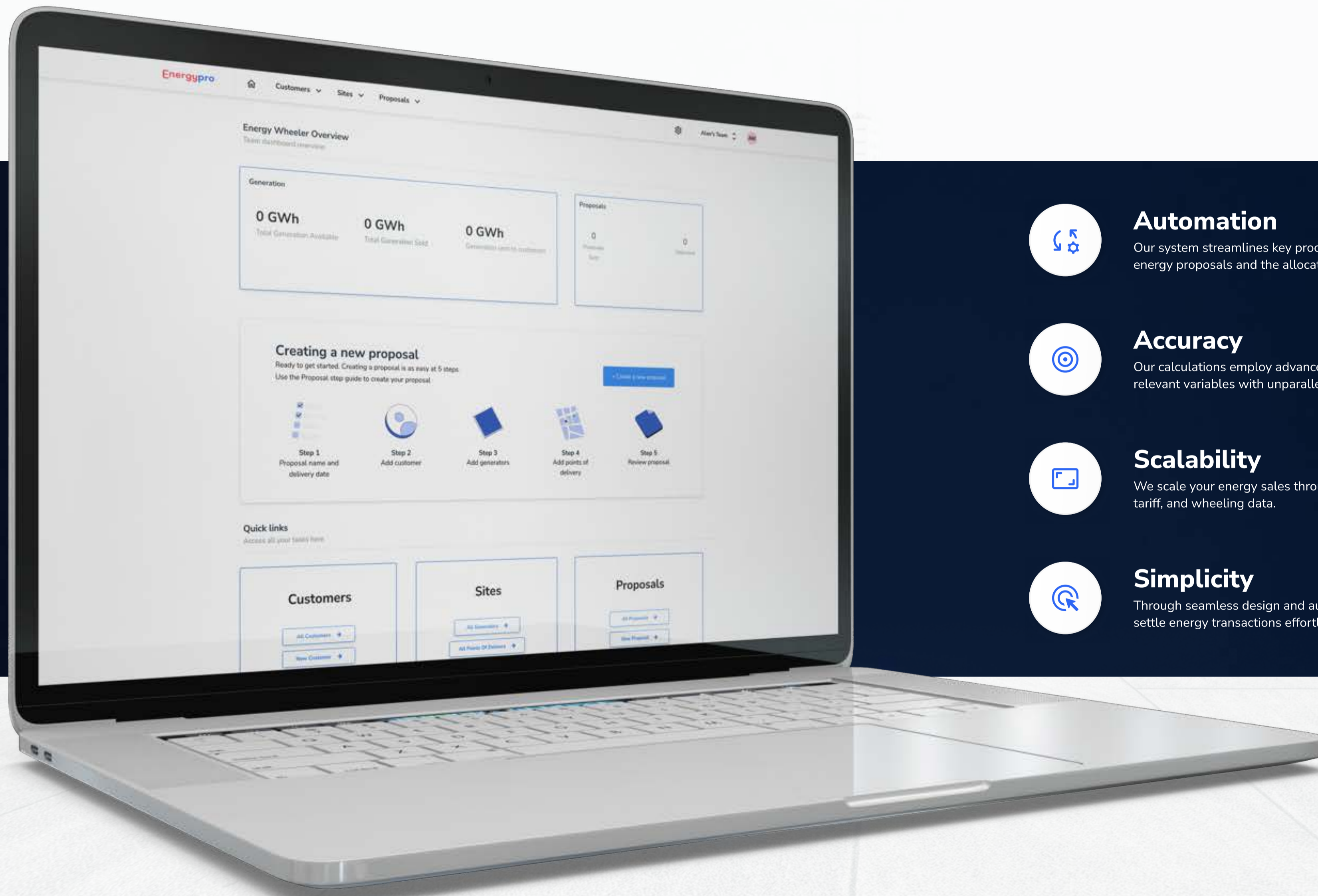
from generation to consumption





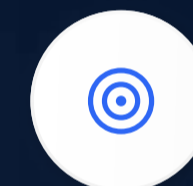
# Advanced private energy management software

Energypro addresses the intricacies of private energy wheeling through the utilisation of cutting-edge technologies.



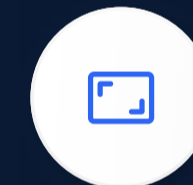
## Automation

Our system streamlines key processes, enabling the quick and accurate creation of energy proposals and the allocation of that energy.



