

Welcome to AVEVA World 2024

AVEVAWORLD PARIS

Day 1: Morning - Keynote Speakers

Why industries' next leap forward will be founded on radical collaboration



Caspar Herzberg
AVEVA
Chief Executive Officer



Matei Zaharia

Databricks
Chief Technology Officer
& Co-Founder



Jean-Pascal
Tricoire
Schneider Electric
Chairman

AVEVAWORLD PARIS

Day 1: Morning - Keynote Speakers

Empowering the global industrial community

Driving industrial scale sustainability



Rob McGreevy
AVEVA
Chief Product Officer



Sue Quense
AVEVA
Chief Commercial Officer



Azad Hessamodini
Wood
Executive President,
Consulting



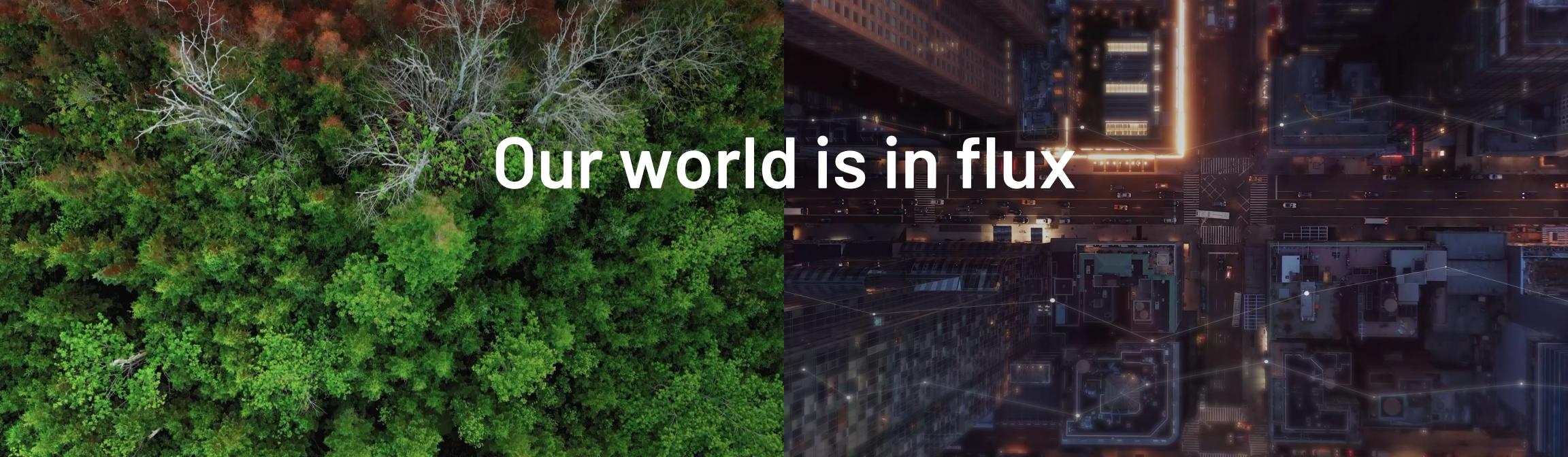
Bruno Batisse
Michelin
Chief Technology Officer

Sponsored by



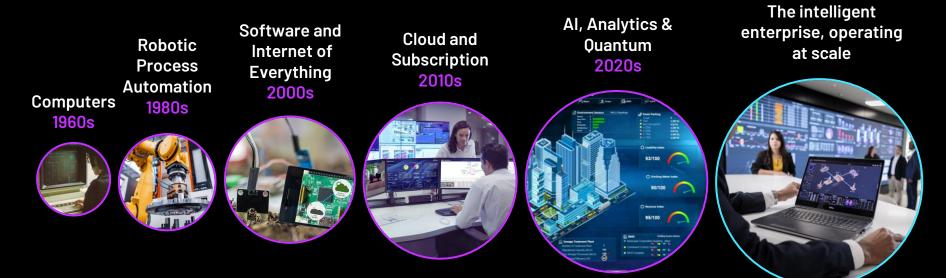


Why industries' next leap forward will be founded on radical collaboration



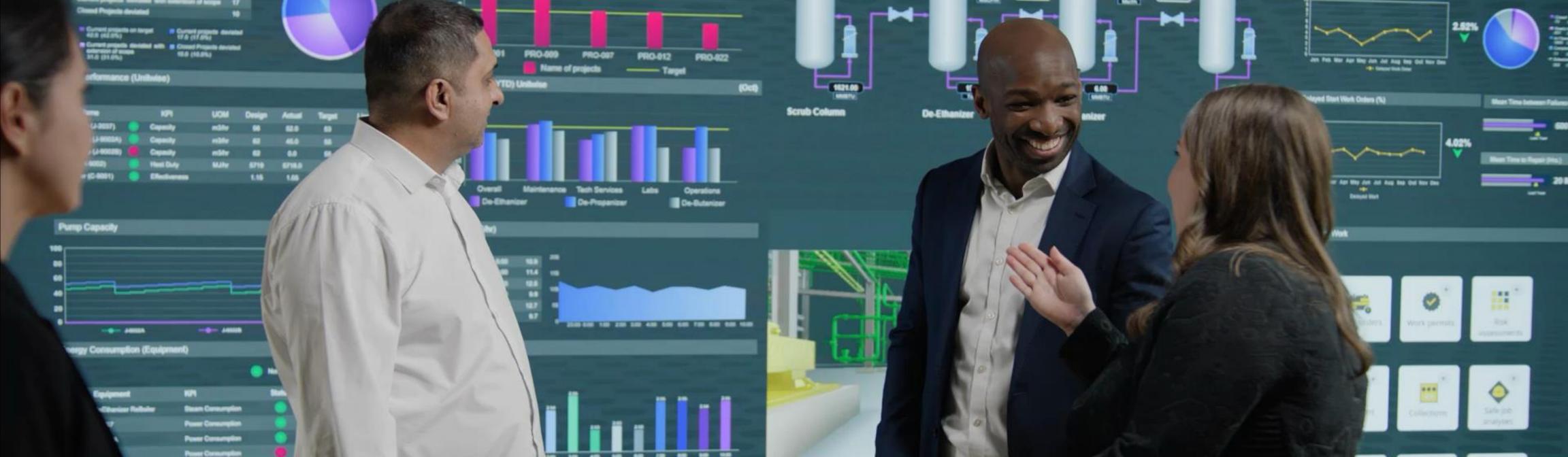
Technologies are revolutionizing daily life

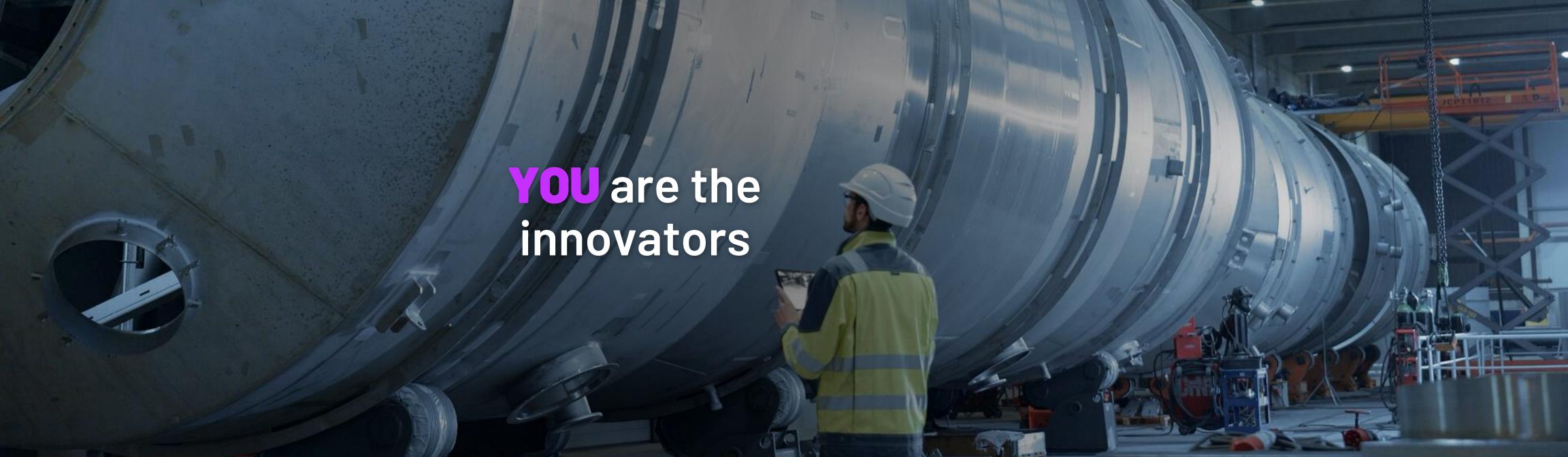
NEXT:











Al is humanity's digital twin









Connecting people and data underpins intelligent enterprise

466+%

higher ROI for companies who connect real-time data in the cloud with human intelligence

