GARI

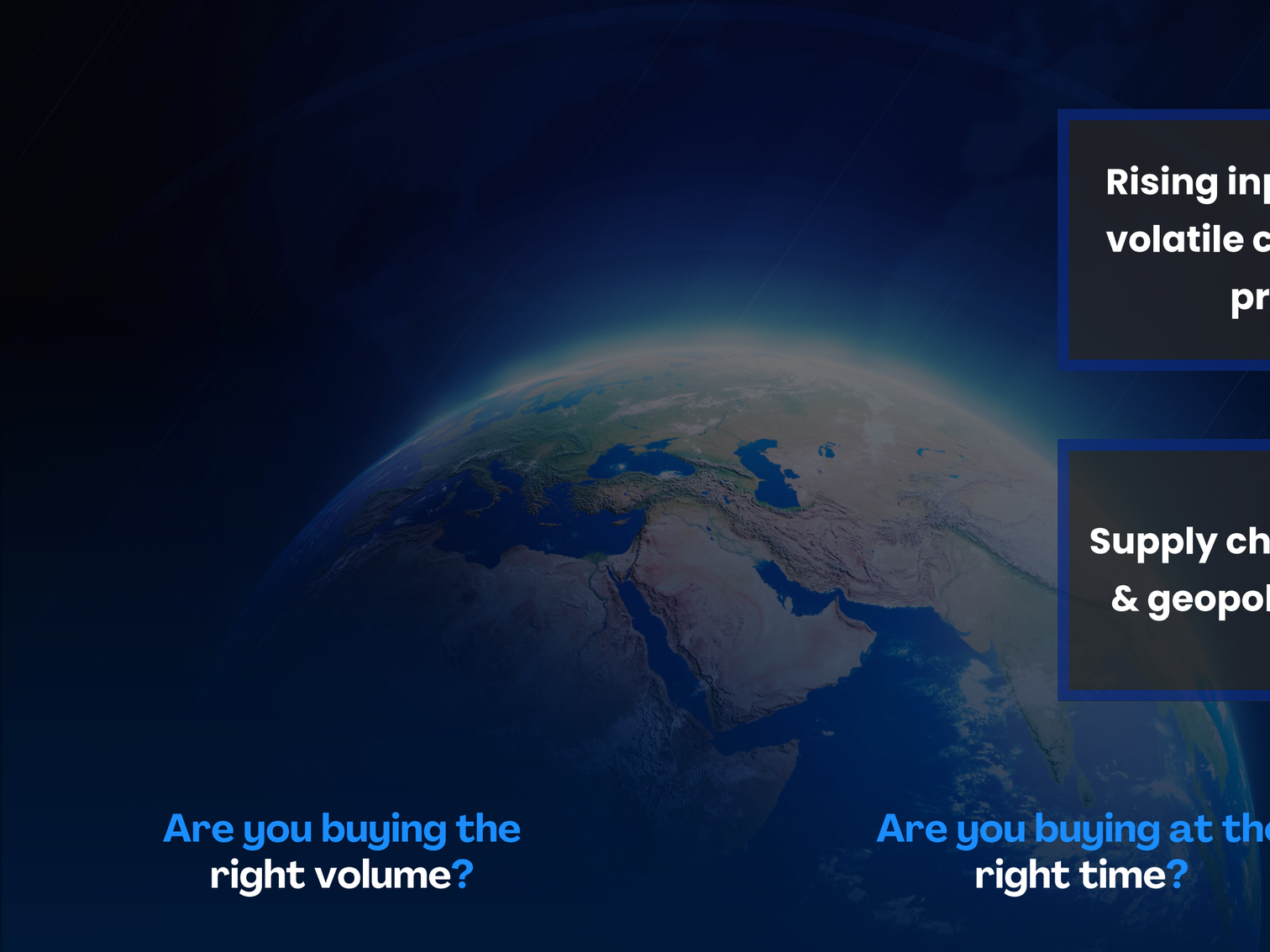
ENTERPRISE

universal synaptic engine

GARI predicts commodity prices - very accurately.

TODAY – EVERY DECISION

COMES AT HIGHER RISK & HIGHER COST



- Rising input costs & volatile commodity prices
- Volatile and unpredictable demand
- Supply chain fragility & geopolitical risks
- Weakening macro-economic environment