## Accuracy

Our calculations employ advanced algorithms to deliver precise results, considering all relevant variables with unparalleled accuracy and speed.



## Scalability

We scale your energy sales through slick user experience and integration smart meter, tariff, and wheeling data.



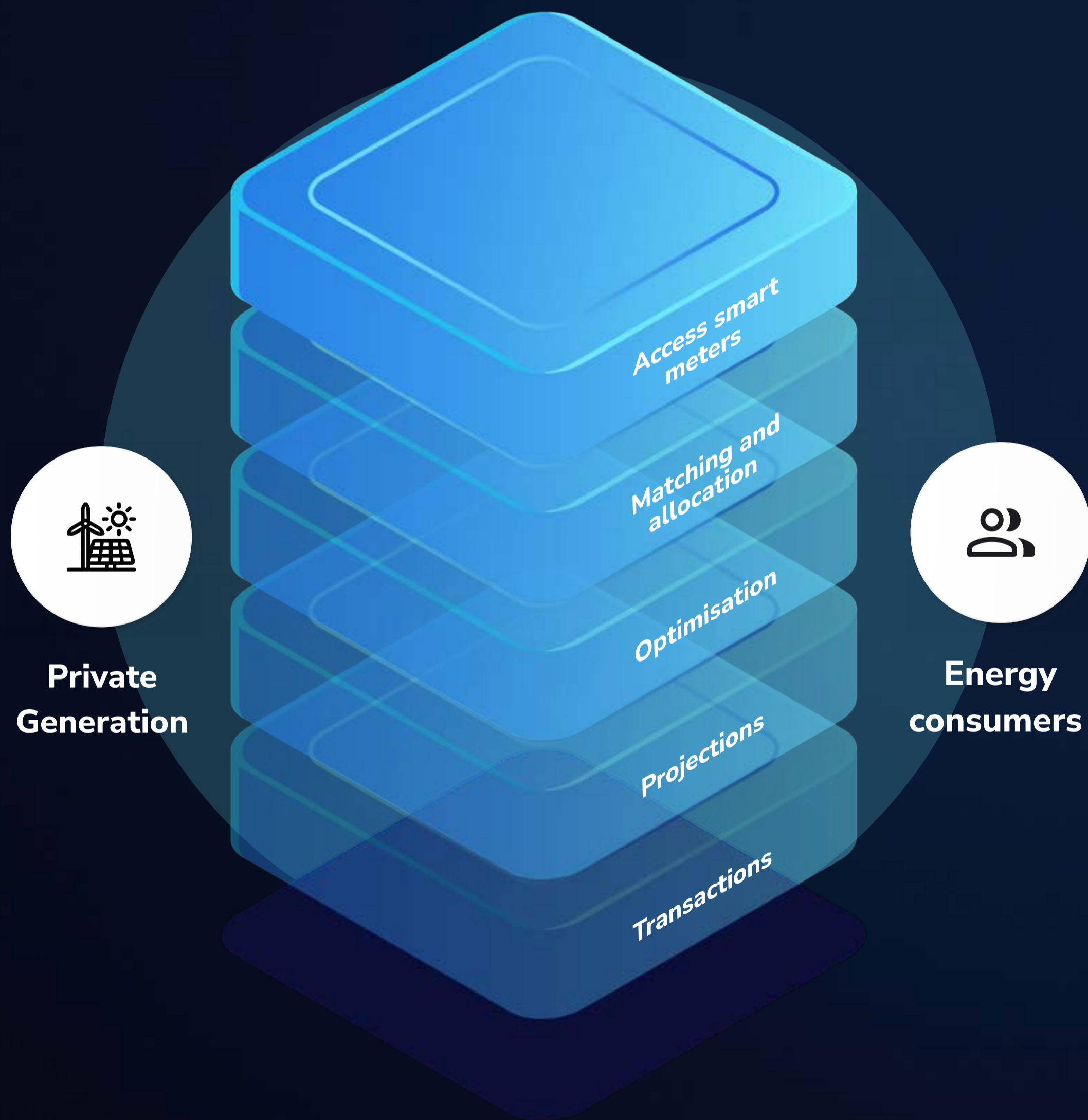
## Simplicity

Through seamless design and automation, our system empowers anyone to sell and settle energy transactions effortlessly, streamlining the entire process.



