

The background of the image is a deep purple with a network of glowing, intersecting diagonal lines in shades of cyan and magenta, creating a sense of dynamic movement and technology.

AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

AVEVA WORLD MILAN, MAY 2026

Mining, Metals & Minerals Community Session

AVEVA

AVEVA WORLD MILAN, MAY 2026

Energy Intelligence: The key to competitive mining, metals and minerals

Mining, Metals and Minerals Community Session

Tommi Fältmars, Director, Energy Management, Newmont

Francesca Audisio, Engineer Automation EU & APAC, Sibelco

Mounir Boemond, Global Director Sustainability Value Lead, AVEVA

Glenn Kerkhoff, Global Industry Leader Mining, Metals & Minerals, AVEVA



Panel

Your Panelists



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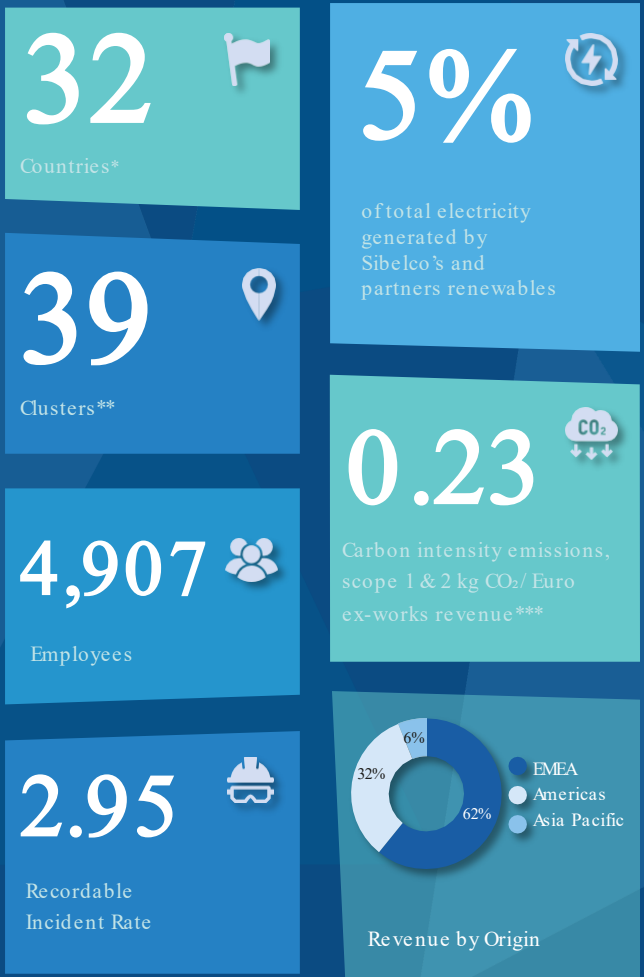
From Data to Decarbonization: AVEVA PI System to Reduce CO2 Emissions in Energy- Intensive Processes



Sibelco Overview



Non-Financial Key Figures at end Dec 2025



Financial Key Figures 2025

Revenue in € million

2025	€ 2,237
2024	€ 2,225
2023	€ 2,104

EBITDA in € million

2025	€ 455
2024	€ 471
2023	€ 414

Adjusted FOCF in € million

2025	€ 85
2024	€ 239
2023	€ 169

Adjusted ROCE in %

2025	11.0%
2024	15.1%
2023	12.5%

* Countries with mining or industrial operations

** A cluster is a group of Sibelco sites operating together as a single, decentralised mini enterprise, working within a global framework. Cluster teams are empowered to think and act like entrepreneurial owners

*** Baseline recalculated in line with GHG protocol.
More on the CO₂ Strategy in [our Climate & Energy Report](#)

Adjusted FOCF: excludes the impact of customer prepayments
Adjusted ROCE: Recurring EBIT/ Avg Capital Employed