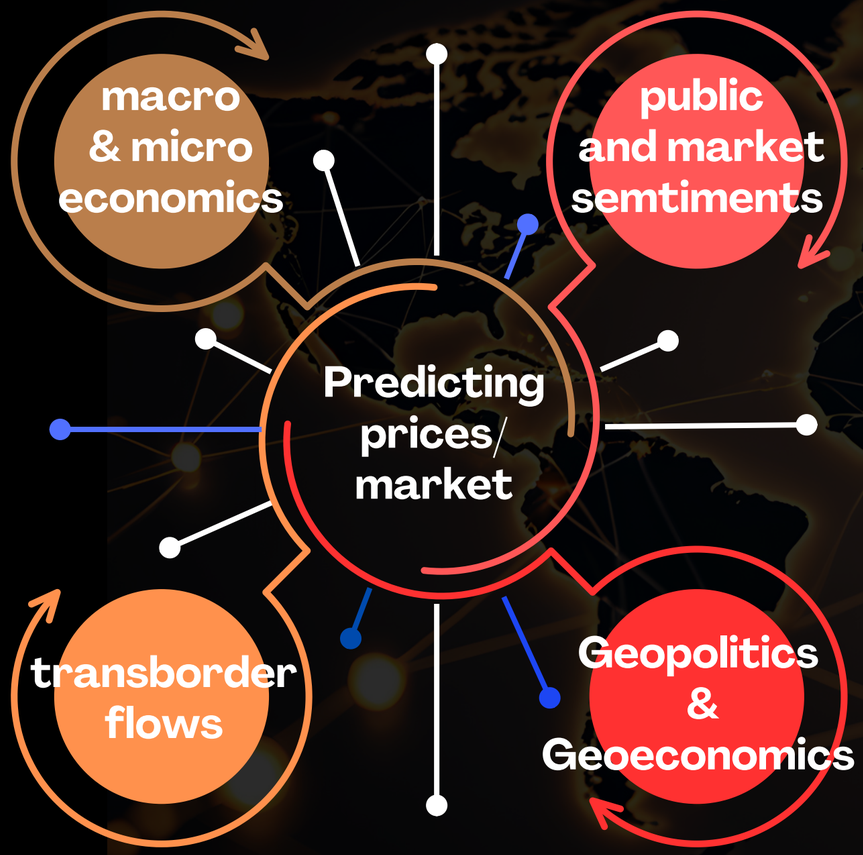
Are you buying the right volume?

Are you buying at the right time?

Where to invest in the next few years?

UNDERSTANDING THE MARKET IS COSTLY & HARD TO DO

one needs hundreds of
thousands of inputs



need extreme data sets and
their understanding

identify the relationships and
impacts dynamically

update daily with
an expert team

Generic tools are helpful, but it's challenging to make complex decisions based
on them, and developing more realistic alternatives
costs a lot of time and money.

CROSS-SECTORAL LENS ON YOUR MARKET WITH PLUG & PLAY SOLUTION

GARI

GARI - a Neural Networks with over 16 Billions Data Points Interacting with Each Other & updating using AI to calculate & predict insights live

use for

Increase
Margin & Effectiveness

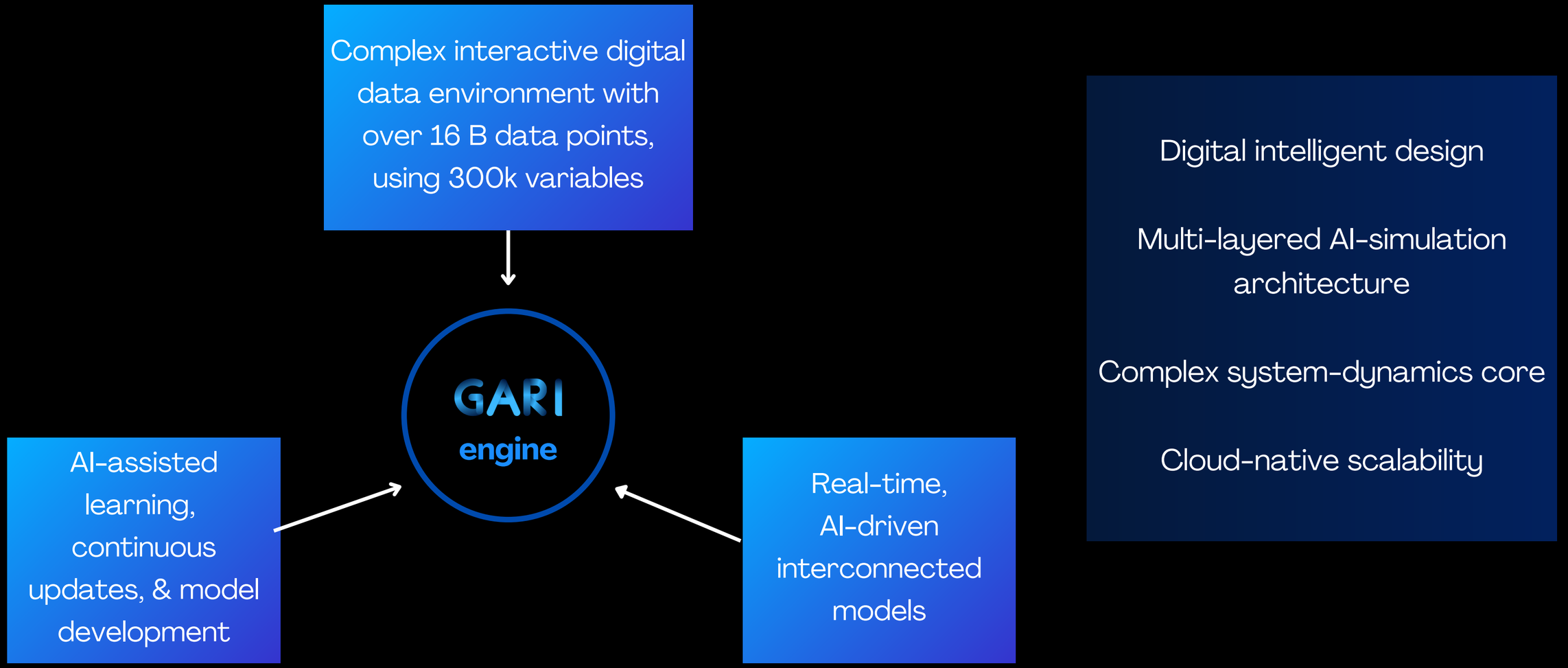
Market Lens
(70% - 95% accuracy)

- Project Cost of Goods
- Project Demand
- Project Impacts of Disruptions
- Provide Strategic Insights & Guidance

Reduce
Cost & Risk

GARI'S STRONG CUTTING-EDGE TECHNOLOGY

Over 8 Years we collecting testing and integrating the data points to teach our AI to identify and combine right impacts to calculate right insights



PLUG&PLAY

MARKET LENS

Tiered pricing based on coverage and features.

