



Sustainable Mining – The Mine We Want to See

Presented to: SMA - Environmental Forum

Presented by: Robyn Pollock

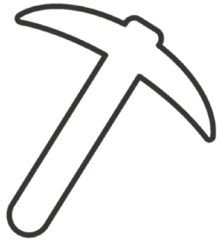
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The business of sustainability



Perception



It's no secret that the mining industry struggles to win popularity contests



The market capitalization for Apple, is greater than the top 25 mining companies combined.

Perception



Is there a promising future for minerals & metals?

The Drivers

Increasing Demand

*Population Growth
Urbanization
Growth of the middle class*

The Disruptors

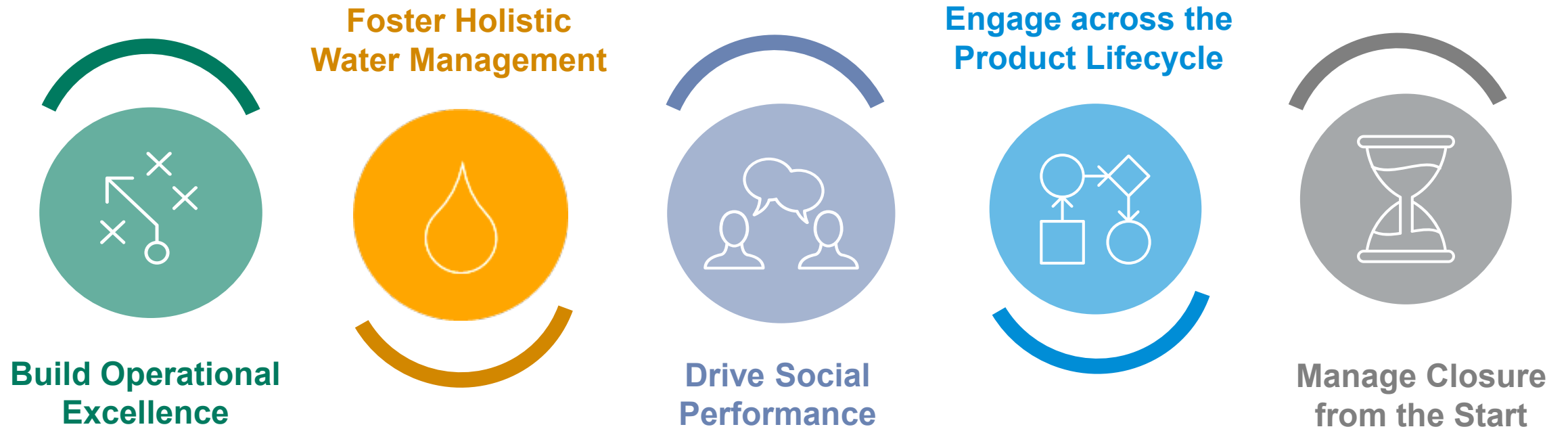
Threats to Demand

*Sustainability Differentiation
Metal Substitutes
Circular Economy*

*Risk to
Growth*



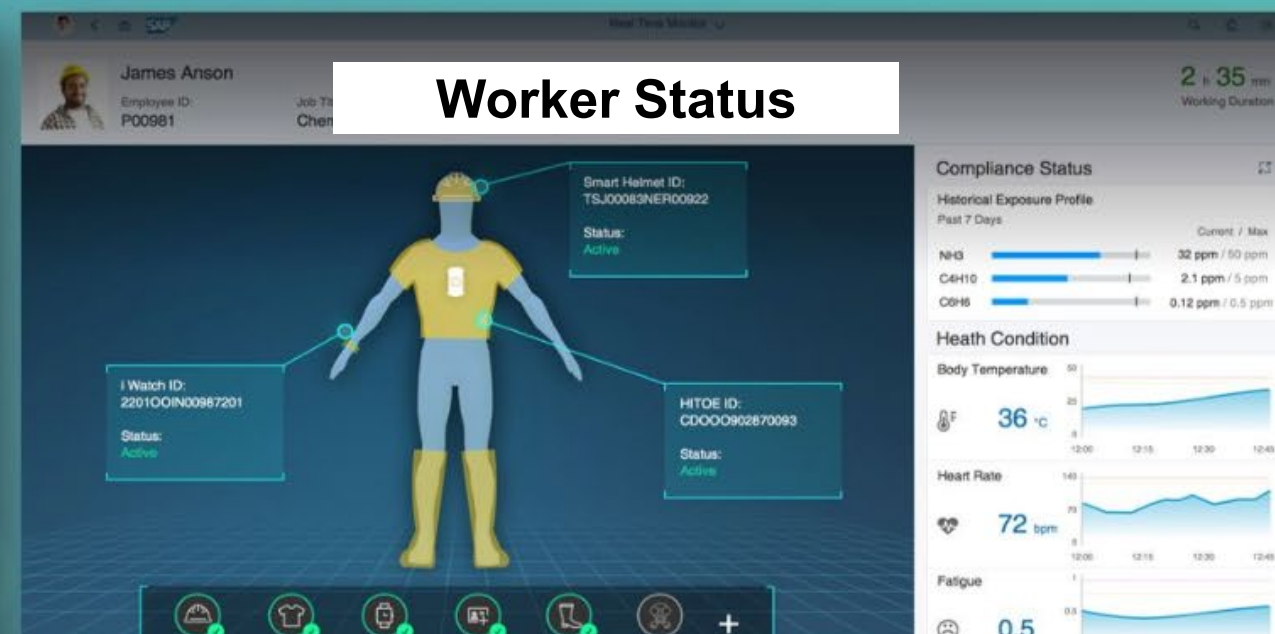
Sustainable Differentiation via “Mine We Want to See”