# An all in one private energy platform

Energypro is an end-to-end wheeling platform. The system incorporates energy sales tools and facilitates automated transactions and billing between private energy producers and energy consumers.



Accesses smart meter data on the generation and consumption.

Matches generation profiles and load profiles.

Optimisation and allocation are made against point of delivery accounts.

Historic data allows projections for proposals and Purchase power agreements.

Calculates accurate bills for private generation owners and consumers.



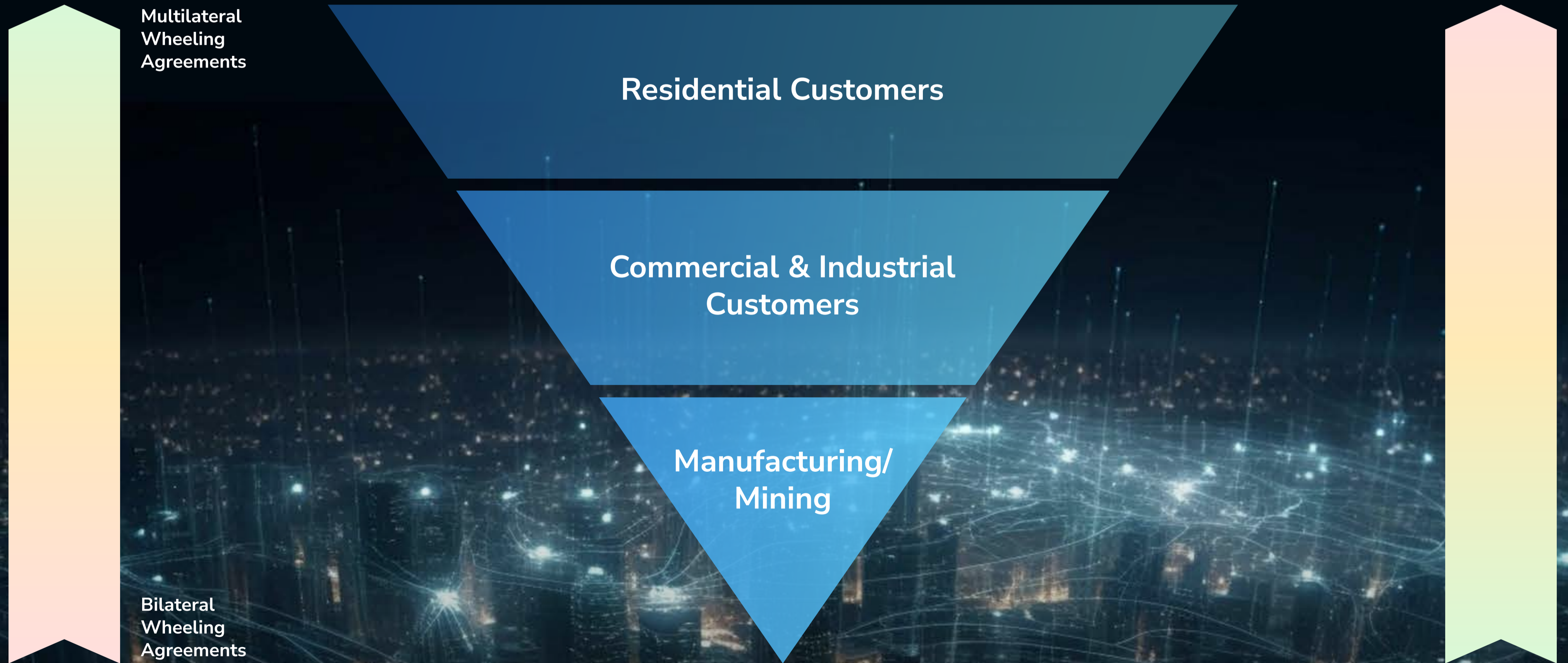
# Why Energypro

The more multi-lateral agreements, the more complex it becomes to manage those agreements and transactions. Our software alleviates this complexity through complex calculations and automation.

Private  
Generation Margin

Number of Customers

Energy Allocation  
Complexity





# Solutions

Each solution looks at full spectrum of private energy sales to contract and the transactions in order to prepare for billing



**Energy Proposals**



**PPA Management**



**Energy Transactions**



**Billing and Reconciliation**





## Energy Proposals\*

Energypro software allows you to scale your energy proposals, as more multilateral agreements become a reality.