Demo
(Set up needs)

Login
&
See your
prediction

Connect your
data to unlock
potentional

integrate into GARI's
models for precisely
tailored results

1 week

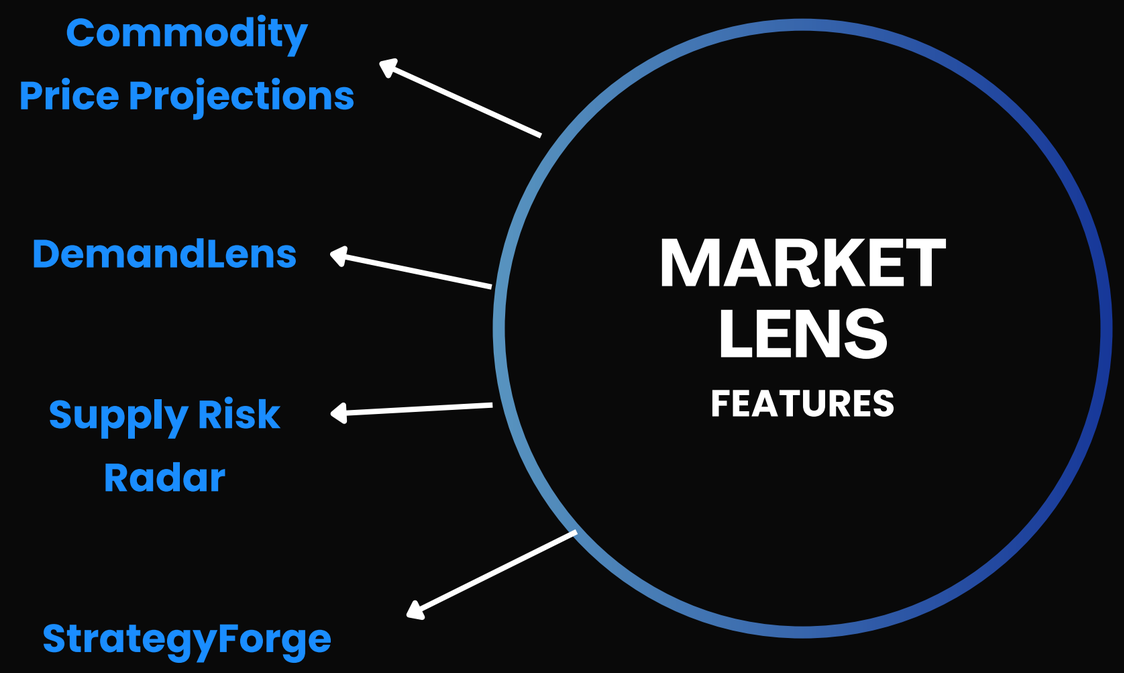
1 - 2 weeks

MARKET LENS

70-98%

measurable accuracy

GARI



PILOTS WITH

ČESKÁ spořitelna

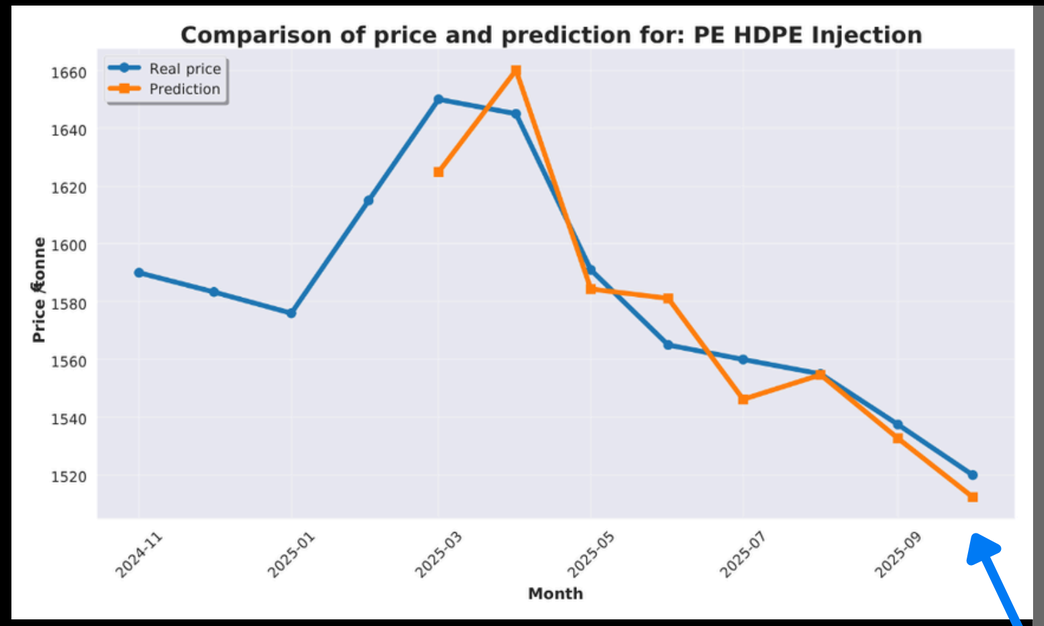
European Commission