Forrester TEI Study of CONNECT, 2023

EIKem















Empowering the global industrial community













Design

Build

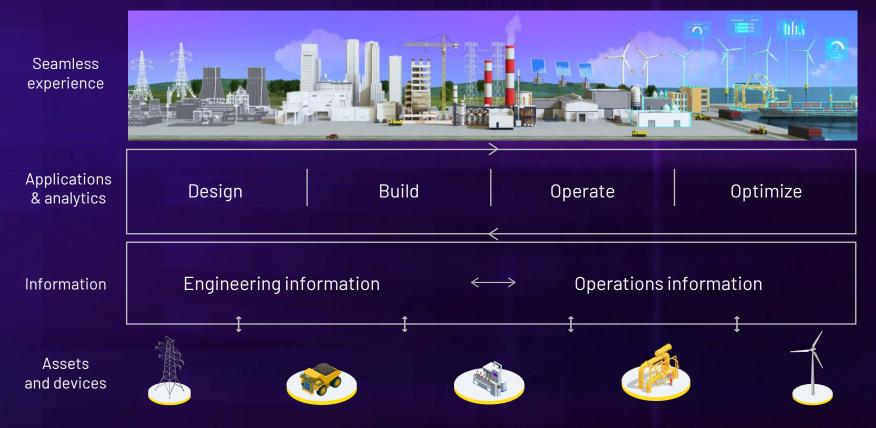
Operate

Optimize

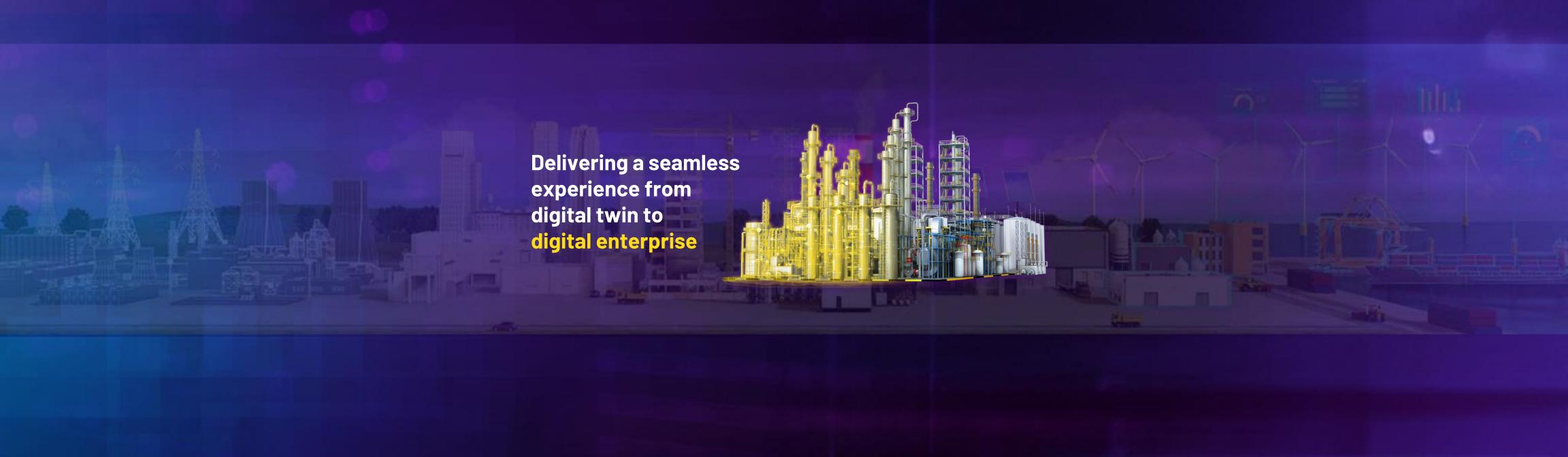


Design **Optimize** Build Operate

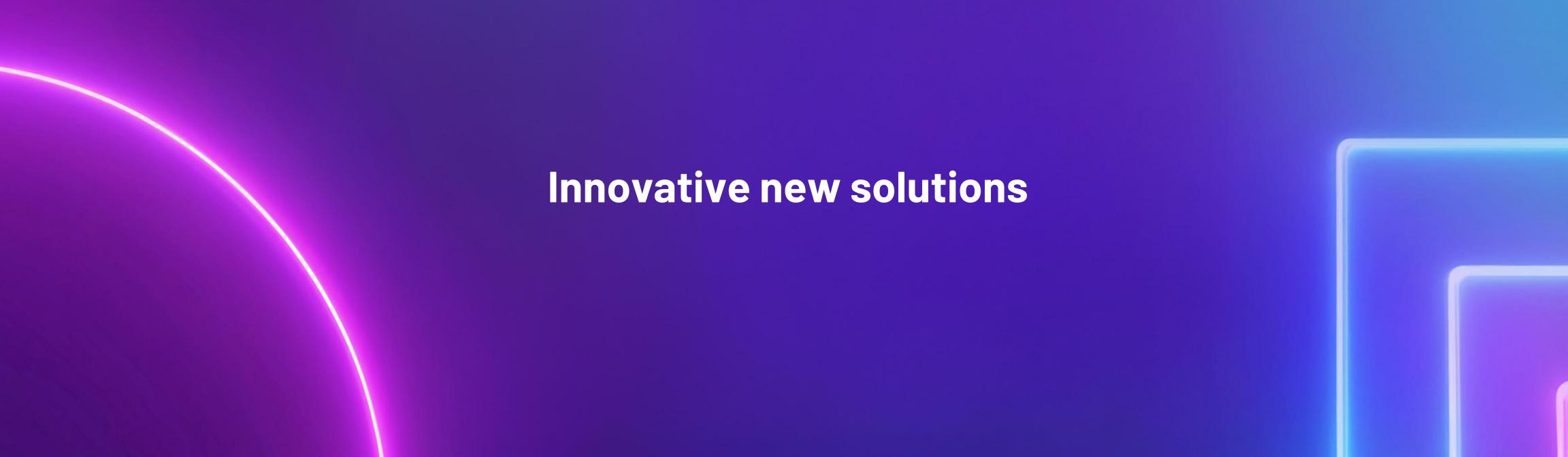
CONECT Industrial intelligence platform



All enabled by an ecosystem of developers and partners







CONTECT Innovative solutions



CONTECT Value realization



Lithium Mining

- Reduce energy costs
- Improve yield and efficiency
- Increase uptime and reliability

