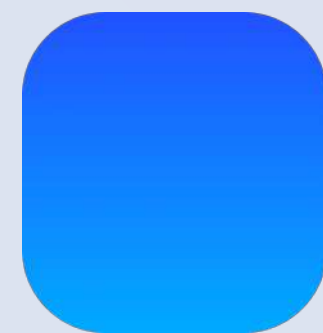




# Kineticore

The Physics-First Digital  
Twin Engine

June 2026

[dima@kineticore.io](mailto:dima@kineticore.io)

Try Pitch

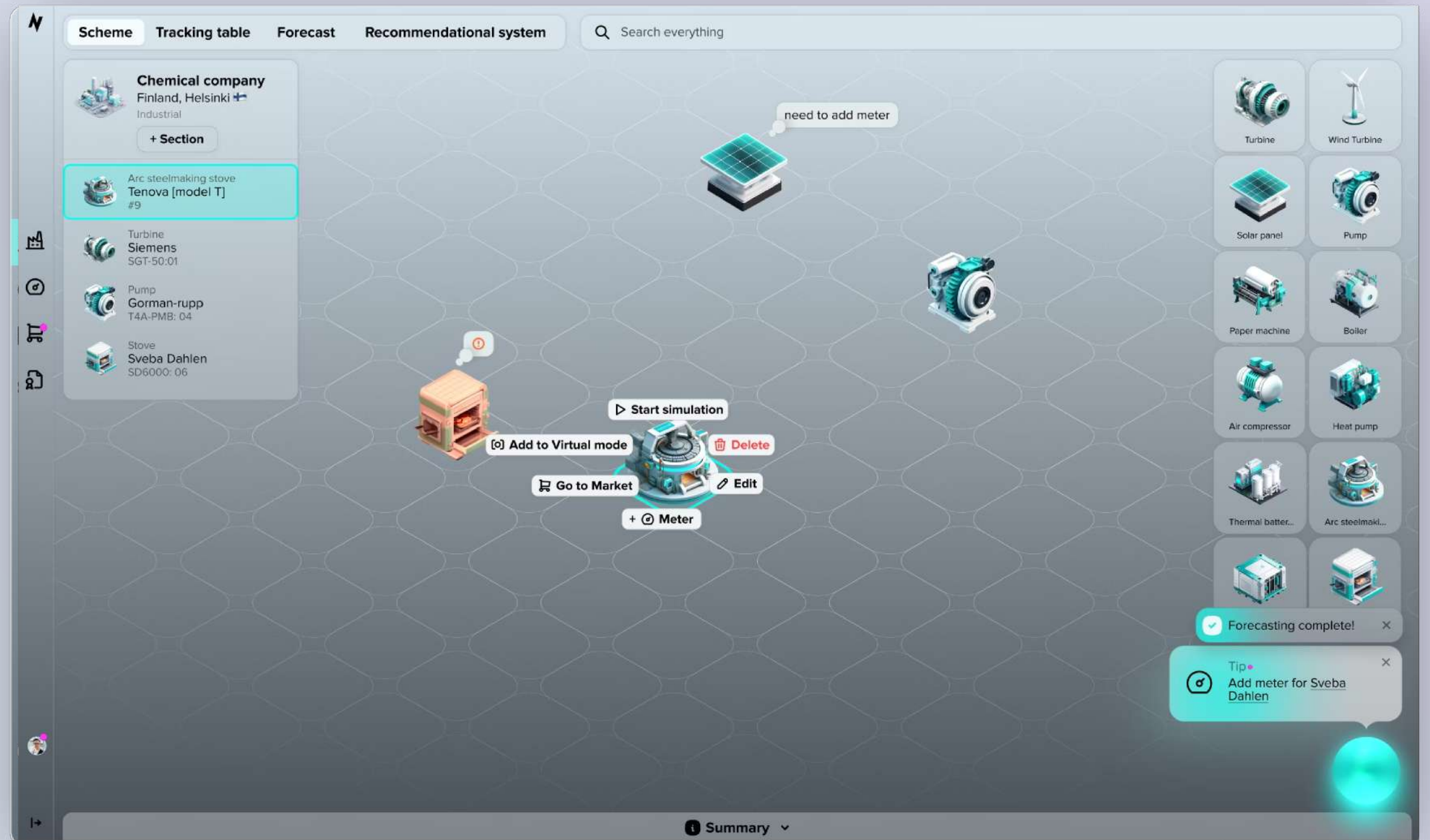
## 1. Problem

Years-long deployment , unreliable predictions in real world operations.