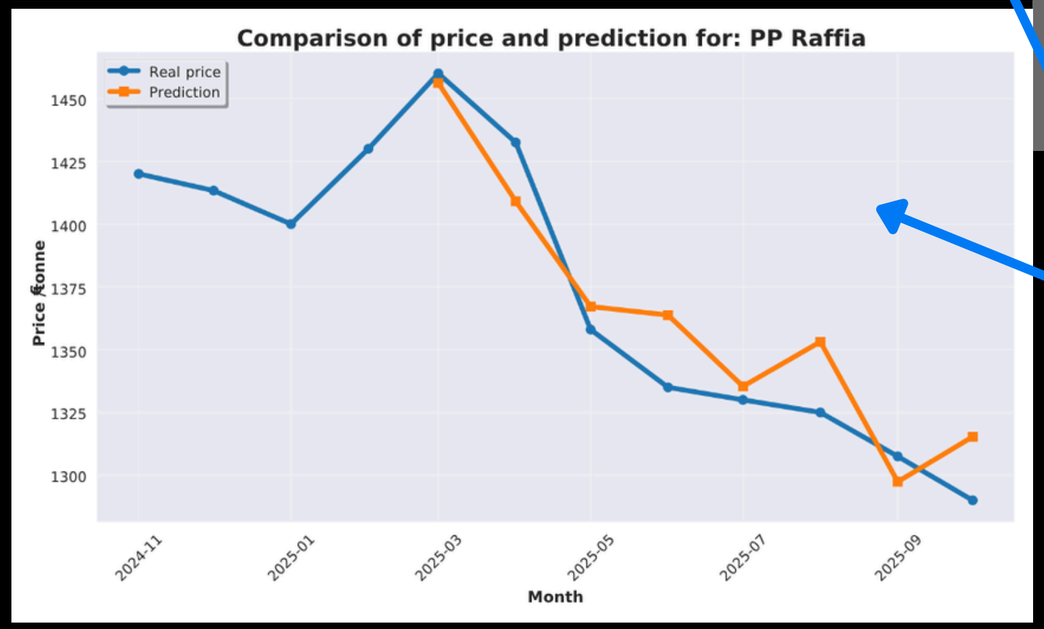
EUROPEAN DEFENCE AGENCY

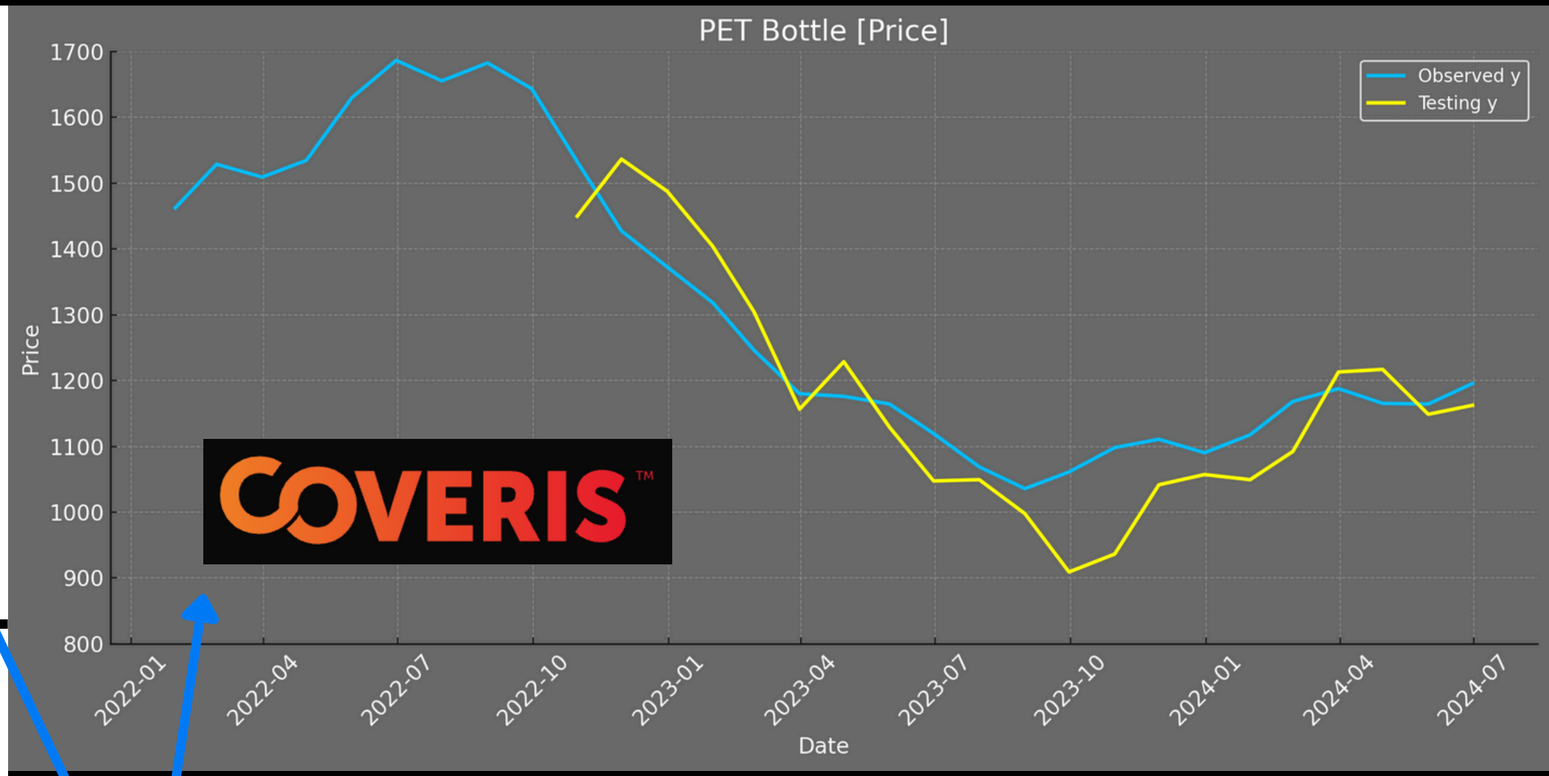
RAND CORPORATION

Ministry of Defence of the Czech Republic

CASE







consistently over
95% accuracy

Buying with GARI's Lens
SAVES/**EARNS** our clients
€2 M EUR

case study - €2m saved

COVERIS™

THE CHALLENGE

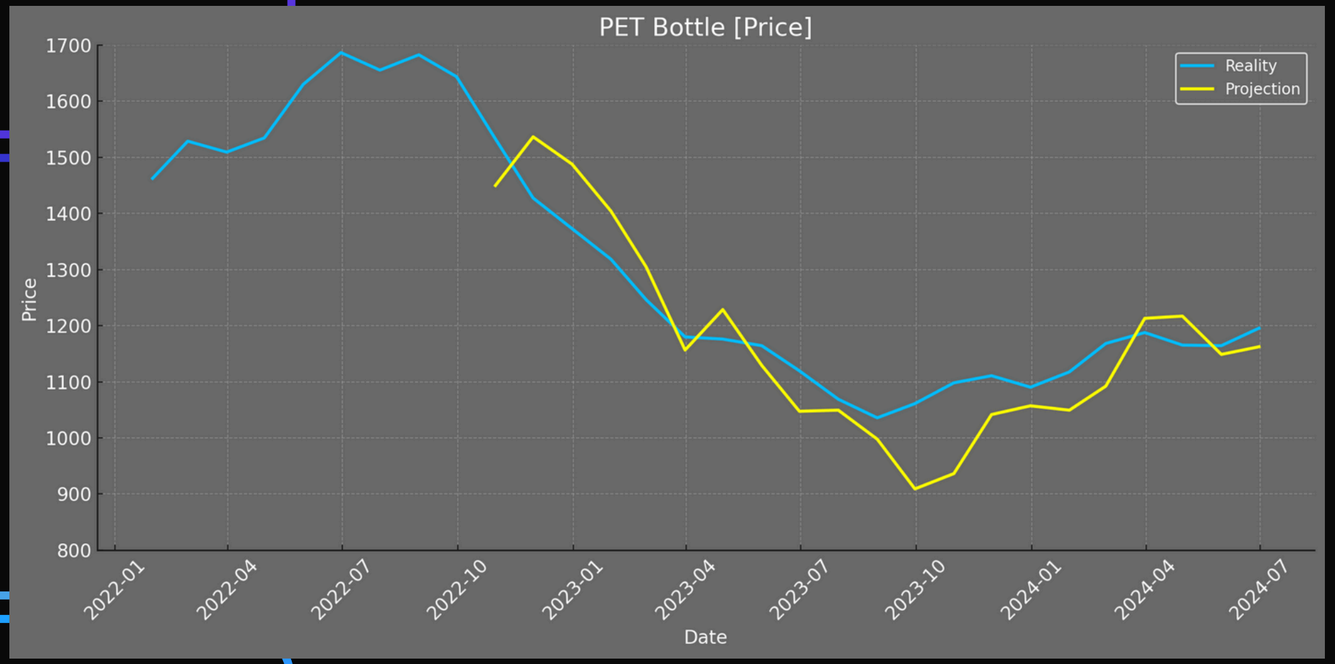
- Needed foresight for **resin price volatility** in flexible packaging
- Procurement teams lacked early signals → stock decisions were reactive and costly

OUR SERVICE

- Deployed **CPI price projections** (18-month horizon)
- Integrated into their **monthly procurement process**
- Delivered **real-time dashboard** with buy-window recommendations