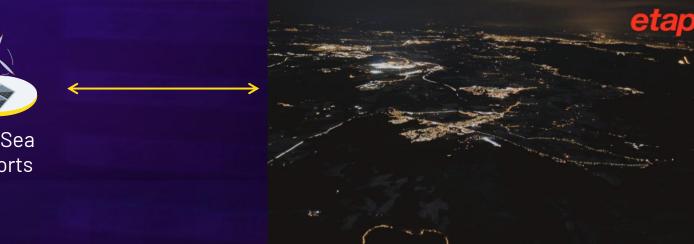




CONTECT Value realization

Renewable Projects

- Maximize utilization
- Reduce energy losses
- Improve reliability







Red Sea Resorts

CONTECT Value realization

Ship Operations

- Fuel Optimization: £35 £140M
- Reduce Engineering Costs





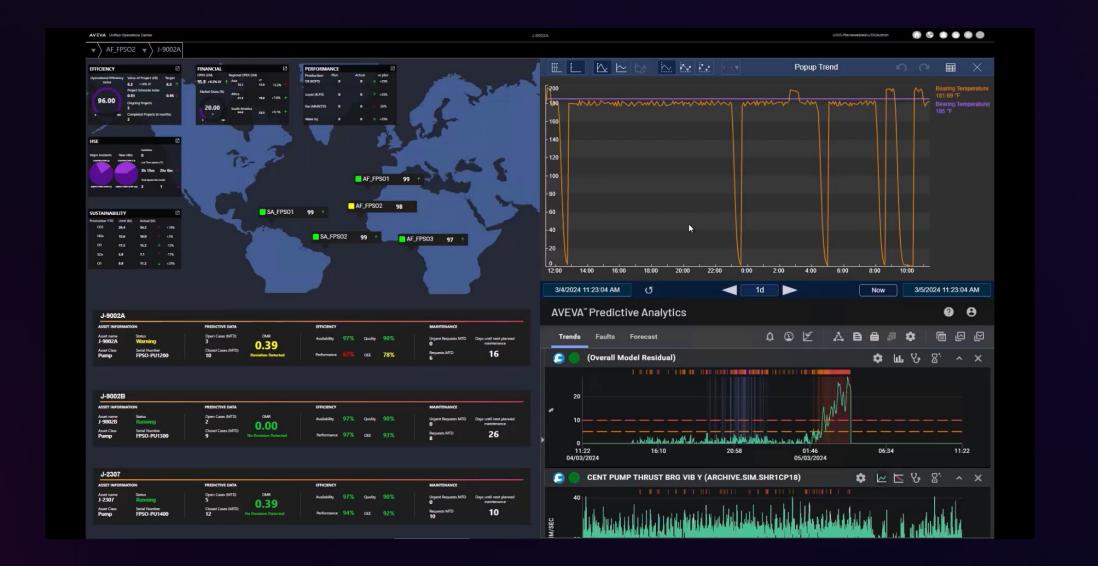


Designing assets



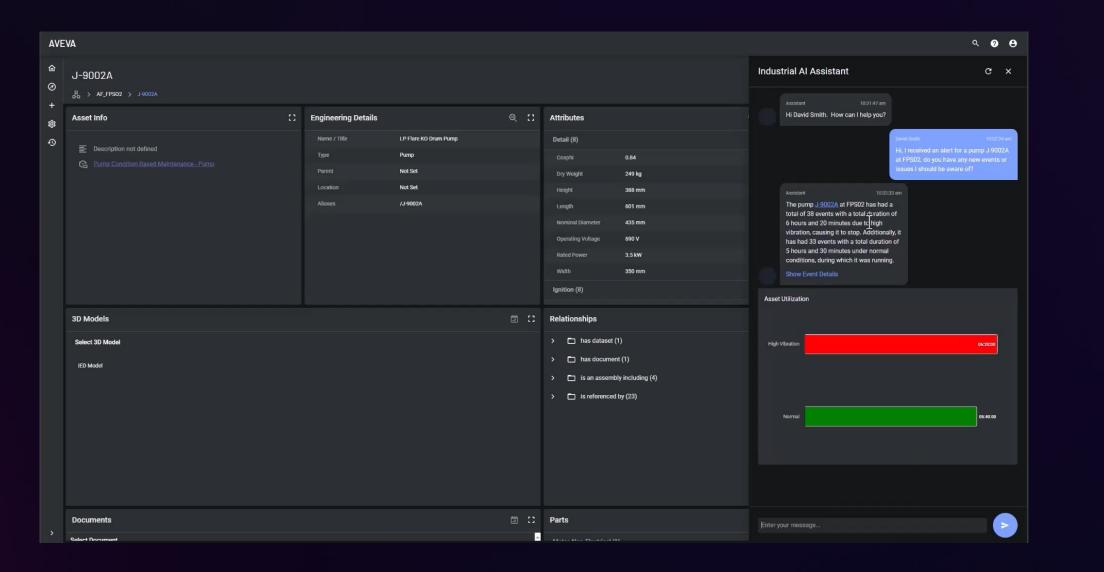
Optimizing operations

Industrial Al



Industrial Al

Al on SCADA data



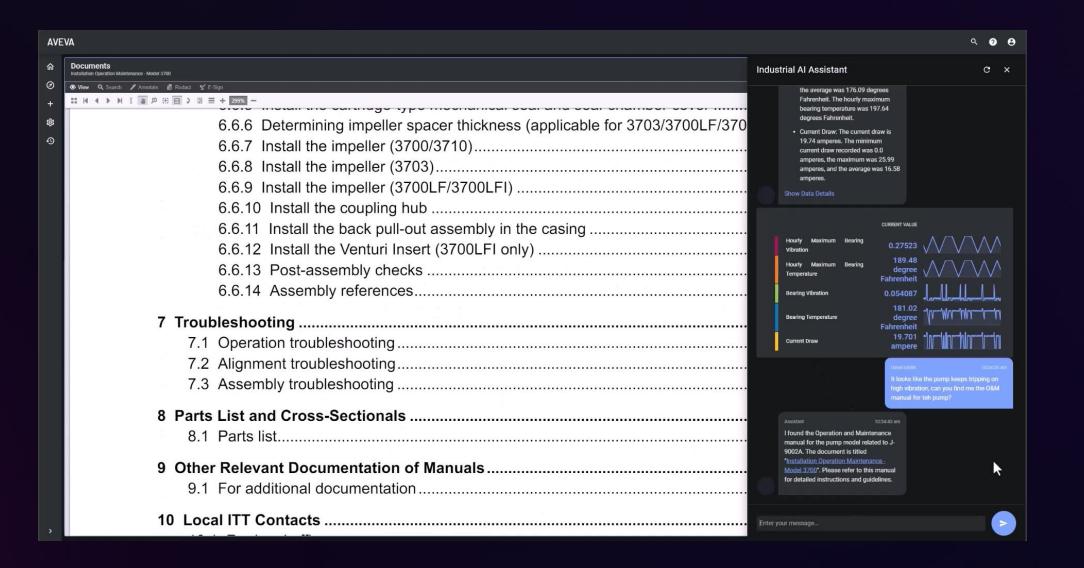
Al on Pl System data

Al on engineering data



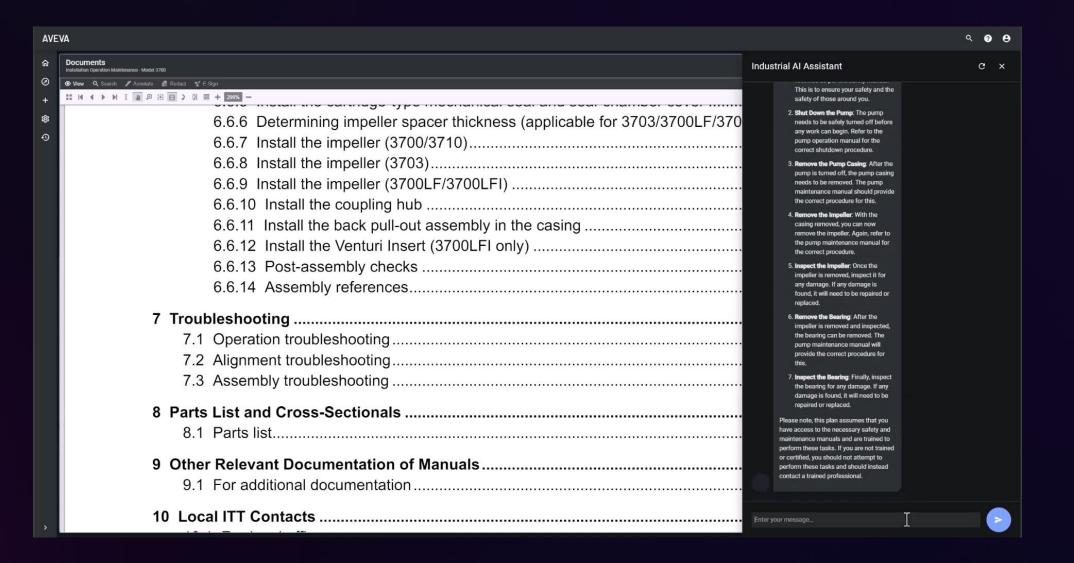
Al on engineering data

Al to summarize corrective steps



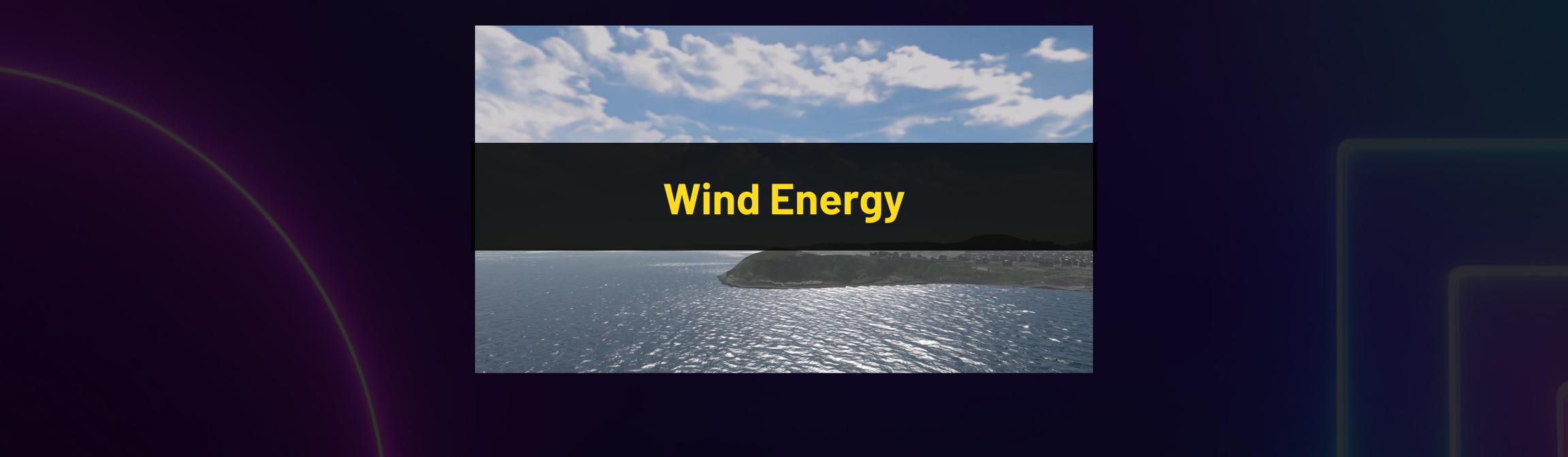
Al to summarize corrective steps

Planning the work order



Planning the work order

...Not only marine



UDDIUDGAdmin 🕝 🚱 🔘 🔞 🔘 AVEVA Unified Operations Center 205.0 (27%)

500ing Losses
336.0 (25%)