## 2. Solution

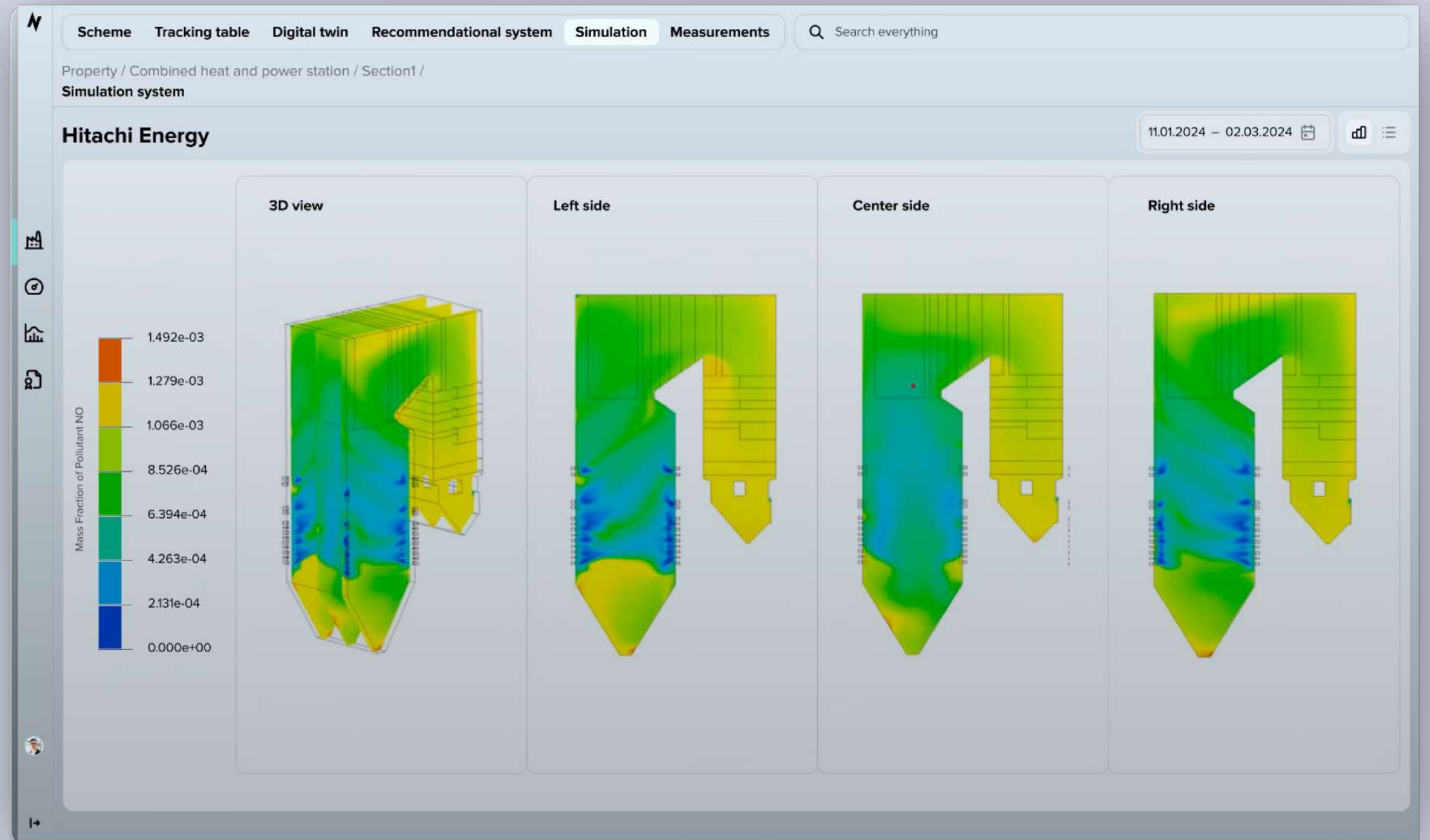
Designed for rapid deployment by IT and automation partners.

Our models start at 80% accuracy because they already know how the equipment *should* behave.



