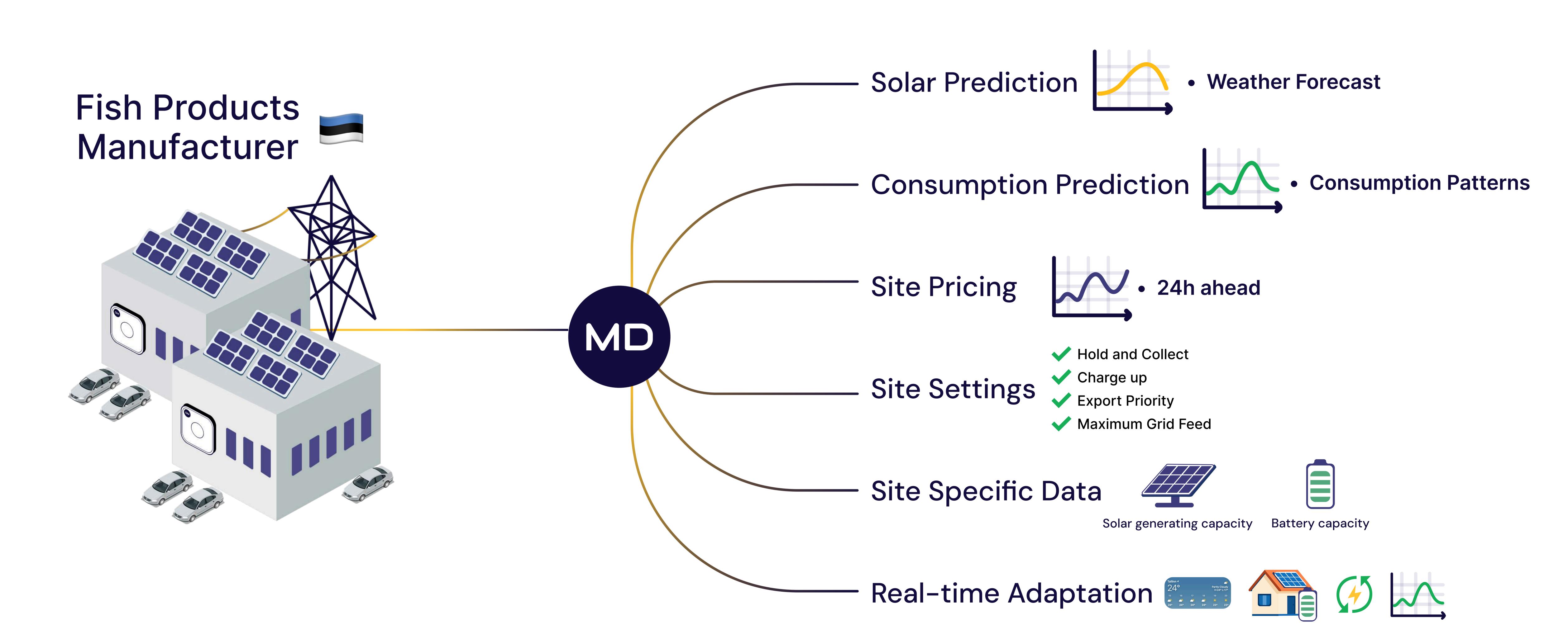
C&I Case: Fish products manufacturer made €46,150 benefit on their energy cost — 10 months with MARKEDROID

In this case study, we will be showing you how our C&I customer saved €46,150 in the last 10 months on their factory's energy costs by using our energy management solution, MarkeDroid AI.

With MarkeDroid AI, we helped the siteowner by analyzing their data based on 6 different pillars to make energy decisions and get the best out of the customer's battery and solar setup. Our AI analysed the site based on its: solar production, consumption, site pricing, site settings, setup and our AI adapting to site changes (weather, battery size, consumption habits and etc.).