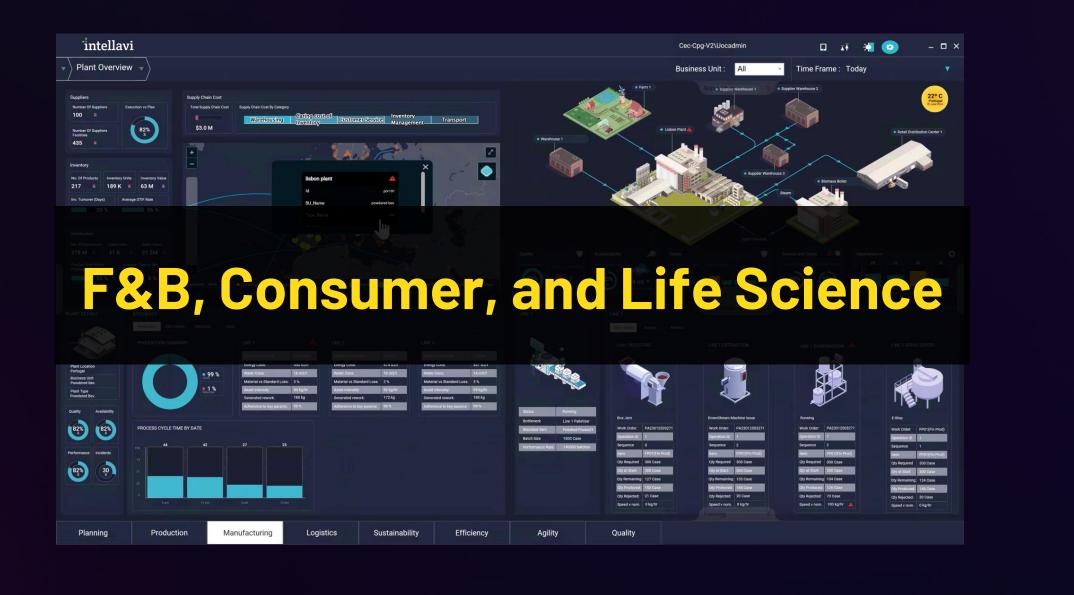
Conversion Losses
415.0 (23%)

Cher Losses
225.0 (17%) 80.0% OEM3 \$ 108 6 A 3 A 6 A 4 A OEM4 \$ 100 3 A 3 A 4 A 3 A Generation vs Demand & Irradiance 2 GWh 1 2 3 4 8 8 7 8 8 10 11 12 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec



UOC-Renewables/UOC/vdrrin 🕜 🌑 🌑 🕲 🔘 -AV≣VA Unified Operations Center Enterprise Project Cost Summary (EPP001) Engineering Man-Hours Summary Engineering Man-Hours Summary Engineering 2,000 Man-House Key Construction Quantities Summary 0 20 4 8 17 4 -1 289 -141k - 251.058 - 2625.137 8 61.910 290 - 827.852 Extremadura Project Progress (PRO-003) Spain Project Execution Highlights Type of projects Worker M. Billing Finished shift Activity Budget Cost Deviation

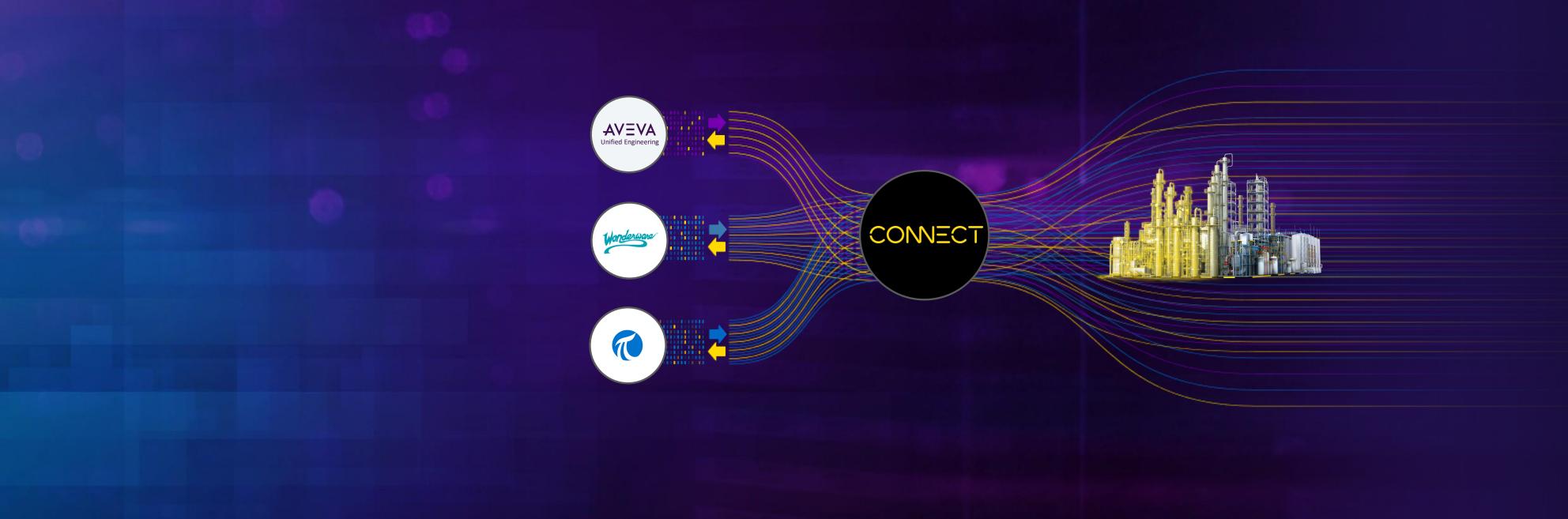
Codgs 97k 125% -274 93.00 Parent 95 Schedule Performance Schedule Performance Actual 83.00 Planted 95 94.00 Yes 92,00 Pland 95 93,00 93,00 Planned 95

