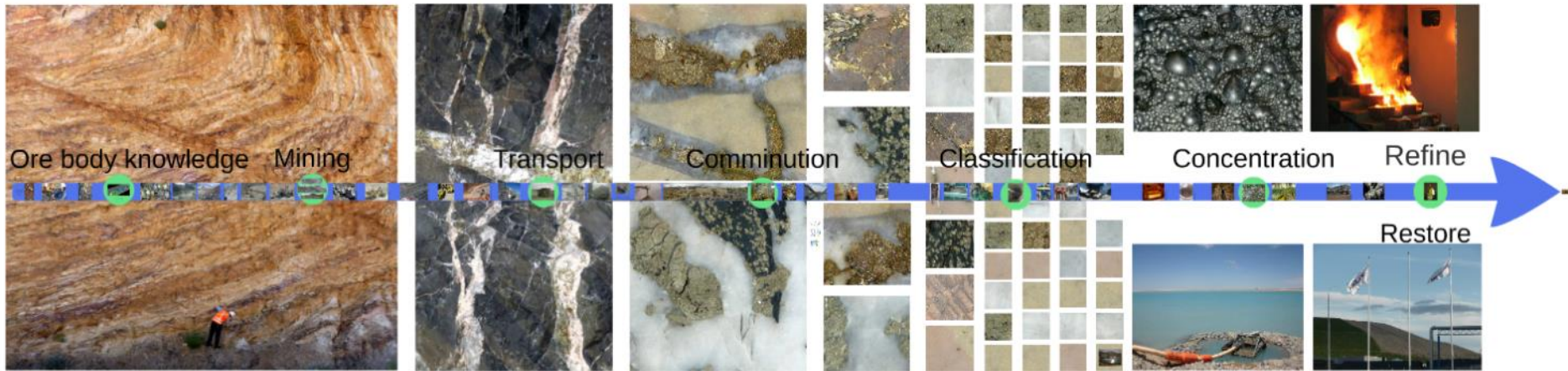




Optimising Resource extraction in the mining industry Integrated Process knowledge

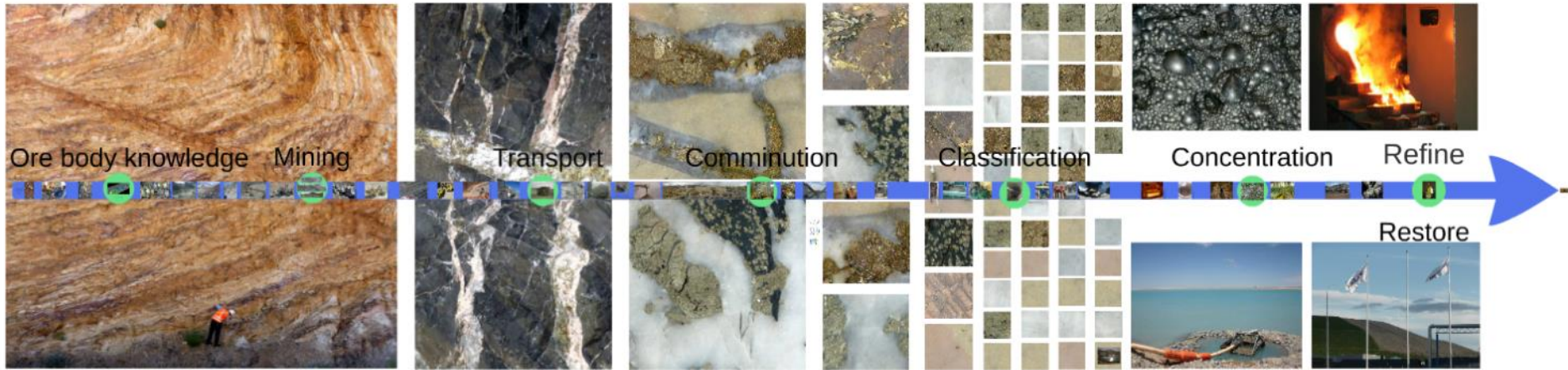


The Rock (ore) + Equipment = performance prediction + circuit = process prediction

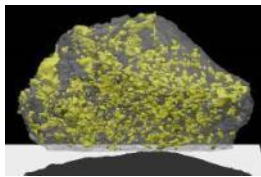
- Creating a common technical language to link the entire process chain based on the primary rock properties
- All other responses are calculated based on the limited number of primary properties



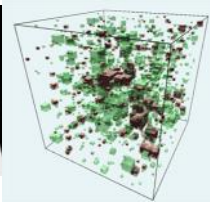
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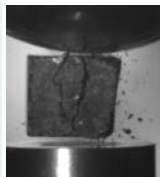
The Rock (ore) + Equipment = performance prediction + circuit = process prediction



