

# Asset Intelligence

Belinda Duncan

**ASSET INTELLIGENCE**

CPNA  
RANCHO CUBAMONGA PLANT

SENSEYE

AVEVA PI

AVEVA PI

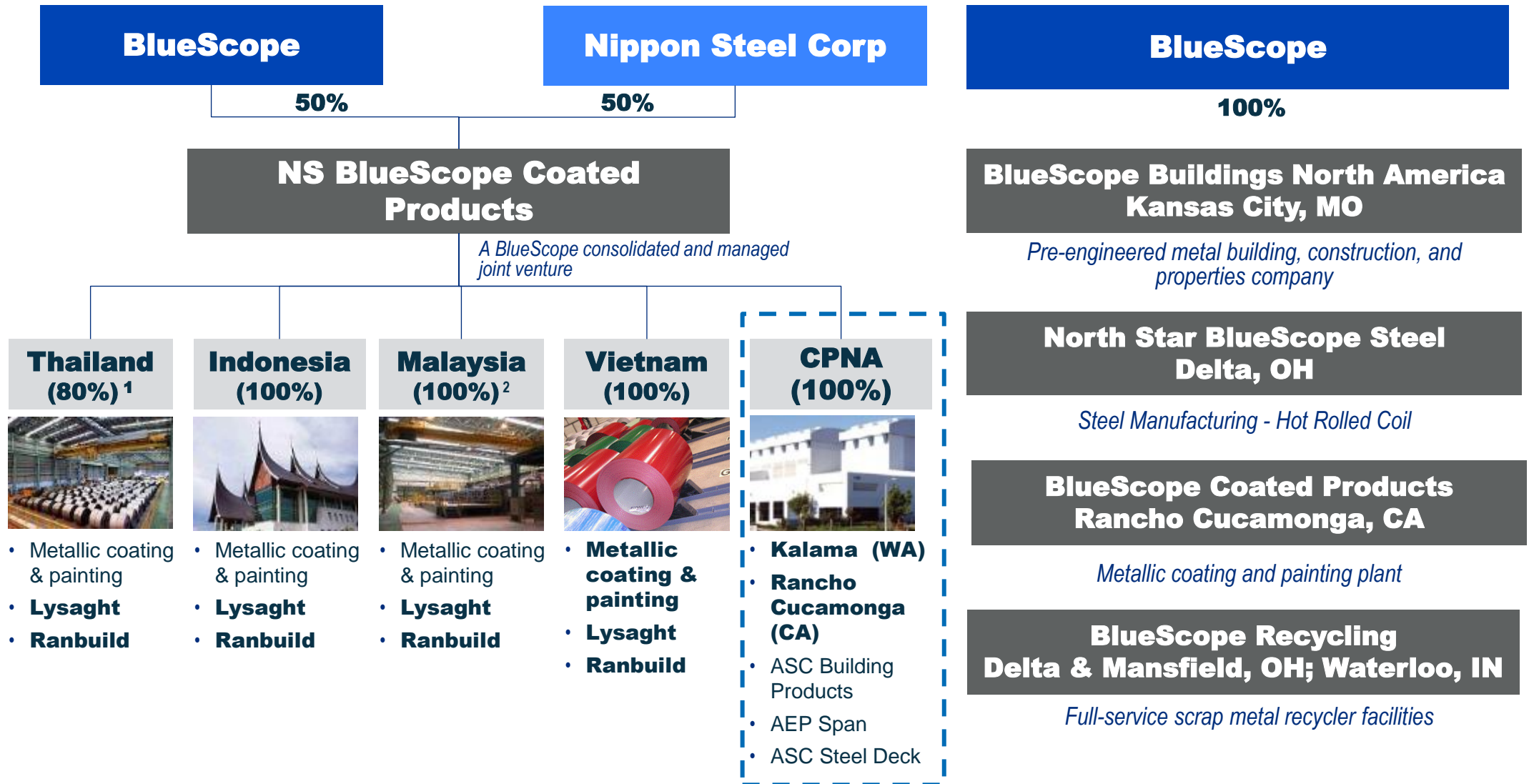
SENSEYE  
RANCHO CUBAMONGA PLANT

CPNA  
RANCHO CUBAMONGA PLANT  
CPNA AT  
RANCHO CUBAMONGA PLANT

**BLUESCOPE**



# NS BLUESCOPE + BLUESCOPE U.S. OPERATIONS



Notes:

- (1) 20% partner in Thailand is Loxley Public Company
- (2) Includes Singapore and Brunei. BlueScope Steel owns 100% of the steel coating business and 49% to 60% of rollforming (Lysaght) businesses in Malaysia and Brunei



# BLUESCOPE'S GROWING U.S. PRESENCE

**A diverse footprint and growing brand presence across the US flat steel value chain.**



● North Star  
 ● BlueScope Recycling  
 ■ BlueScope Coated Products  
 ● Steelscape  
 ● BBNA  
 ■ ASC Profiles

**Recycling & Steelmaking**



**Cold Rolling & Metallic Coating**



**Coil Painting**

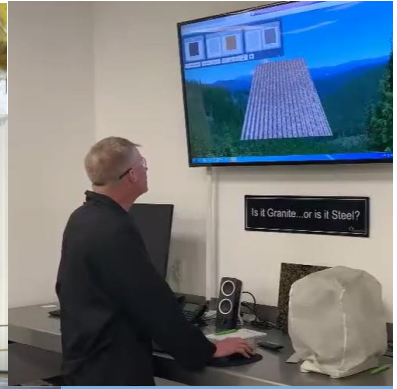


BlueScope Coated Products

**Buildings & Components**









# RaMNT Asset Intelligence

Project Manager: Belinda Duncan  
 Project Sponsor: Scott Cooley  
 Updated on: 10/15/2024

**G** On track vs. last gate's timing

**A** Delayed, but recoverable

**R** Not on track (timing, budget)



**SCOPE:** SCOPE: Incorporate Digital Technologies into our asset management process to leverage Prescriptive Maintenance for Rancho using AVEVA Pi Software

## TIMELINE/KEY MILESTONES

Key Milestone	Owner	Deadline	Status
41076 CEA Approval- Rancho Asset Intelligence (Phase 1 Foundational)	Ross Allen	08/23	Complete
AVEVA PI System Infrastructure and software Installation	Ross Allen	12/23	Complete
AVEVA PI System Training: (Data Flow Best Practices, Data Governance, Asset Framework)	Ross Allen	1/24 - 9/24	Complete
Mesh Equipment purchase	Ross Allen	07/24	Complete
Change management (Ops and Maint)	Belinda Duncan	01/25	On Track
CEA Approval- Rancho AI (Phase 2 System Build)	Belinda Duncan	01/25	On Track

## FINANCIALS

Data	Initial Estimate	Actual	Actual vs. Initial	Comments
FY24 Rancho Asset Intelligence (Phase 1 Foundational)	\$117K	\$71K	\$46K	Underspend due to AVEVA Services deferred to FY25
FY25 Rancho Asset Intelligence (Phase 2 Asset Framework Build)	\$140K			Annual License LoraWan and IOT devices
FY26 Rancho Asset Intelligence (Phase 3 Senseye and Obzevr)	\$250K			Annual Licensing.
Cost Savings - FY27				
30% reduction unplanned delay events. (>15% idle time)	\$418K			EBIT Uplift from increased production on the Ra CPL
14% reduction in reactive maintenance. Cost Avoidance	\$270K			Industrial Standards show Reduction in cost by 10% - 50%
2% reduction in Maint overtime	\$10K			Decrease in reactive Maint
<b>Total Investment = \$467K Total Cost Avoidance = \$698K</b>				

## RISKS/TRADEOFFS

Issue/Risk	Mitigation Plan	Owner	Deadline
Knowledge Loss Due to Limited Key Personnel	<ul style="list-style-type: none"> <li>Documentation of system architecture.</li> <li>Train and develop backup personnel to ensure continuity</li> </ul>	Belinda	<b>WIP</b>
Project Costs Not Fully Understood	<ul style="list-style-type: none"> <li>Ensure financials are fully understood.</li> <li>Communicate gaps.</li> </ul>	Belinda	<b>WIP</b>
End User Engagement Insufficient	<ul style="list-style-type: none"> <li>Training programs / SOPs.</li> <li>Identify pain points to address.</li> <li>Session's w/ Managers</li> </ul>	Belinda	<b>WIP</b>

## NEXT STEPS:

Action	Owner	Deadline
AVEVA PI System Training Visualization training (Oct 24-25)	Belinda	12/31/2024
Weekly Meetings	Belinda	12/31/2024
Build out Asset Framework in Pi System Explore	Belinda	FY25
Change management Plan (Ops and Maint)	Belinda	FY25
Implement Senseye and Obzevr	Belinda	FY26