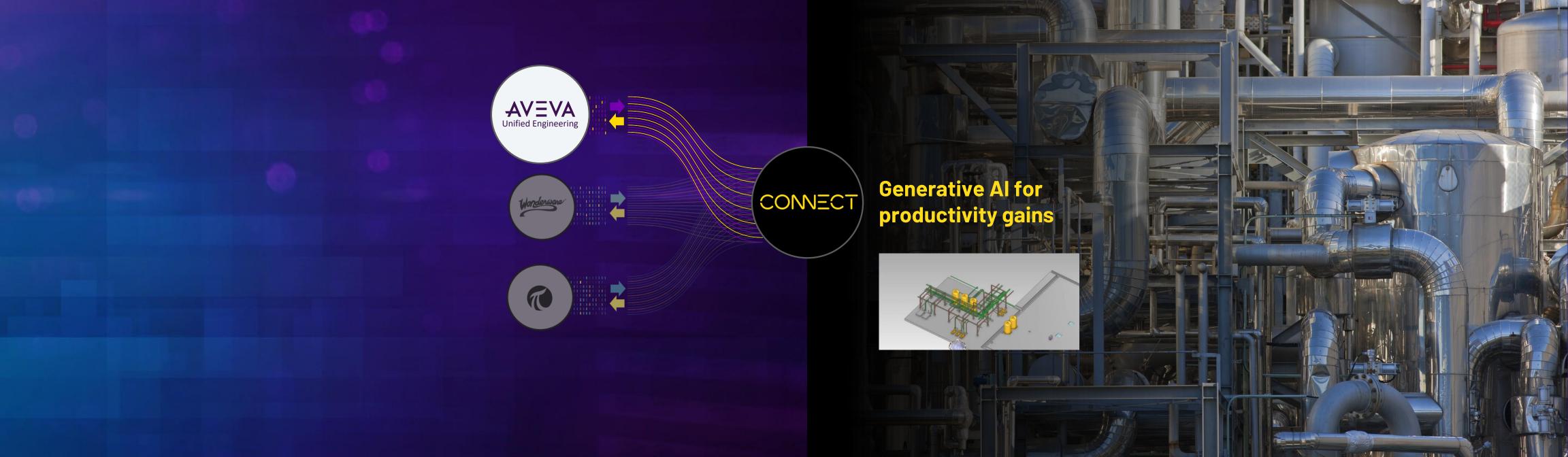




Across every industry we serve

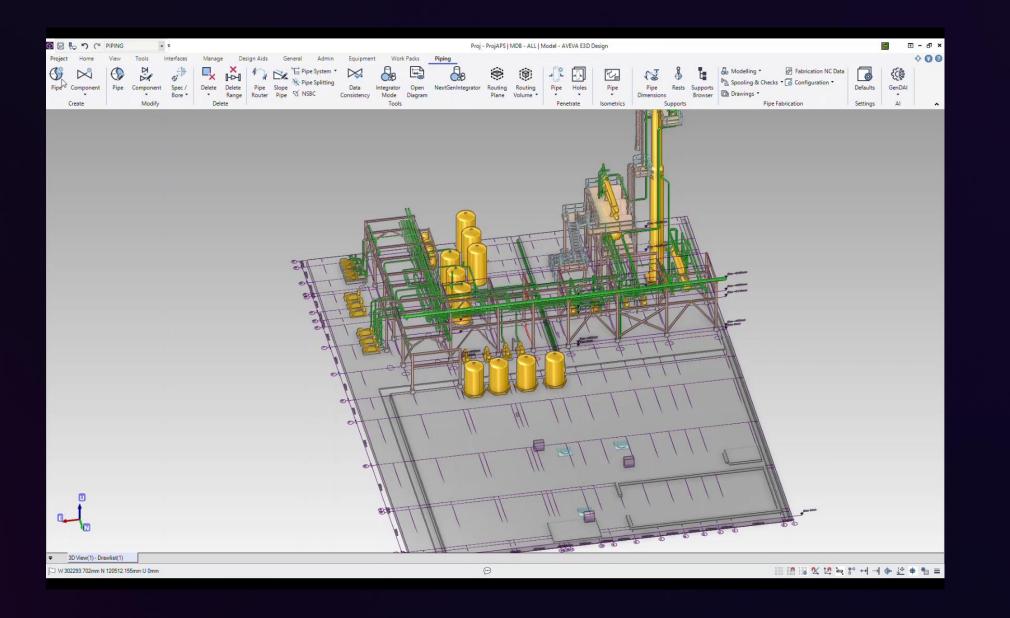






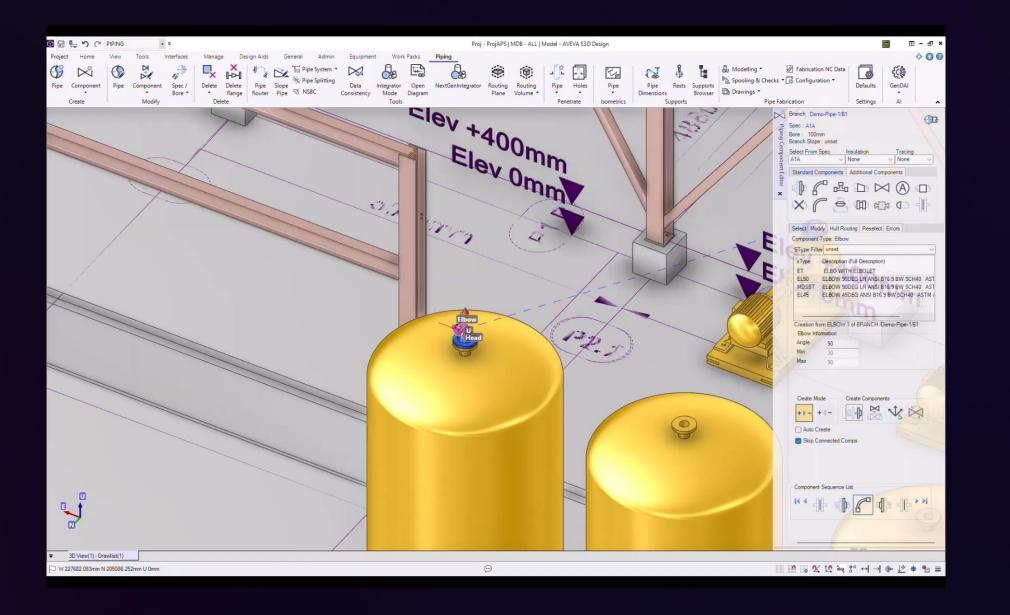
Traditional design process

Routing pipes
Critical but time
consuming



Routing pipes
Critical but time
consuming

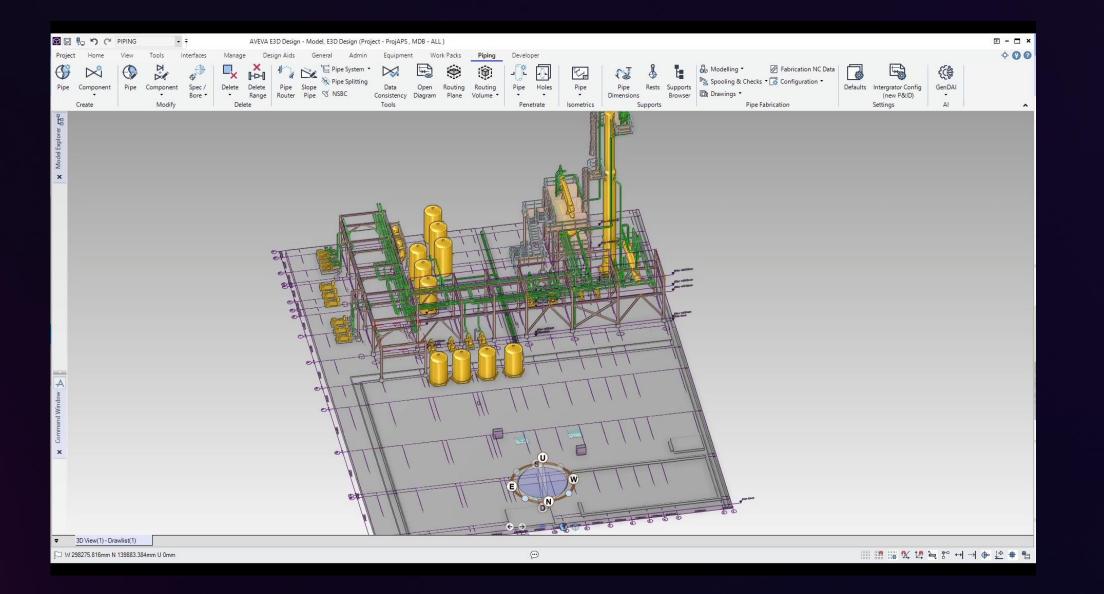
Routing pipes
Critical but time
consuming



Routing pipes
Critical but time
consuming

With AVEVA's generative Al

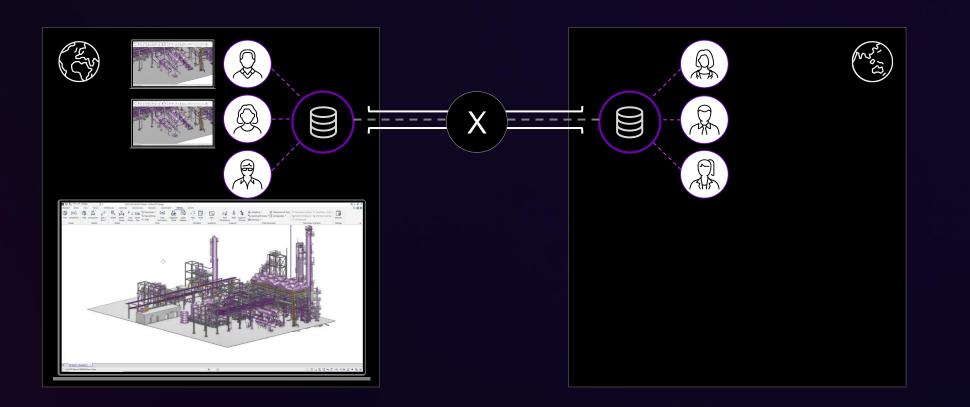
With AI 20x productivity 100% clash free