Our Purpose

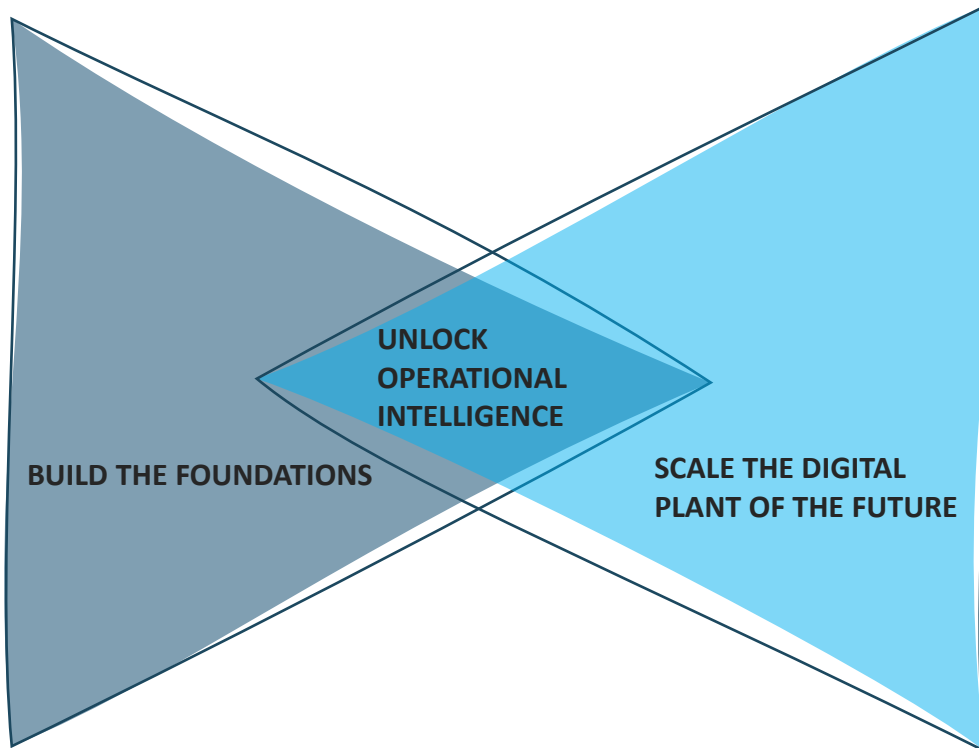
Everything we do is guided by our purpose:

Material Solutions Advancing Life

We create materials that power progress. Our products help to build homes, cities and vehicles; to support the supply of renewable energy, food and clean water; to create technologies such as smartphone display screens, printed circuit boards and semiconductors.

We do this within a robust sustainability framework, always balancing economic performance with environmental stewardship and social responsibility.





- BUILD THE FOUNDATIONS

You can't reduce energy or CO₂ if you can't see it.

Standardized operational and energy data, Energy per asset / process, Reliable baselines for kgCO₂ /tp & kWh/tw

- UNLOCK OPERATIONAL INTELLIGENCE

Energy optimization becomes operational, not theoretical

Energy performance KPIs, Campaign energy comparison, Operators actively optimizing energy + production

- SCALE THE DIGITAL PLANT OF THE FUTURE

Decarbonization scales only when digital foundations are in place

APC & AI optimizing energy-intensive processes operations, Network-level visibility of energy & emissions

TODAY EVERY PLANT SPEAKS A DIFFERENT “DATA LANGUAGE”

From Data To Decarbonization In Energy-intensive Processes



RTDF = Real Time Data Foundation

CONTROL

Used for controlling the process (Motor current, Speed, Interlocks, Process Units)

How RTDF treats it:

- ✓ Control logic remains unchanged and local
- ✓ Read-only access to the data
- ✓ Remains plant-specific
- ✓ RTDF applied as a foundational enabler for consistency and scalability

This is where consistent energy data is created

ADD-ON

Used for monitoring and optimization (Vibration, temperature, bearing condition, energy consumption)

How RTDF treats it:

- ✓ Fully standardized by design
- ✓ Energy data contextualized by asset, batch & product
- ✓ RTDF applied by design, enterprise ready and modular