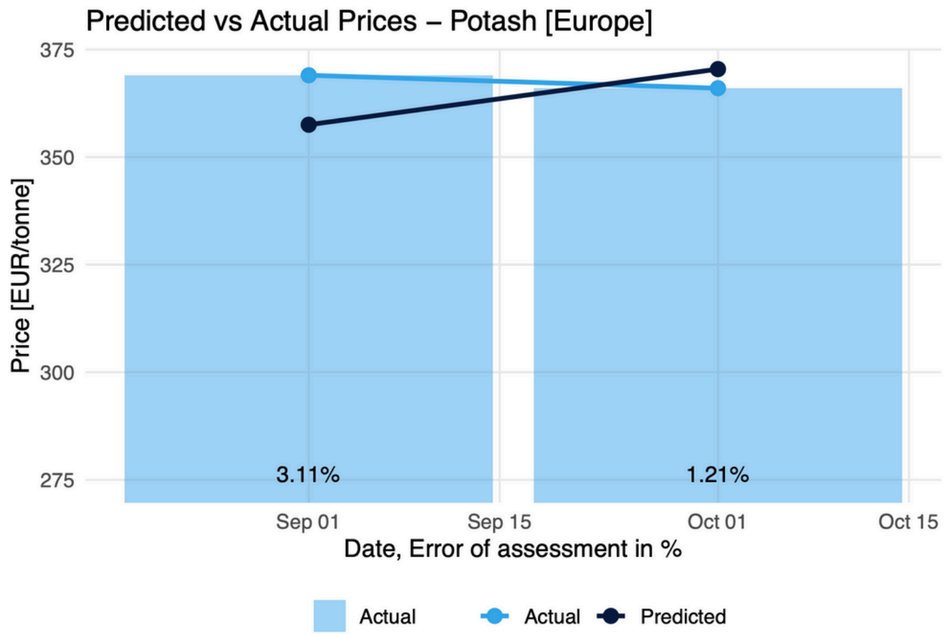
THE RESULT

- More confident stock purchasing decisions
- Avoided major cost increases during volatile periods
- COVERIS estimates **€1–2M annual savings** from GARI forecasts



Above - GARI prediction for COVERIS on PET bottle prices for next 18 months

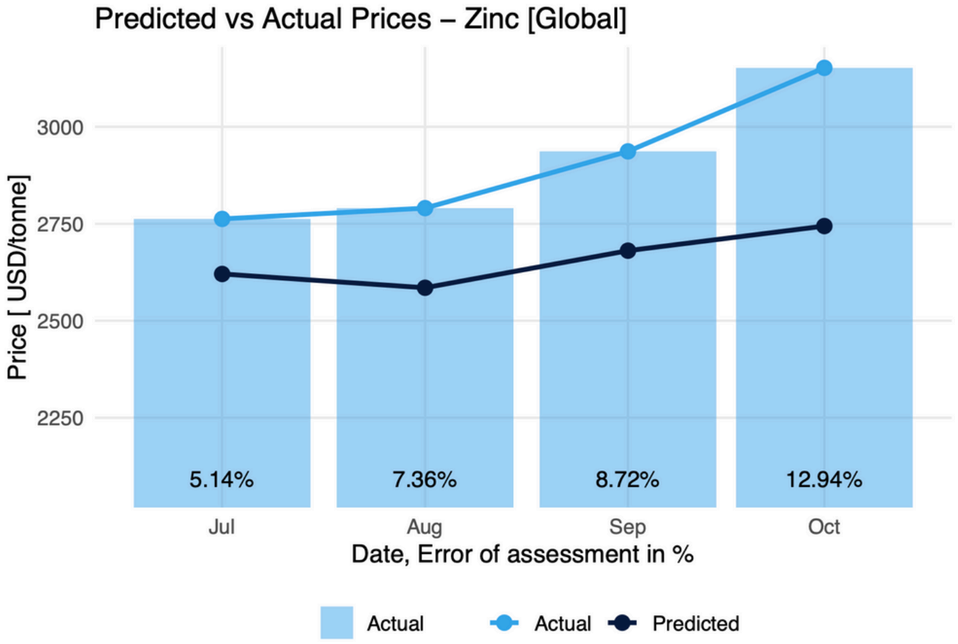
- The blue line is observed - reality
- The yellow line was our prediction
- GARI saved COVERIS €2m



ACCURACY REPORT

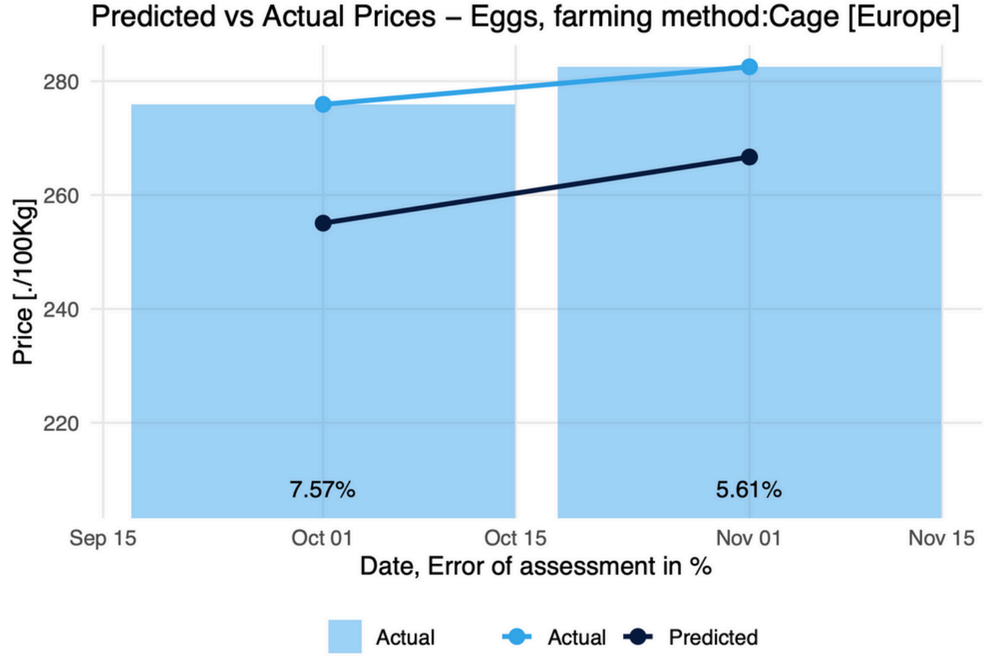
Preliminary Performance Assessment (November 2025)