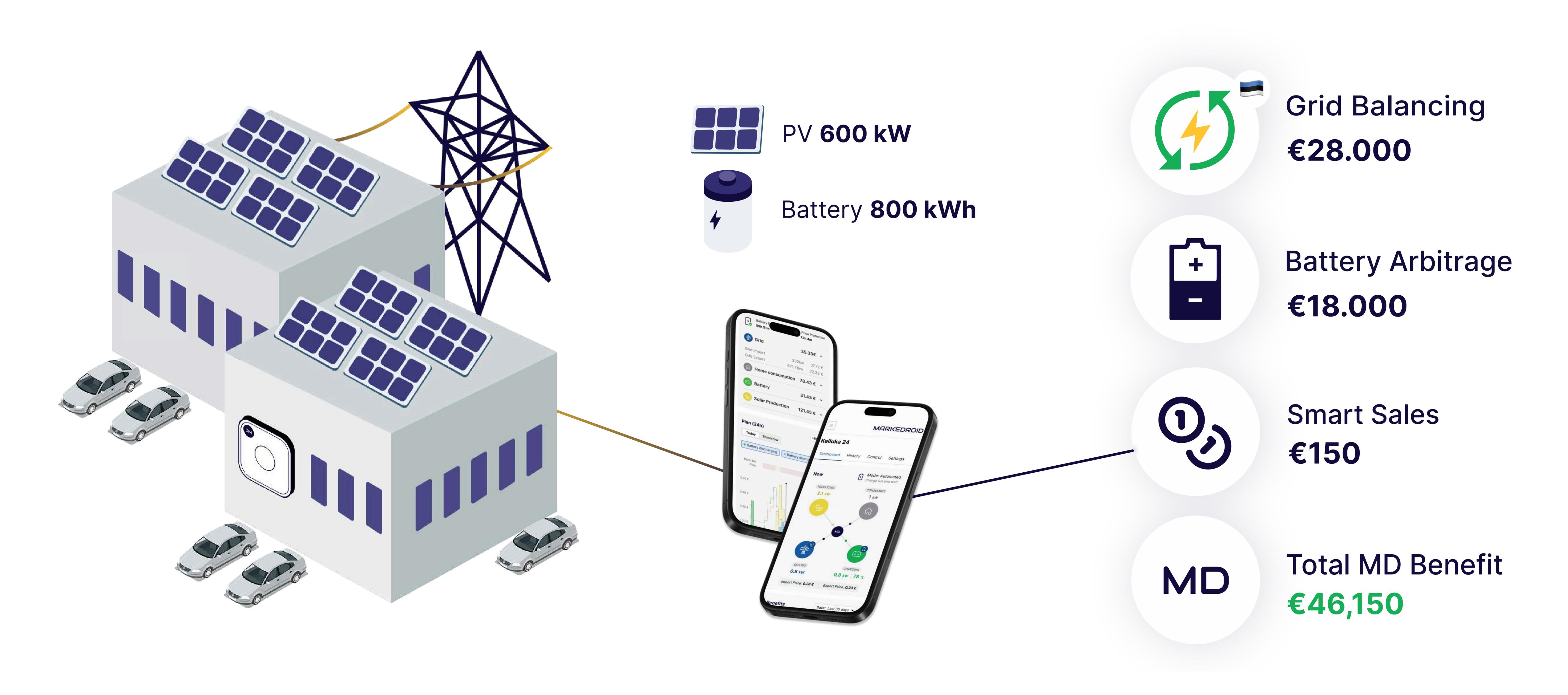
Analyzing the site and making decisions based on 6 Pillars



- First, we predict how much solar energy your panels will produce using realtime weather forecasts. If we know a lot of sun is coming, we might sell some energy early when the export prices are high.
- Second, our EMS learns your **consumption habits**. **When** you use energy, **how much**, and **for what**. Then it tailors your plan automatically.
- Third, we know **24 hours ahead dynamic tariffs** to make sure you buy, store, or sell at just the right moment.
- Fourth is which **Al site settings** are activated. The selected commands will be used by the Al planner to compile an optimal plan for the site.
- Fifth, our system is Site Specific. It adapts your exact setup, how big your battery is, how much solar you generate, and plans around it perfectly.
- And finally, **real time adaptation**. If anything changes, like **more sun**, a **new battery**, a **flexibility request from the grid**, or even your **energy habits**, our EMS recalculates instantly with no delays.

Benefits

Benefit in 10 months with MARKEDROID





With MD the site has actively participated in the **Flexibility market** which contributed to the yearly results the most. Higher flexibility activity is noticed during the summer months and is not distributed to 12 months evenly.



With the **Smart Sales** feature, you can sell your surplus solar power to the grid at the highest possible price. How? By prioritizing consumption first and selling excess energy at peak prices.



Battery Arbitrage is essentially storing energy when it's cheap and using it during expensive peak hours. The amount shown is the customer's **savings**.

Results

After 10 months of operation, Estonian Fish product manufacturer achieved financial and operational improvements. The results may vary based on country, market spread, flexibility requests and other factors.

	Solar Generation Capacity	600 kW
	Battery Capacity	800 kWh
MD	Total Benefit in 10 Months	€46,150
	Estimated Return on Investment	~3 years

MarkeDroid's Al-driven EMS enabled the site to ma

MarkeDroid's Al-driven EMS enabled the site to maximize solar generation efficiency, focus on flexibility market participation, and fasten ROI by implementing predictive analytics and automated energy trading. And the site evolved from static energy monitoring to a fully dynamic, market-responsive operation.

MARKEDROID empowers independent energy producers to not only monitor their assets but actively profit from them through smart forecasting, market participation, and real-time adaptability.