This is where ENERGY & CO₂ insight is created

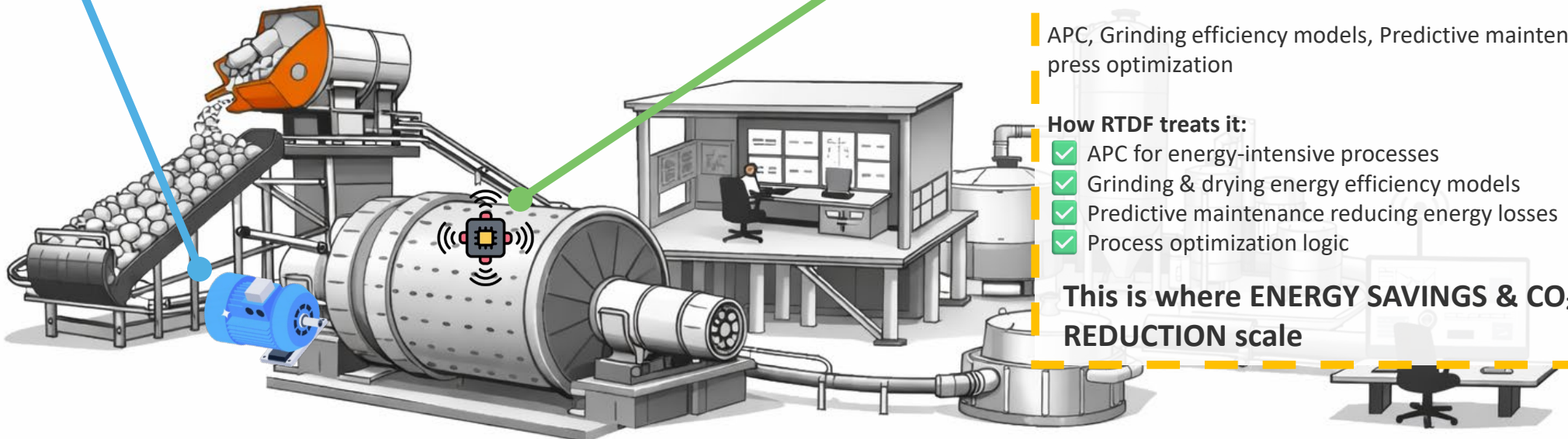
MODULAR

APC, Grinding efficiency models, Predictive maintenance logic, Filter press optimization

How RTDF treats it:

- ✓ APC for energy-intensive processes
- ✓ Grinding & drying energy efficiency models
- ✓ Predictive maintenance reducing energy losses
- ✓ Process optimization logic