In September 2025, we ran a full cycle of all CPI prediction models and then paused further updates to allow for an unbiased early evaluation of their accuracy. Because each commodity had a different last-known data point at that moment, the prediction horizon for each model begins at a slightly different date. The charts below show the early performance of three selected commodities, illustrating how CPI tracks real-world movements over time.



GARI predictions' deviation from reality:

Potash: 1-3%
Zinc: 5-13%
Eggs: 5-9%
Phosphorus: 1-6%
Nitrogen: 0-1%
Iron Ore: 10-20%
Copper: 3-14%
Aluminium: 4-12%
Coffee: 1-2%



GARI

Commodity Price Intelligence

DEMO

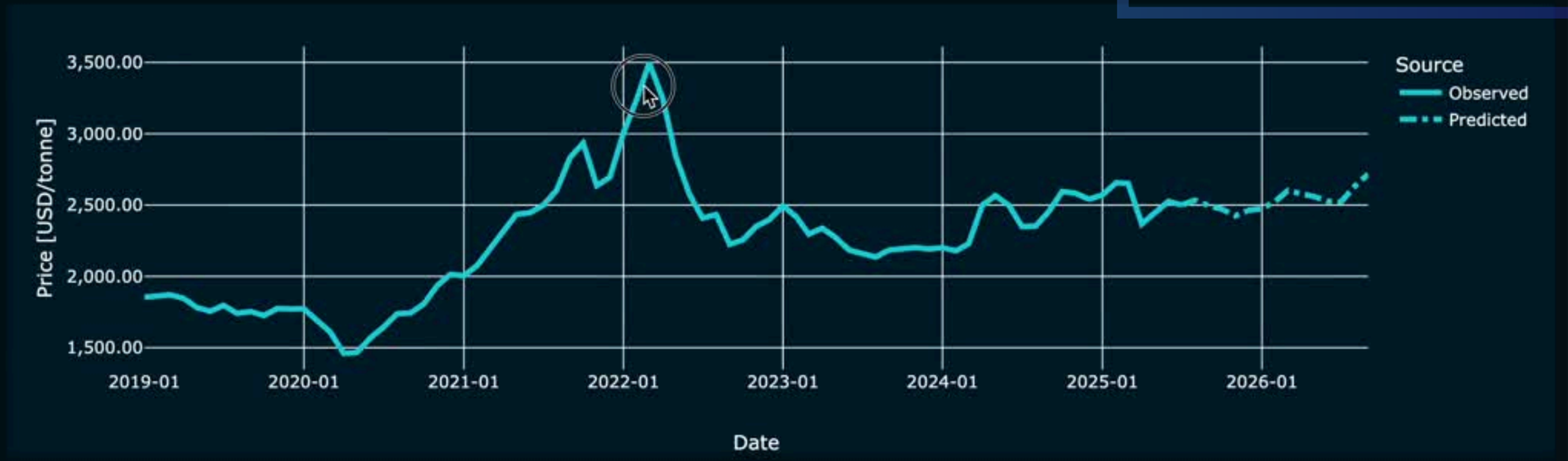
Industrial Metals

Agri-Food Products

Fertilisers

- Aluminium [Global]
- Copper [Global]
- Iron Ore [Global]
- Zinc [Global]

Aluminium [Global]



COFFEE (COVID PERIOD)

THE CHALLENGE

- **COVID created uncertainty in coffee supply** — producers had **no reliable signal**.
- Risk of overpaying or under-stocking.

OUR SERVICE

- GARI simulated agriculture, exchange rate, trade, and climate data.
- **We revealed a major and seemingly implausible spike in prices**

THE RESULT

- Producers could adjust procurement accordingly.
- Forecast was accurate — the spike materialized.
- **Millions in potential losses were avoided.**

GOV SANCTIONS ON RUSSIA

THE CHALLENGE

- German government had **18 hours** to decide sanction levels.
- Needed to know how different options would affect **European trade and economy**.

OUR SERVICE

- GARI provided complex data for simulaing the impact of multiple sanction scenarios.
- Delivered a full data-driven insight in **12 hours**

THE RESULT

- German parliament could make a **data-backed, informed decision.**
- Understood clearly how sanctions would impact and **hurt EU economies**.

INFLATION

THE CHALLENGE

- EU institutions and central banks saw **low inflation risk.**
- Forecasts dismissed the possibility of rapid price growth in Europe.

OUR SERVICE

- GARI **predicted double-digit EU inflation 4 - 6 months ahead** of central banks.

