Define (vertical tab, left)

Measure/Descriptive Analysis (vertical tab, left)

Predictive Analysis (vertical tab, left)

Background:
{Insight how the current context developed, and existing trajectories. Clear and tangible depictions, leveraging effective visual depictions of critical processes and outcomes are particularly valuable here}

Problem:
{Insight how the problem is perceived, including what performance improvements are desired; providing input into candidate **Objectives** for further consideration. Such Objectives are distinct from, but a step towards prescriptive goals.}
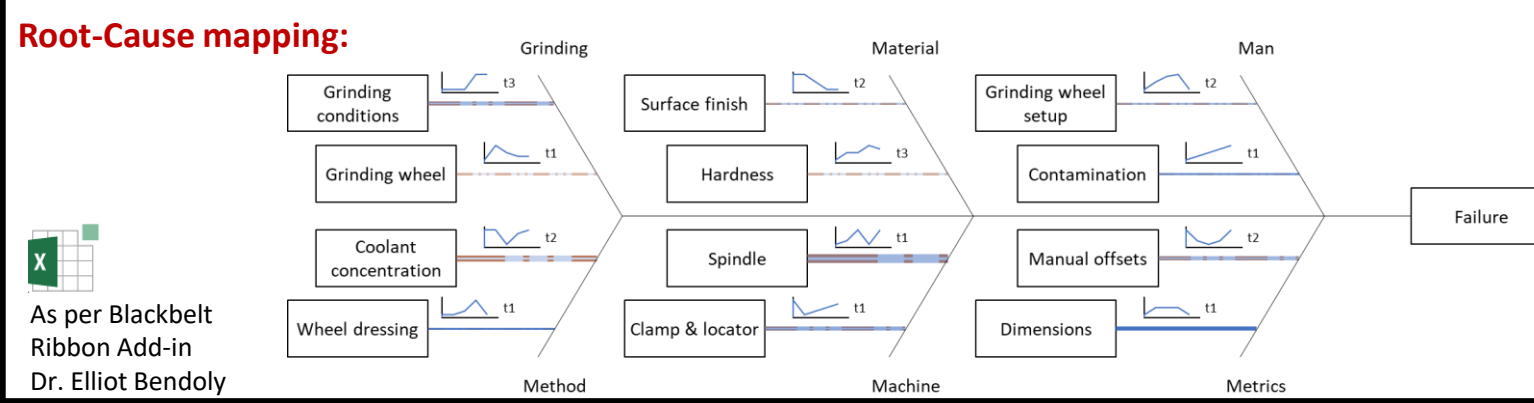
Candidate Objectives	Current State Outcomes	Fundamental Bounds	Priority	Candidate Objectives	Current State Outcomes	Fundamental Bounds	Priority

Current State Details:
{Insight into nature of about bounds, priorities, and any inter-relatedness/feedback among above. This should inform descriptive measures of candidate **Utilities** / levers.}

Candidate Utilities / Levers	Current State Levels	Fundamental Bounds	Relative Impact	Candidate Utilities / Levers	Current State Levels	Fundamental Bounds	Relative Impact

Relational Connections:
{Insight into the impact that candidate Utilities / Levers, have on the Priority 1 (focal) Objective; I.e. **Connections**. This should include descriptions of any non-linearities, uncertainty, effect lags and possible O-I feedback}

Root-Cause mapping:

As per Blackbelt Ribbon Add-in Dr. Elliot Bendoly

Prescriptive Analysis (vertical tab, right)

Improve (vertical tab, right)

Control (vertical tab, right)

Candidate Connections	Definition / Utilities involved	Current State Slack	Candidate Connections	Definition / Utilities involved	Current State Slack

Manifested System Dynamics :
{**Manifest** a depiction of any nuanced interdependencies not yet captured, with emphasis on any critical levels of risk / uncertainty of impact, constraints, lags and feedback. Combined-issue constraints (e.g. fixed pie, critical ratios, etc.) often point to I-I and feedback mechanisms. Causal Loop Diagrams should be presented if I-I or O-I feedback mechanisms are critical}
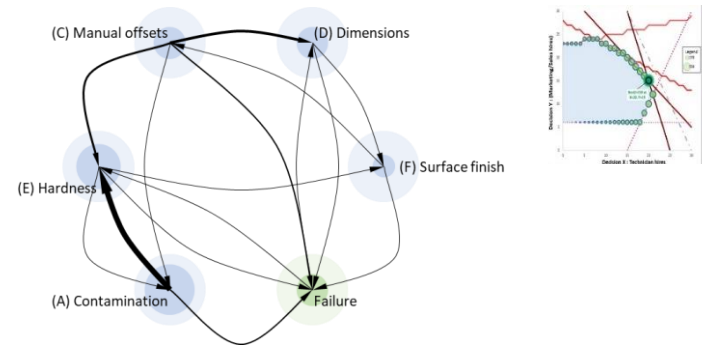
Explicated Decisions / Actions / Countermeasures:
{Where possible, validate analytically (**Explicate**) optimal levels of key and leverageable Utility factors, outlined earlier; or specific countermeasure plans deemed relevant to shifting the system towards an improved state. Projected level of Priority 1 Objective upon ideal implementation of these}

Goal:
{A reiteration of where the Priority 1 Objective can rationally be taken. Description of timing, and short- vs. long-term expectations on the approach of that Goal in terms of changing operational conditions and possible non-linear returns to effort}

Future State:
{Expectations regarding the post-implementation state should go beyond just the approach towards the Priority 1 Goal. Tradeoffs expected with regards to other candidate Objectives should be outlined, as well as shifts in process bottlenecks and possible unintended consequences suggested by inherent risk to proposed changes. Any anticipated next stage target Objectives, possibly part of the lower Priority set outlined here, can also be detailed; This is a key opportunity to **Scrutinize** the prescription posed, and can point to a return to some earlier assumptions }

Sustain / Requirements for Control:
{Once implemented, how will improvements be measured, and how will checks to the maintenance of these acquired gains be put in place? What safeguards supporting further continuous improvement will be implemented?}

Excellence Principle: {what mantra summarizes the prescription, goal and control plan?}