### 3. Technology

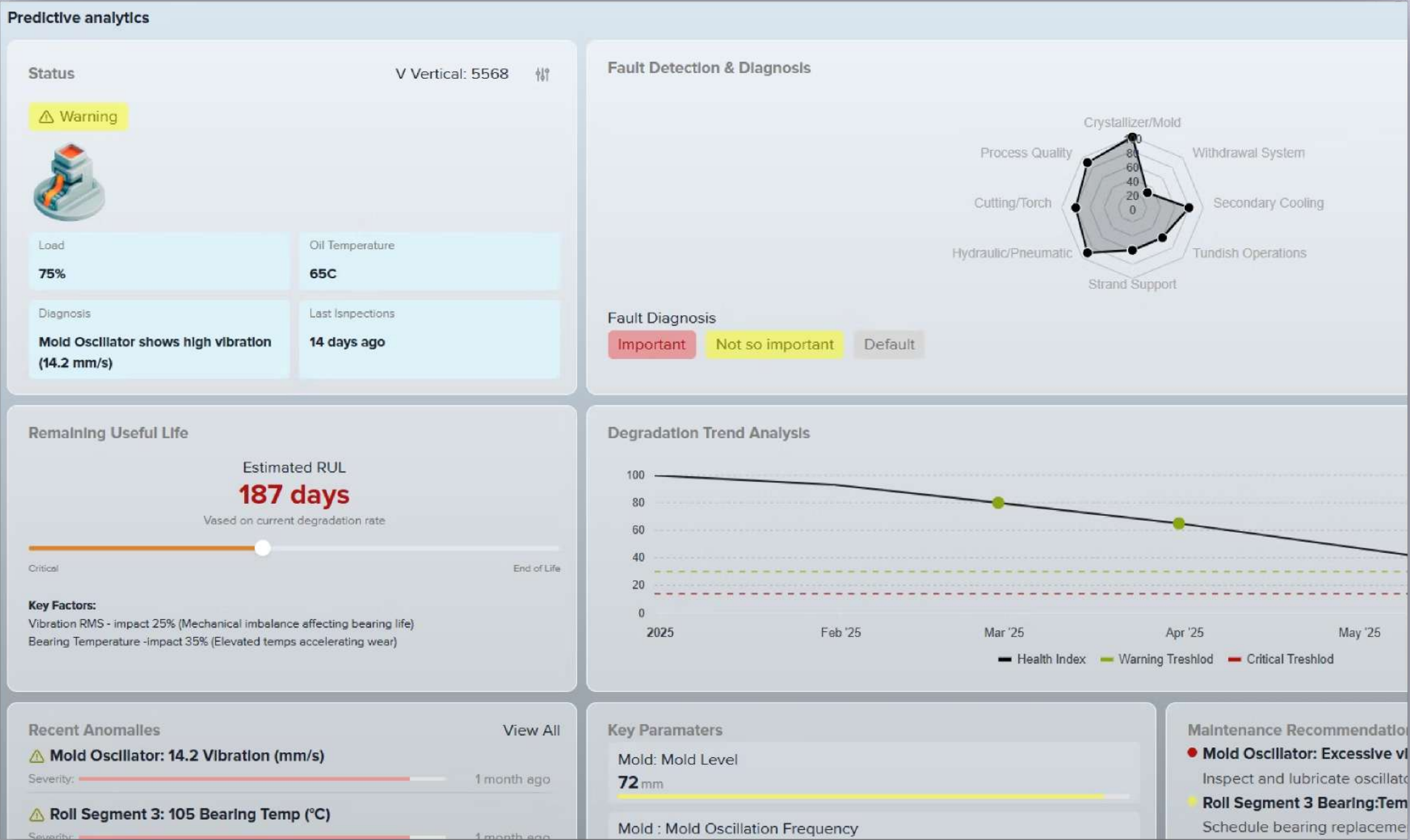
Built on PINNs,  
thermodynamics, and  
chemical kinetics.



# 4. Value: Earth

ESP faults prediction with 85% accuracy to eliminate costly unplanned downtime.