THE RESULT

- **Inflation surged exactly as GARI predicted.**

OIL

THE CHALLENGE

- In early 2025, Global energy markets continued to be volatile and unpredictable.
- Most forecasts failed to anticipate a sharp downturn.

OUR SERVICE

- GARI simulated global trade, demand, and supply dynamics.
- **Predicted a dramatic drop in oil prices ahead of the market.**

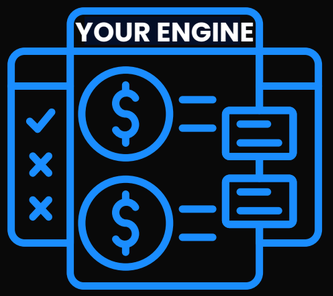
THE RESULT

- Clients could prepare for the downturn in advance.
- Protected margins and adjusted strategies while others were caught off guard.

global
complexity & volatility

GARI
MARKET LENS

clear, actionable signals
proven savings
& risk reduction



demo — specification — pilot — tailoring → your engine

1 week

1 - 2 weeks

GARI

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+420776331657

LENS CORE-PRO-MASTER-ENTERPRISE

Commodity Price Projections

Real time projections of commodity prices. Times buys & hedges; cuts COGS volatility

DemandLens

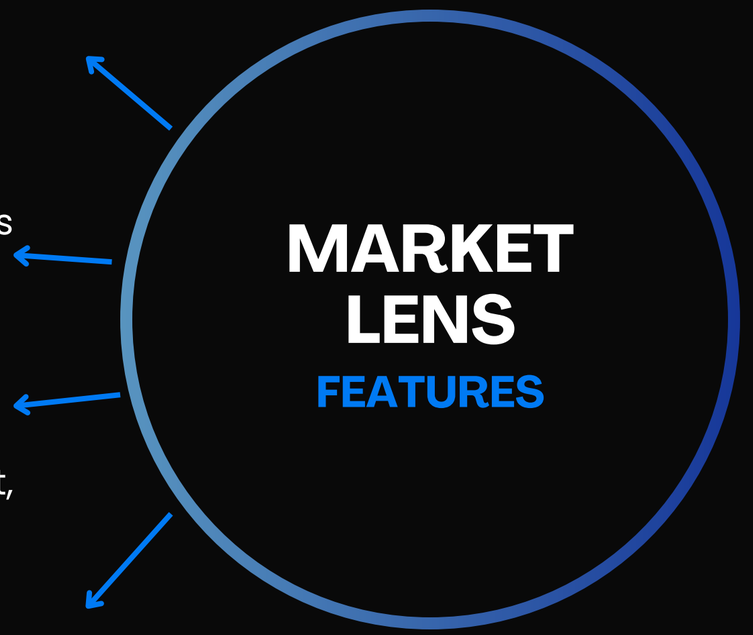
outside-in demand forecasting; reduces inventory while lifting service.

Supply Risk Radar

fused early warning across trade, transport, geopolitical, & cyber/ hybrid disruptions. **turns alerts into actions**

StrategyForge

scenario & decision workspace; turns signals into staged CAPEX, pricing, & portfolio moves.



ENTERPRISE 360

Advanced Strategic Forecasting

— captures “advanced forecasting” + embeds the required “strategic”.

Strategic Insight & Scenarios

Structured scenarios revealing risks, opportunities, and decision pathways.

Systems-level Analysis

Global interactions across markets, policies, and supply-chain dynamics.

Enterprise-Grade Support & Integration

Dedicated workflows, integrations, and support tailored to enterprise needs.

GARI

how we increase | save your margin

CPI:
1–3% net buy-price improvement; hedge variance **-20–40%.**

BUYING
predict cost of inventory

STORING
predict volume to buy

GARI
Unique AI & machine learning model (8 years developed & tested)

INVESTMENT STRATEGY
Have a strong data direction

MITIGATING RISK
Prepare for supply risks

DemandLens:
δ-MAPE **+15–30%**;
Days of Inventory **8–15%**;
service **+1–3pp**.

StrategyForge: staged investment IRR **+2–5pp;** decision speed **+4–8** weeks; consulting spend avoided **€1–3m.**

Supply Risk Radar:
disruption days **-30–50%**;
premium freight **-20–35%**;
buffer optimisation **5–10%**

COMPETITION – THE DIFFERENCE IS 70 – 90% ACCURACY

costly & narrow & time consuming

🧮 DIY
Spreadsheets
ChatGPT

- ✅ Affordable
- ❌ Insufficient complexiity of data
- ❌ Or not based on data
- ❌ Inaccurate, hallucinates
- ❌ Over time - more costly

Market Research
& Consultancies

- ⚙️ Focused but narrow
- ❌ Limited in scope & context
- ❌ One-off, problem-specific

Data Platforms

- 💼 Domain credit but siloed
- ❌ Not predictive
- ❌ Rigid, vertical-only
- 💰 Expensive

How deep AI can solve these challenges?

GARI's AI solutions manage **extreme complexity** with **precision** and **speed**

Maintain a dynamic, self-correcting simulation by processing **billions** of data points.

Multilayered AI solutions to **map** relationships among **all inputs** and commodities.

Accounts for **micro, macro** factors, and transborder **flows** simoultaneously

Recalculate the **adjust** all relatitonships daily – as **impacts shift** all the time.