This is where ENERGY SAVINGS & CO₂ REDUCTION scale



TOMORROW: DATA-DRIVEN ENERGY-EFFICIENT OPERATIONS



Control
Run the process

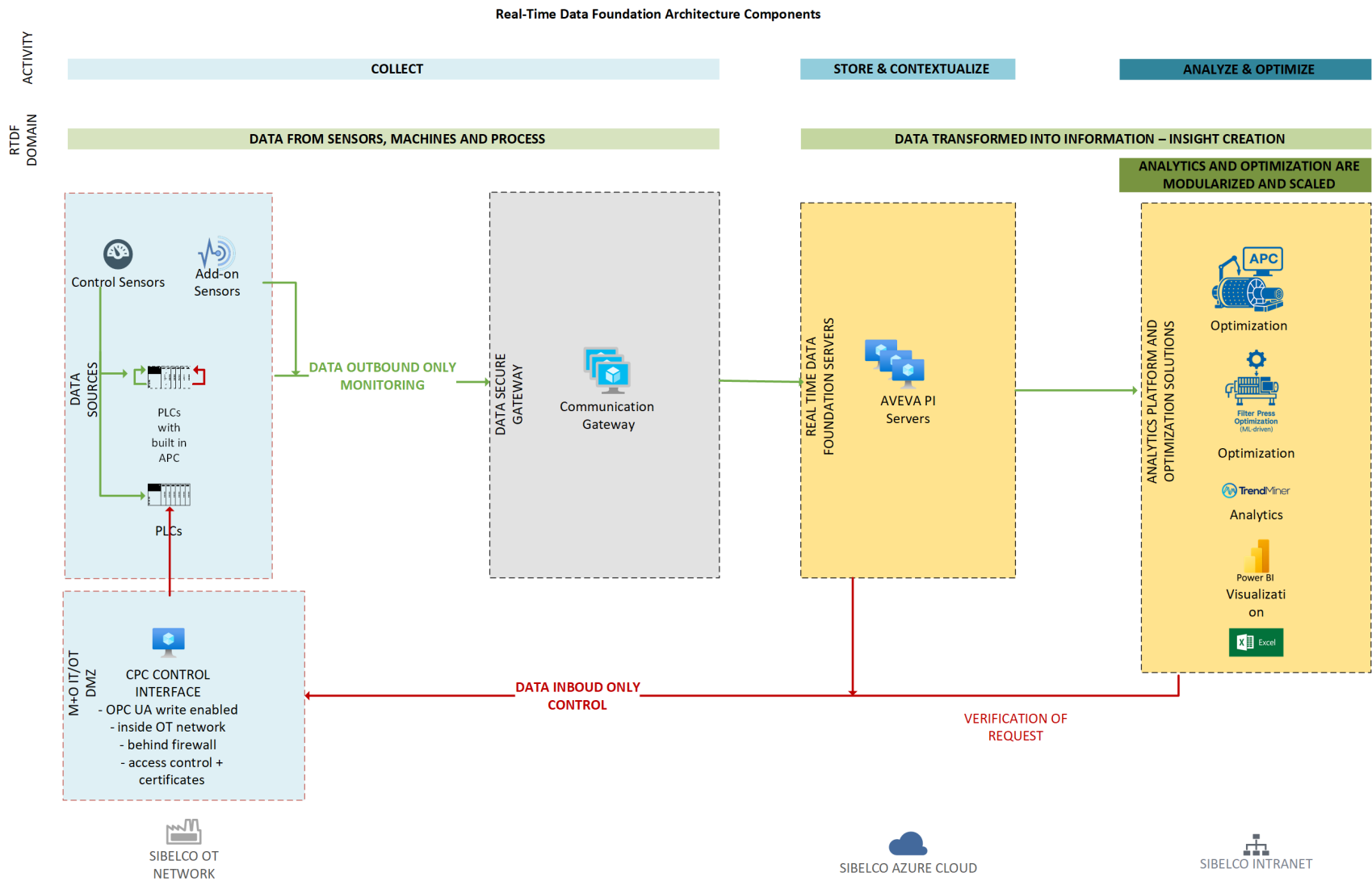


Add-On
Observe, diagnose, and understand behavior



Modular
Improve performance and economics

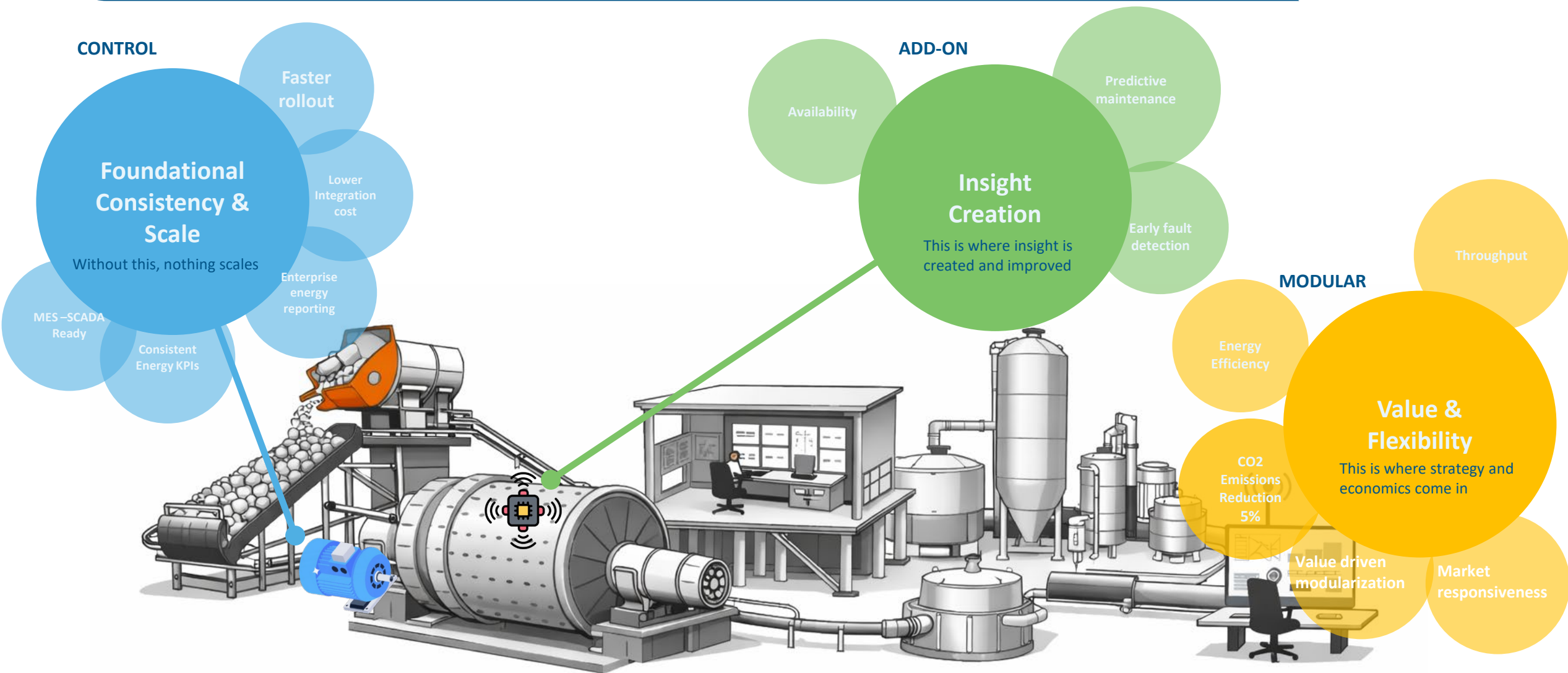
Architecture And Components



How RTDF Enables Energy Efficiency & CO₂ Reduction



RTDF = Real Time Data Foundation



TOMORROW A FULLY DATA-DRIVEN OPERATIONS TO FURTHER PROFITABLE GROWTH

Confidential, commercially sensitive information proprietary of SCR-Sibelco N.V.

From Real-Time Data to Decarbonization

Challenge

- Sibelco operations has some highly energy-intensive processes and required tight monitoring of the energy.
- Each plant has a different OT and digital maturity
- Difficult to automate, compare performance, or reuse solutions across sites
- Energy and CO₂ data lack consistent operational context

Solution

- Worked with E-matica (Integrator) we have deploy AVEVA™ PI System™ to serve as a core components of a platform for the continuous real-time energy data monitoring, calculate energy distribution and benchmark specific efficiency KPIs.

Results

- **Created an enterprise real-time data foundation that delivers trusted operational data across the organization, enabling faster decisions, improved performance, and scalable digital growth,**
- **Empowered Subject Matter Experts to continuously benchmark operational efficiency using energy metrics.**
- **Achieved a 5% reduction in CO₂ emissions for the implemented dryers through more accurate process management.**



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Questions?



Please wait for the microphone.
State your name and company.

Please remember to...

Navigate to this session in the
mobile app to complete the survey.

Thank you!

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ABOUT AVEVA

AVEVA is a world leader in industrial software, providing engineering and operational solutions across multiple industries, including oil and gas, chemical, pharmaceutical, power and utilities, marine, renewables, and food and beverage. Our agnostic and open architecture helps organizations design, build, operate, maintain and optimize the complete lifecycle of complex industrial assets, from production plants and offshore platforms to manufactured consumer goods.

Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world's most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

Learn more at www.aveva.com