Plant Overview

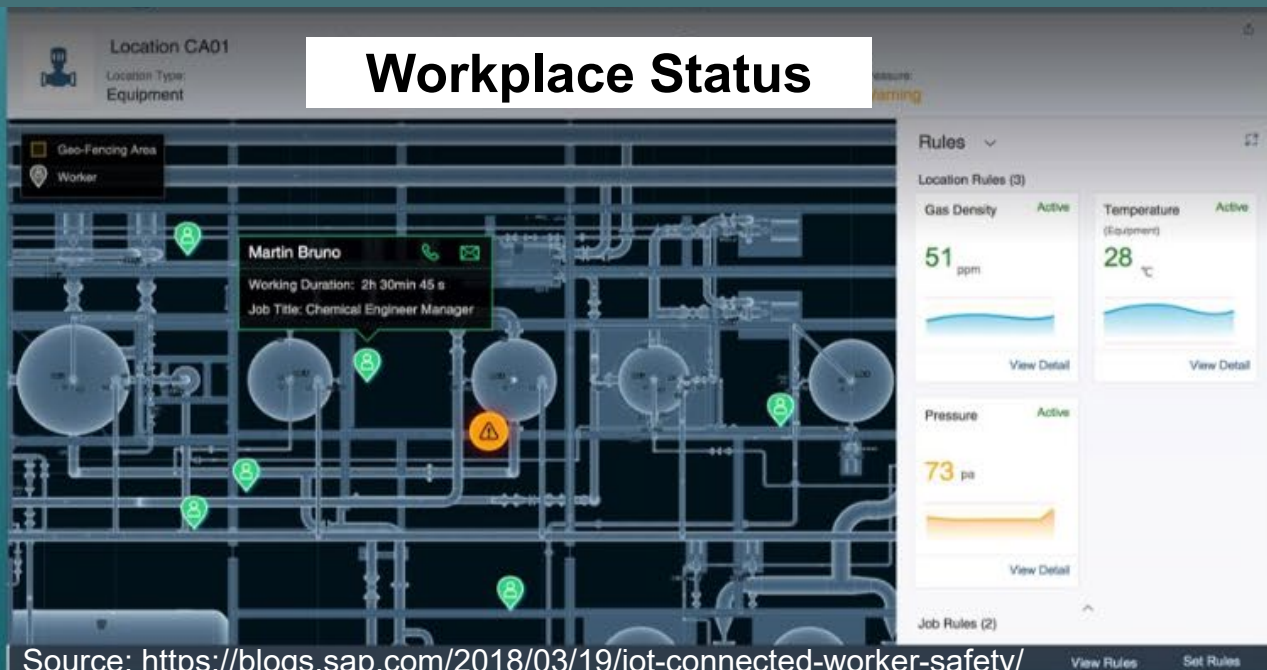


Worker Status

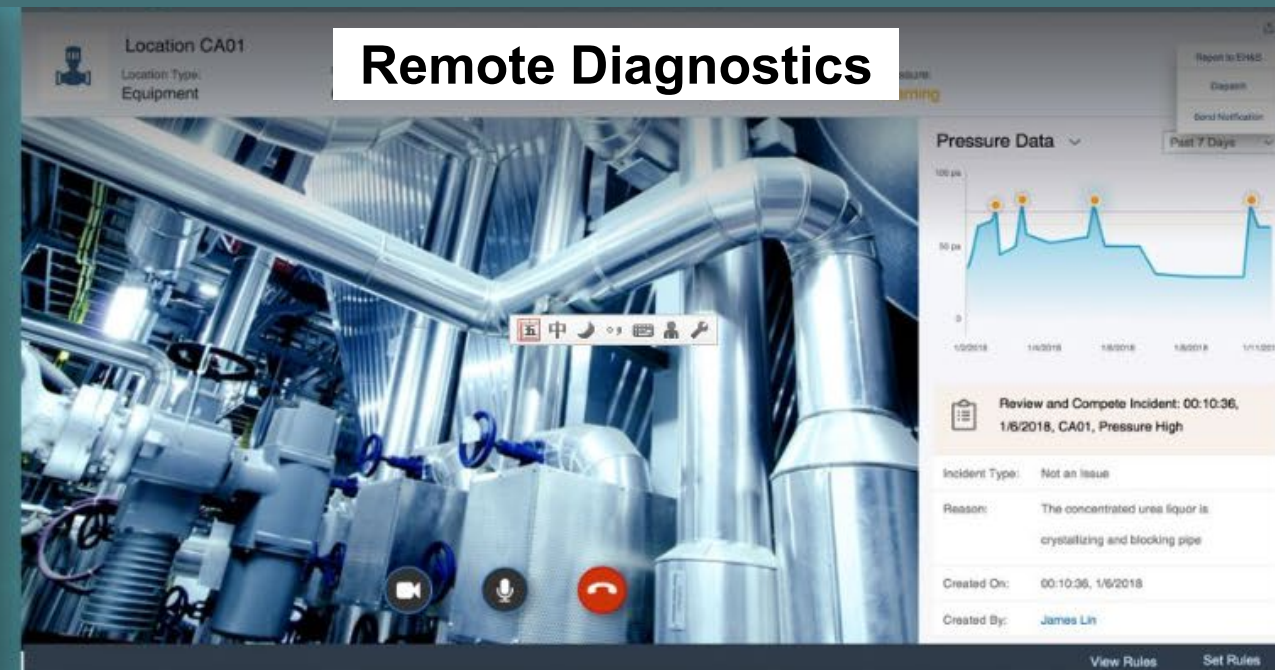


Leveraging Data & Technology

Workplace Status



Remote Diagnostics



Holistic Water Management

ICMM Water Framework

**Be transparent and
accountable**

**Engage pro-actively and
inclusively**

**Adopt a catchment-based
approach**

**Effective water resource
management**



A New Narrative for Reconciliation

Stewardship

From extraction to use and re-use

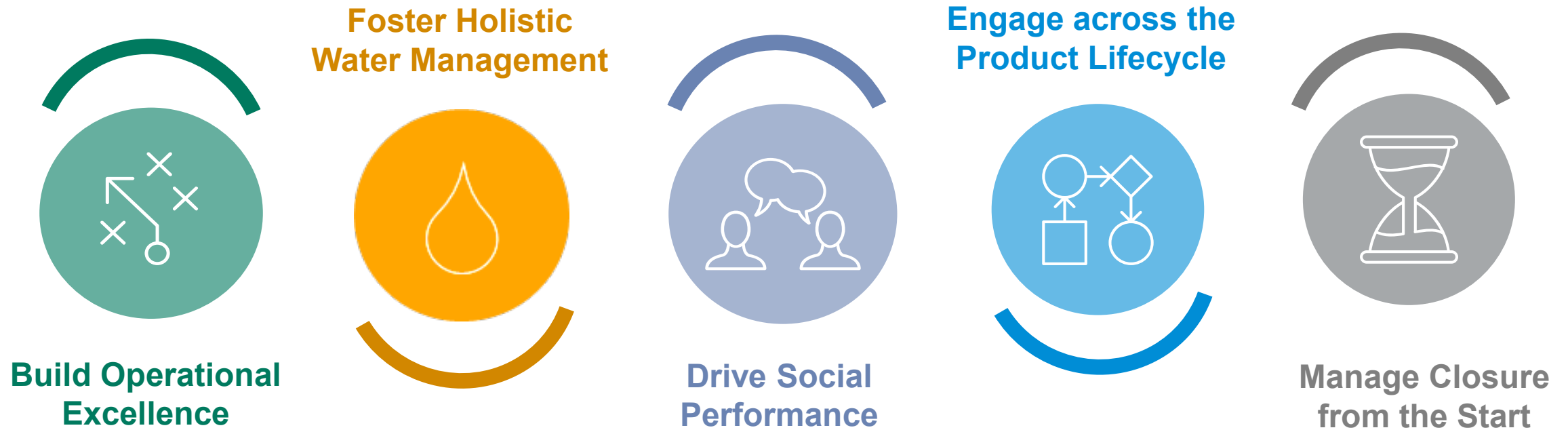


Closure

*SunMine supported by Teck and built
on the fully reclaimed Sullivan Mine site*



Sustainable Differentiation via “Mine We Want to See”



Is there a promising future for minerals & metals?

The Drivers Increasing Demand


*Population Growth
Urbanization
Growth of the middle class*

The Disruptors Threats to Demand


*Sustainability Differentiation
Metal Substitutes
Circular Economy*

*Competitive
Advantage*

Perception



How else are companies responding, and hopefully adapting to these and other disruptors?



What do we need to do as an industry to influence these areas and build them into our business plans?



Thank you

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