With Al 20x productivity 100% clash free

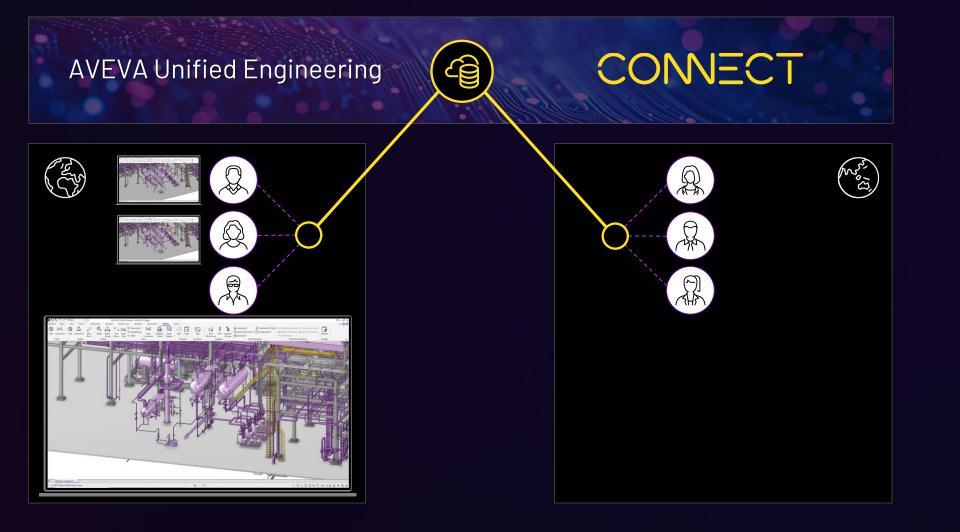


Reduce set-up time by 70%



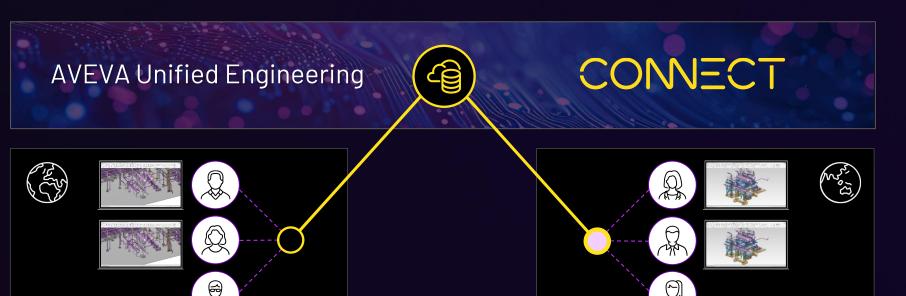
Reduce set-up time by 70%

15% less in total installed cost



15% less in total installed cost

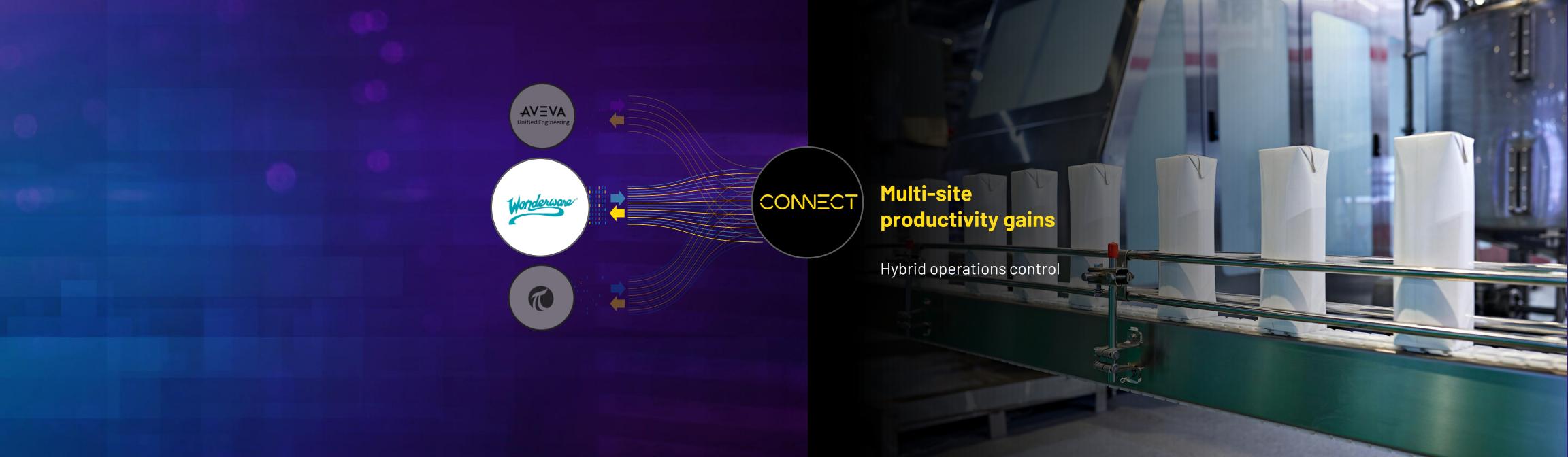
€10-€15M savings per project



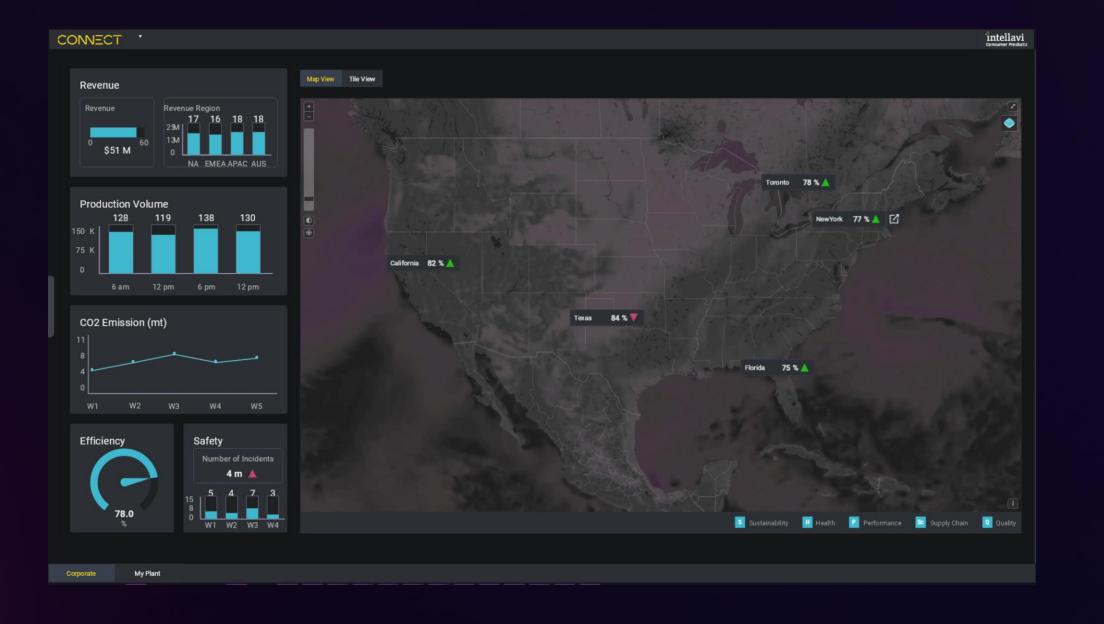
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€10-€15M savings per project





