

The Power of Data to Drive Sustainability

Presented by **Andrew Fanara**, OSIsoft



Why Sustainability is an Emerging Megatrend*

- Launched by dramatic shifts in the marketplace which result in a general shift in thinking affecting entire countries, industries and organizations
- An inescapable strategic imperative that forces fundamental and persistent shifts in how companies think and compete
- Sustainability nears tipping point**

^{*} The Sustainability Imperative, Harvard Business Review, May 2010, David Lubin, Dan Esty

^{**} MIT Sloan Management Review, Winter 2012, Vol.53 No. 2



The PI System





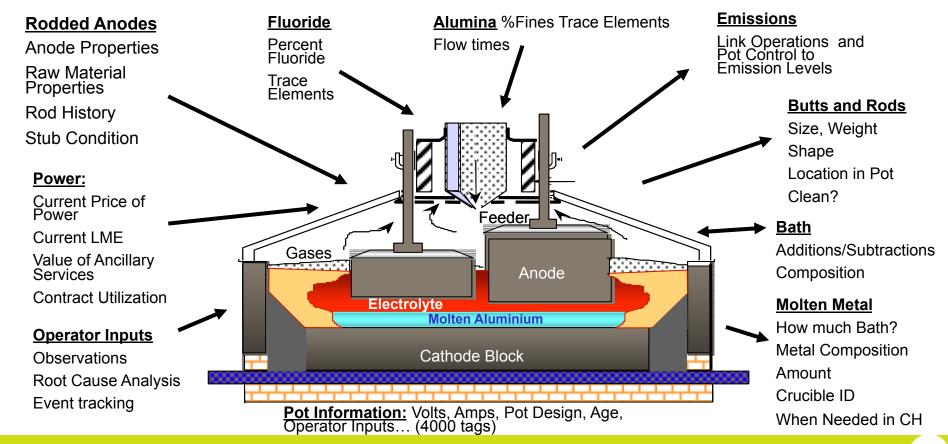








Potroom Visibility with SMART

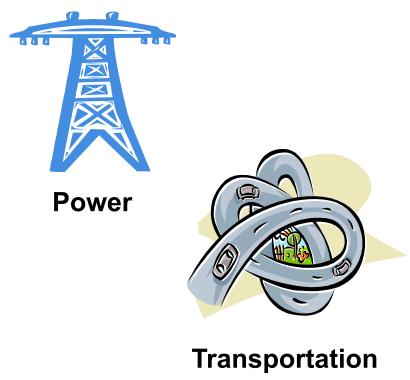


The Granularity of Real-time Data

10 Minute Averages = Missed Events



The PI System – A Streaming Data & Events Infrastructure



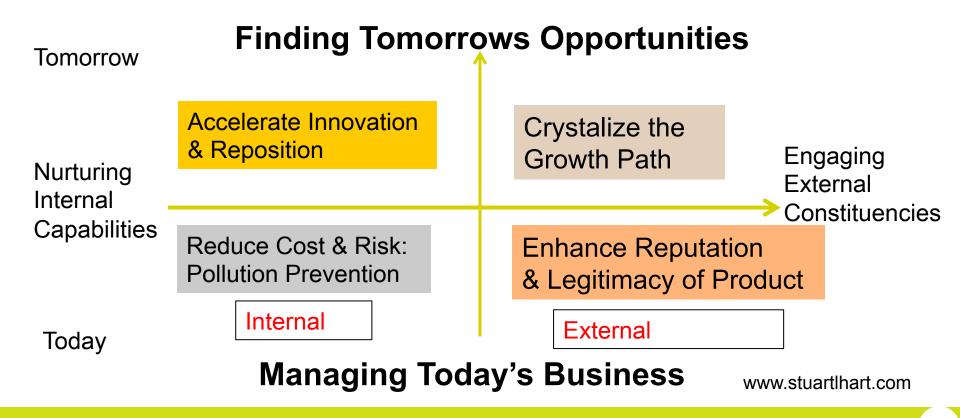


Communication



Water

A Streaming Data & Events Infrastructure to Support a Multifaceted Sustainability Value Framework





THANK

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