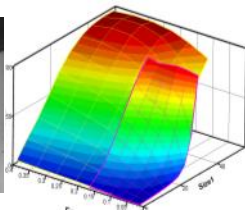
Measure what is inside



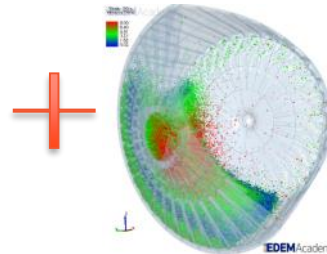
Model the structure



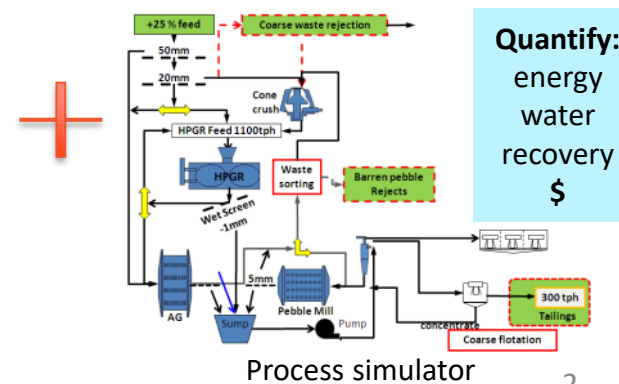
Measure physical properties



Model processing properties

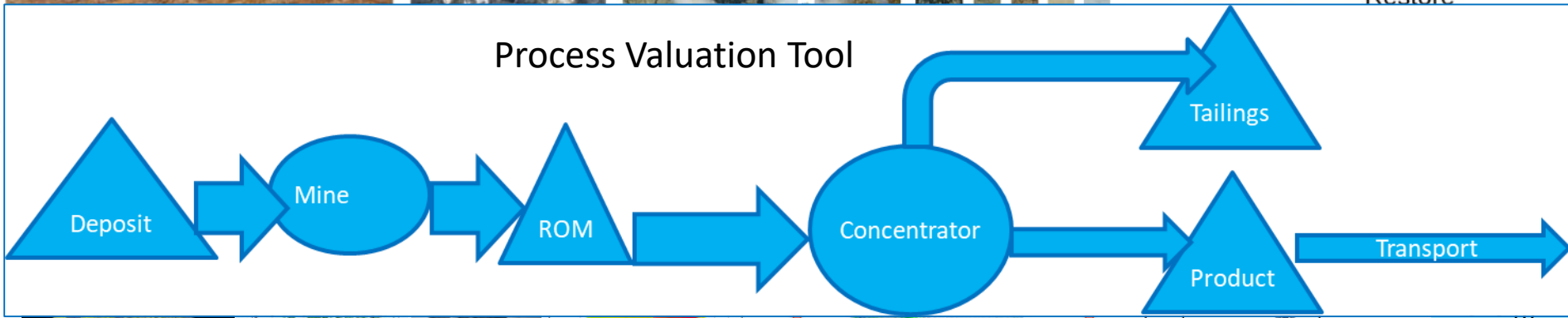
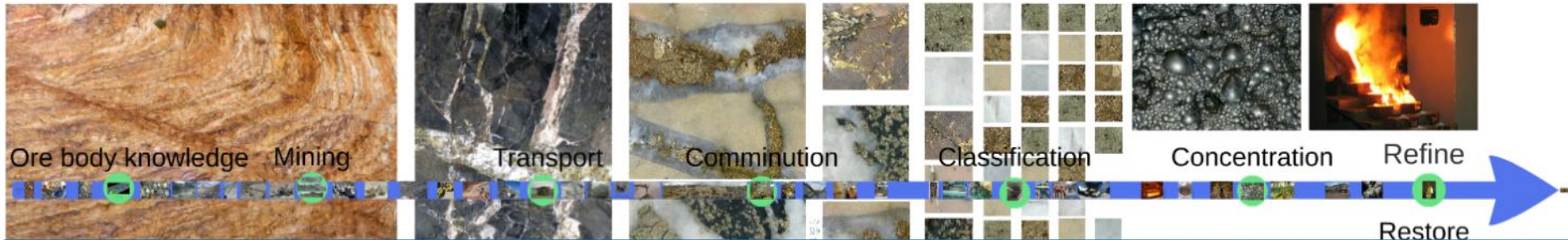


Mechanisms inside equipment



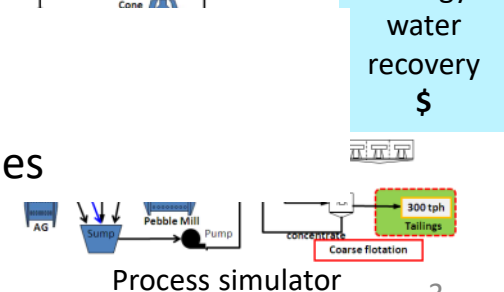


Optimising Resource extraction in the mining industry Integrated Process knowledge



Overlay a constraints-based valuation system
Based on the variability of the sub-processes
to convert technical outcomes to business outcomes

Mea
inside structure physical properties processing properties inside equipment



water recovery
\$