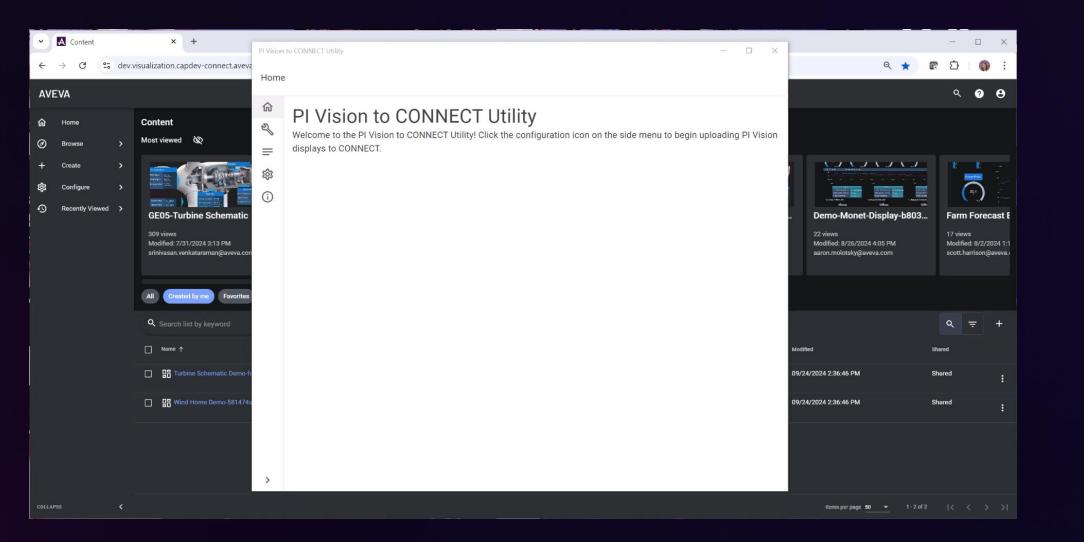
Improving quality with visibility & Al



Improving quality with visibility & Al



Collaborative visualization



Collaborative visualization

Bring analytics results back on-prem



1. Securely transmit data

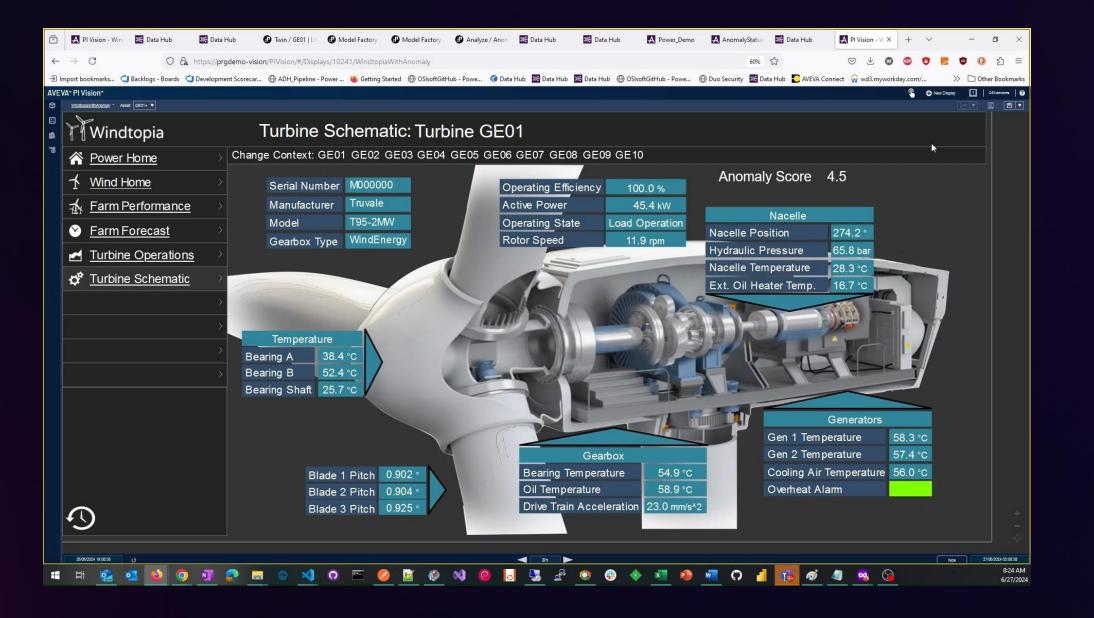


2. Aggregate & apply AI/ML techniques

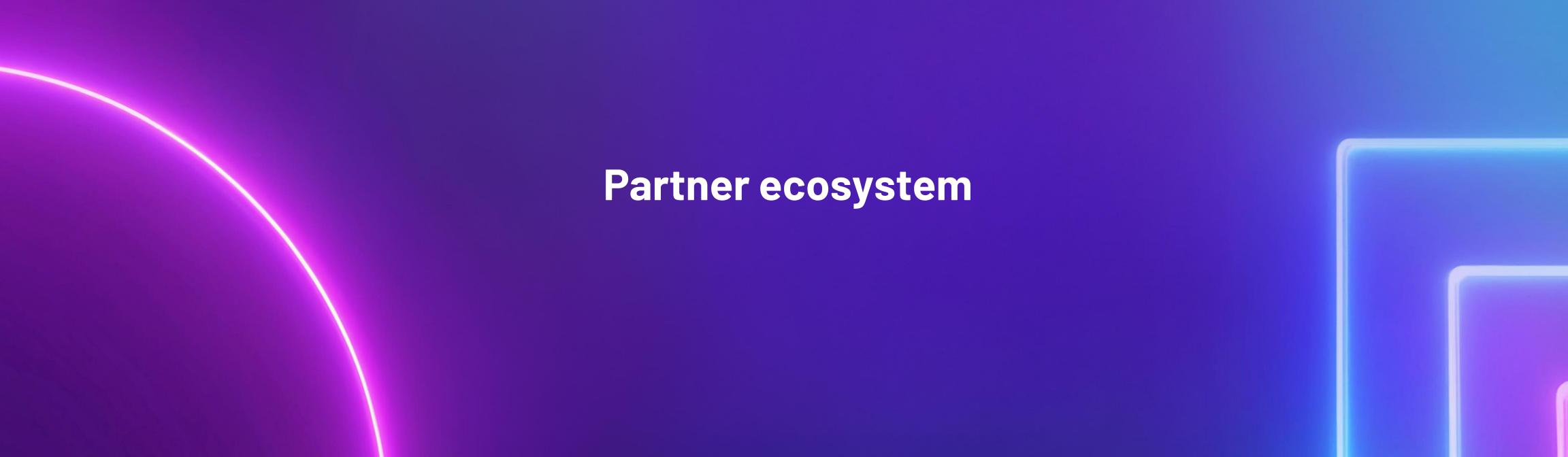


3. Write back allows PI Vision to expose CONNECT analytics

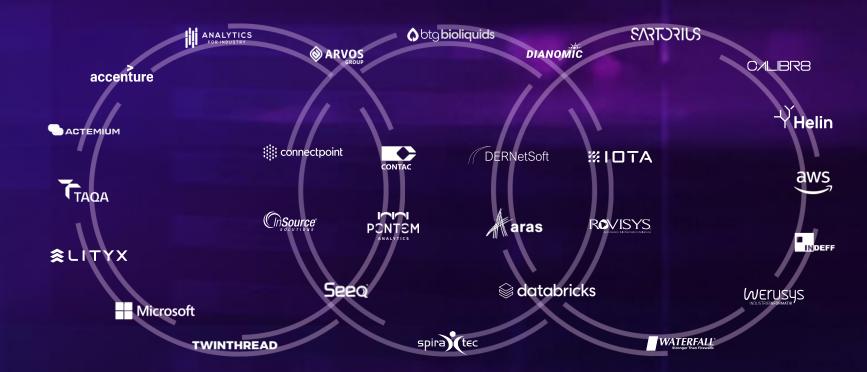
Advanced insights in familiar tools



Advanced insights in familiar tools



Accelerating innovation with a growing ecosystem

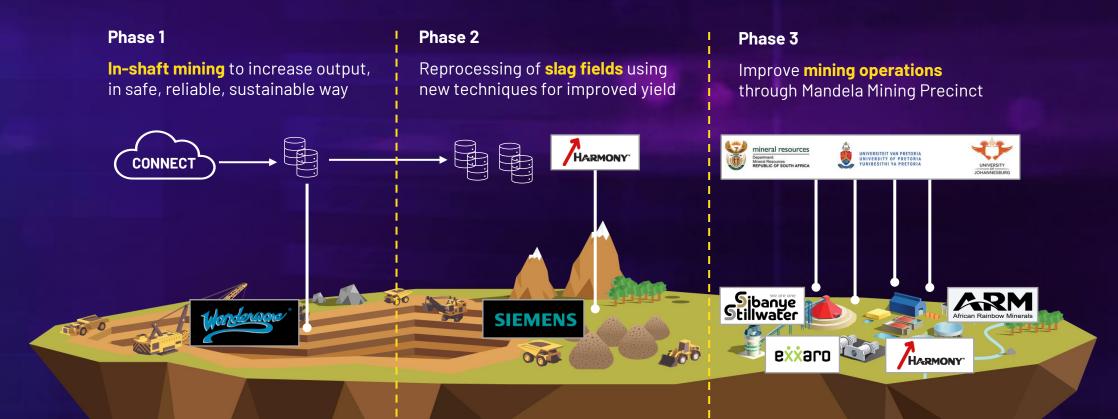






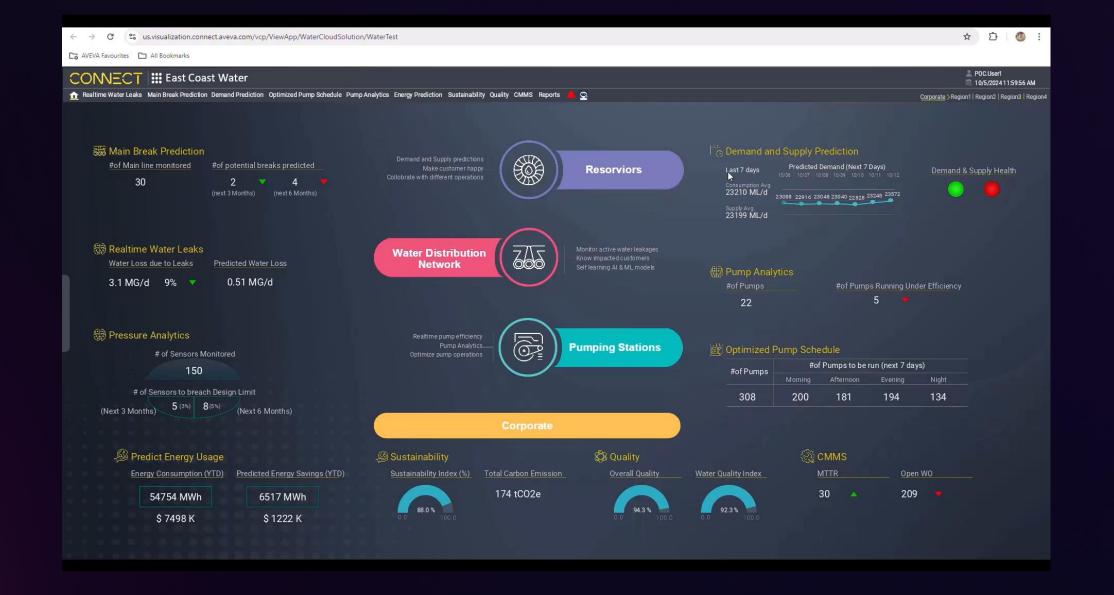
Secure data sharing and services

Increase yield and safety



Increase yield and safety

Domain solutions 80% reduction in deployment cost



Domain solutions 80% reduction in deployment cost

Enterprise integration: New value from OT-IT convergence





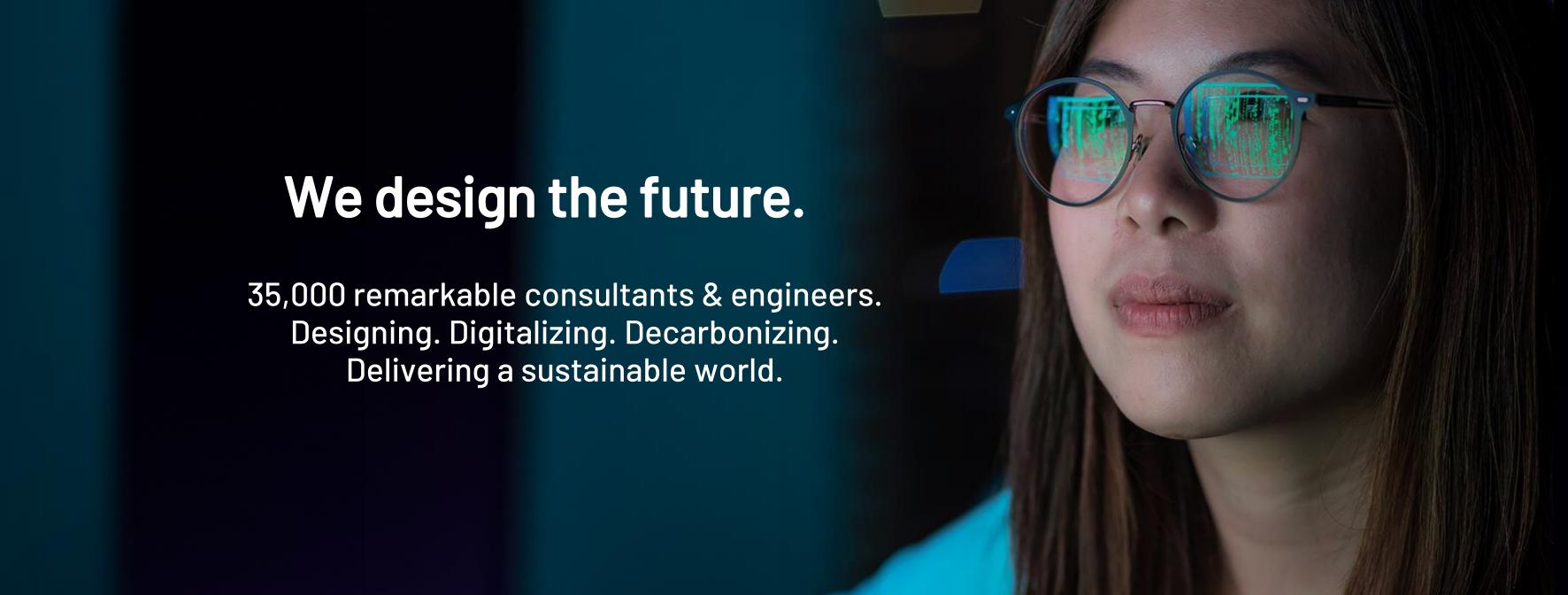




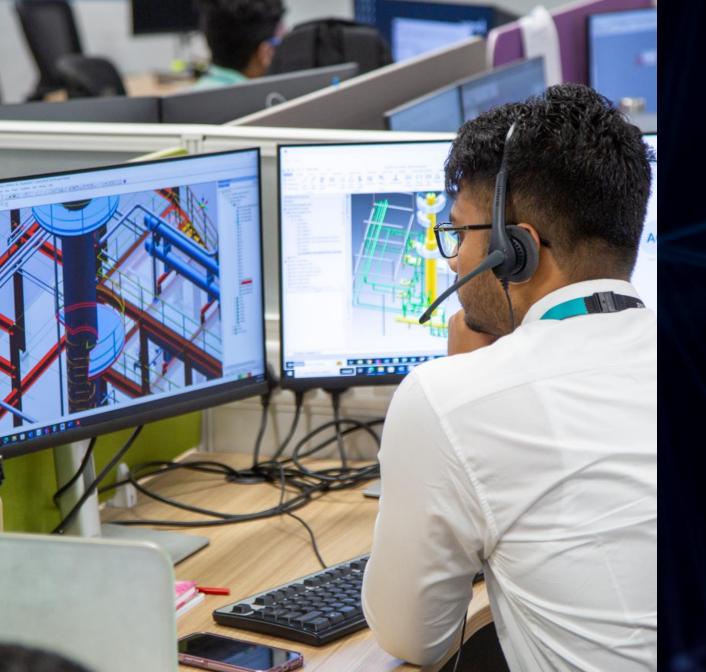
Driving industrial scale sustainability







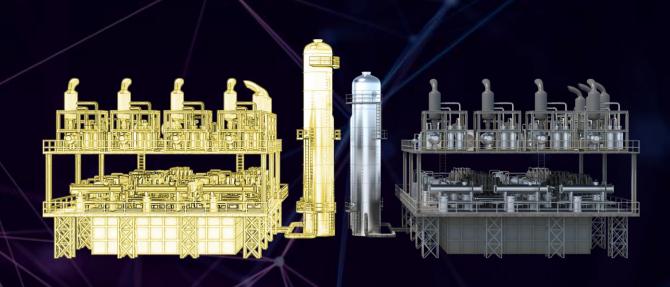




Realizing value

Mitigated design discrepancies worth \$1.1 B

23% cost reduction through increased efficiency and collaboration