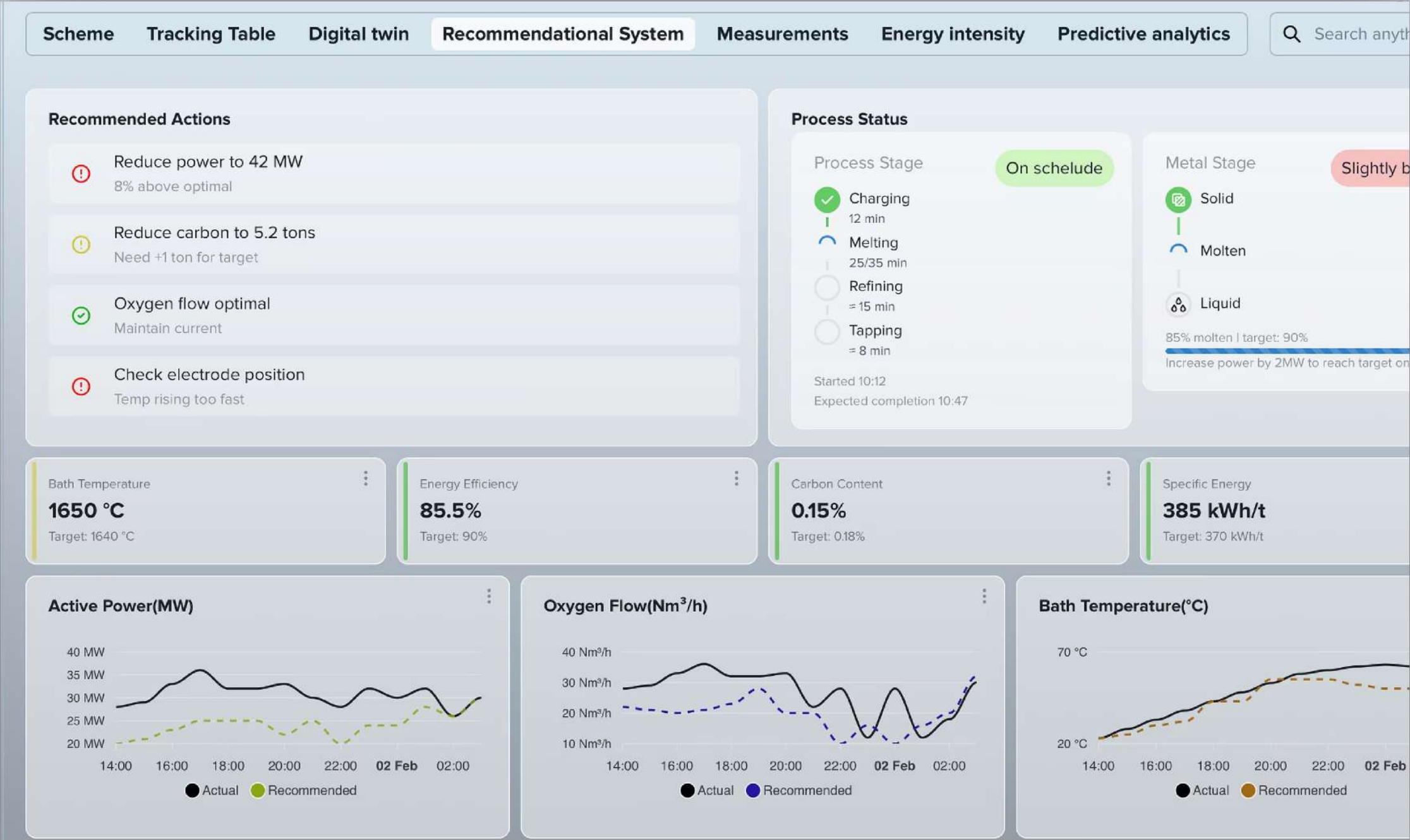
H2O2 distillation column performance optimization, directly increasing operational margins by up to 20%