- **Save time, send proposals at scale, and manage customer accounts.**
- **Provide accurate projections of customer cost savings, applying business rules and Tariffs.**
- **Avoid over-allocation using Energpro's allocation tools.**

### **Manage customers proposals and portfolios**

Effortlessly send out proposals to multiple customers, monitor their status, and build a comprehensive portfolio for effective customer management.

### **Matching multiple generation and consumer profiles**

Our system optimally matches generation and consumption across different sites, considering various load profiles and time of use, effectively addressing the complexities between municipalities and point-of-delivery sites.

### **Set defaults to scale sales teams**

Setting up default deal periods, annual stakeholder escalations and pricing structures is a breeze, enabling your team to effectively and accurately create proposals in minutes instead of days.

### **Up to date tariffs**

Our tariff engine includes the latest and up-to-date energy tariffs from Eksom and major municipalities. Any changes are automatically updated and audited to guarantee the accuracy of your proposals, ensuring you deliver precise and reliable information to your clients.



## PPA Management\*

Our PPA management solution can quickly establish the business rules related to your Purchase Power Agreements (PPA) and effectively execute the committed energy delivery based on those agreements.

- **Centralised management of all customer PPAs**
- **Build customer portfolios and track customer accounts**
- **Reconcile and Manage commitments for customers**

### **Manages the available generation capacity**

Once PPA terms have been agreed, the committed kWh are no longer available to be sold on our system ensuring an accurate view of remaining generation capacity.

### **Proposal and PPA reconciliation**

To ensure accurate allocation and invoicing, sync original proposals and PPA commitments to create consistency and meet customer expectations.

### **Easy to configure PPA business rules**

Customise your PPA rules using our billing template feature and reconfigure the energy allocated to find the best deal for your customer and avoid over allocation.

### **Contextualises PPA based on their guarantees**

PPA's have different minimum guarantees and different pricing across multiple customers. Once loaded, our system can easily optimise those guarantees at the time of transaction.



## Energy Transactions\*

Our cutting-edge software automates complex energy transactions based on your PPA, ensuring pricing accuracy and efficient energy optimisation. Effectively eradicating over or under-allocation of energy.

- **Smart meter data helps execute efficient energy transactions**
- **Real-time PPA's analysis and optimisation**
- **Effective matching of generation and consumption data**

### **Real-time view of consumption data**

Direct access to smart meters provides essential visibility into the kWh consumption for the billing period, ensuring accuracy and transparency.

### **No over-allocation**

Energypro effectively prevents any loss of over-allocated kWh by intelligently managing allocations, ensuring accurate and optimised energy distribution.

### **Optimised energy fulfillment based on PPA commitments**

Our system is designed to handle multiple PPAs with varying minimum guarantees, allowing you to apply customised business rules to optimise profitability effectively.

### **Instructs municipality or Eskom on credit based on allocation**

Energy credit instructions are sent to the customer's municipality or Eskom, specifying the energy credits that should be applied to the consumer's account, guaranteeing cost savings.





## Billing and Reconciliation\*

Streamline your revenue collection process with Energpro's automated billing and reconciliation solution for private energy producers and energy consumers.

- **Automate the calculation and invoicing of energy consumers**
- **Avoid discrepancies or disputes**
- **Detailed energy reports for customers**

### **Connect accounts to wheeling transactions**

Utilities, municipalities and property owners have the capability to associate accounts with a wheeling transaction, facilitating smooth and efficient energy allocation.

### **Identify generator and off-taker accounts**

Users can easily specify generator accounts and off-taker accounts, streamlining the process of allocating and managing energy distribution between the two parties.

### **Automated matching and allocation**

Wheeling can be allocated either based on 30 minute matched generation and consumption or through end-of-the-month allocation.

### **Wheeling credits loaded to bill**

Wheeling credits are automatically loaded on the customer bill based on the wheeling tariff.



# About Open Access Energy

**Open Access Energy** is South Africa's first multilateral wheeling software platform that automates the matching of generation and consumption loads, allowing energy wheelers to execute accurate wheeling transactions seamlessly.

**Our vision** is to open energy access to all. We aim to achieve this by making the sale and consumption of energy accessible to all South Africans, ensuring everyone has equal access to affordable and sustainable power solutions.