Striving for the 3Ps to be all sustainable

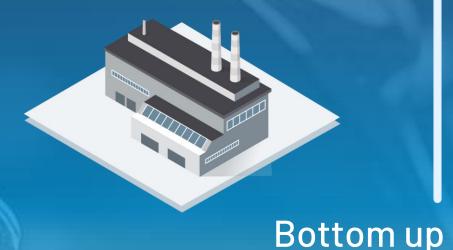




WE MANUFACTURE THE FUTURE

With TECH With CARE

To empower everyone to drive energy efficiency and net zero emissions



Citizen development approach

BOTTOM UP

66K users

50% value

High volume value creation

Process improvements

by empowered citizens

TOP DOWN

High impact transformation

50% value

Advanced large-scale digital improvements

Top down

Strategic deployment across sites



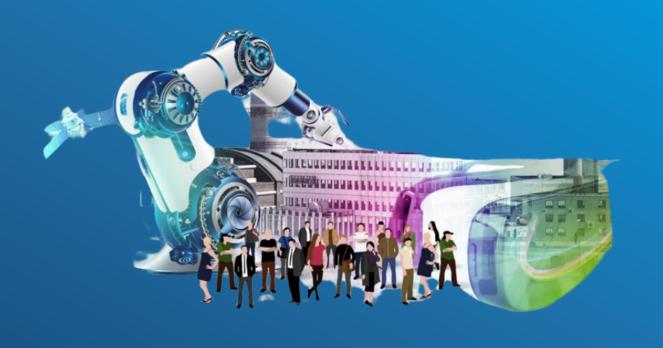




Ongoing empowerment journey

Expand Al adoption with citizen users and central Scale up the 3-level infrastructure: edge, cloud, confidential

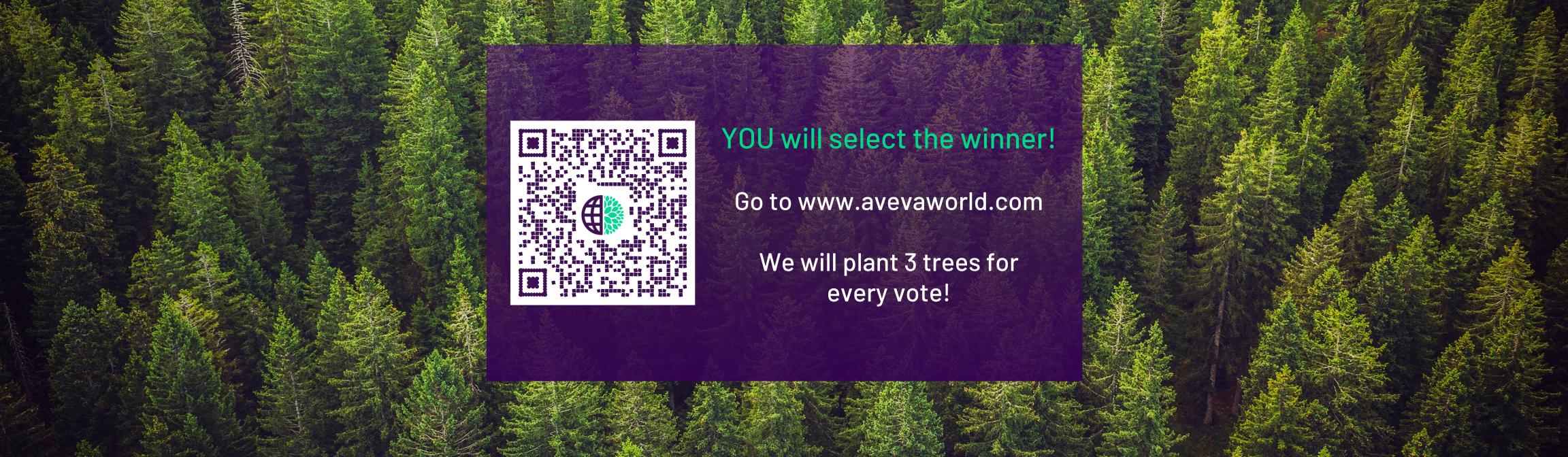
Deploy process automated improvement loop to reduce waste













AVEVA Sustainable Impact Award 2024

Vote for your winner



Together, we are designing and empowering the future

To generate industrial-scale

IMPACT

AVEVA Sustainable Impact
Award 2024

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AVEVAWORLD PARIS

Closing of General Session



Be back promptly at 4:30pm for your chance to win the Rockin' office giveaway



Includes:

Dual device charger

Digital notebook

Bluetooth speaker

Travel safe backpack