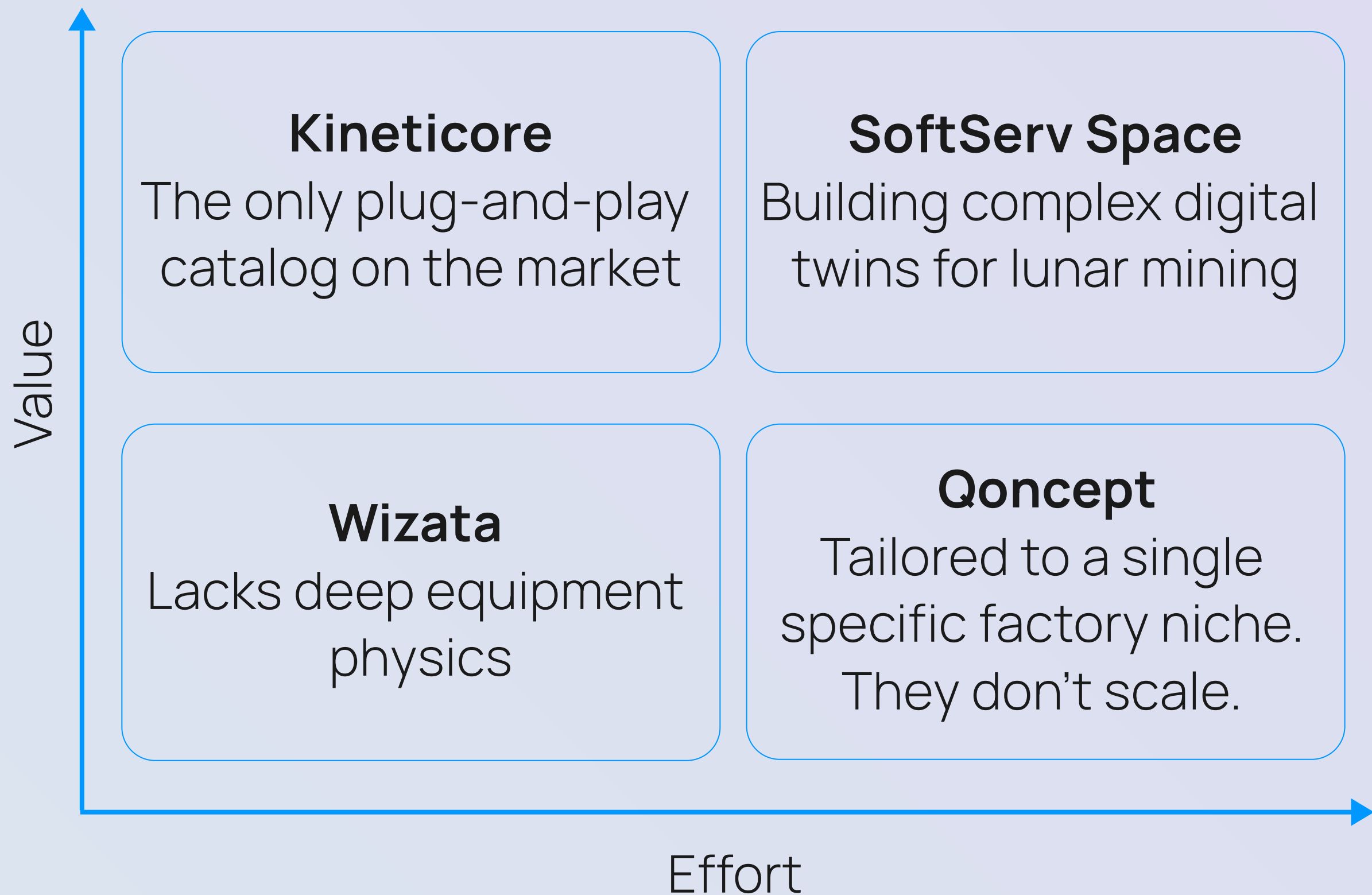
# 5. Value: Space

**Regolith refining:** Optimizing chemical extraction of water, oxygen, and metals.

**In-situ propellant production:** Maximizing fuel column yield for return missions.



# 6. Competitors

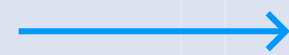


## 7. Milestones & Business Model Evolution

### Phase 1: Entry

Subscription +  
License

Market Validated +  
Proven Impact



### Phase 2: Scale

Value-Share model

Vertical Domination



### Phase 3: Lock-In

Reliability Shift

Infrastructure  
Standard

## 8. Team



**Dima**

Founder, Industrial Expert



**Dr. Kai**

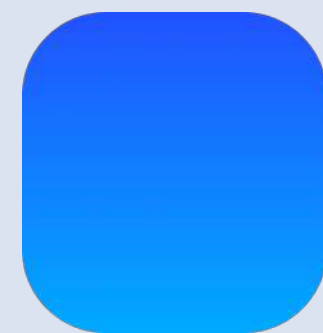
Research Scientist, CFD



**PhD. Simon**

Doctoral Researcher,  
PINN

Earth's harshest industrial physics,  
trained today to power tomorrow's  
Space infrastructure



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