

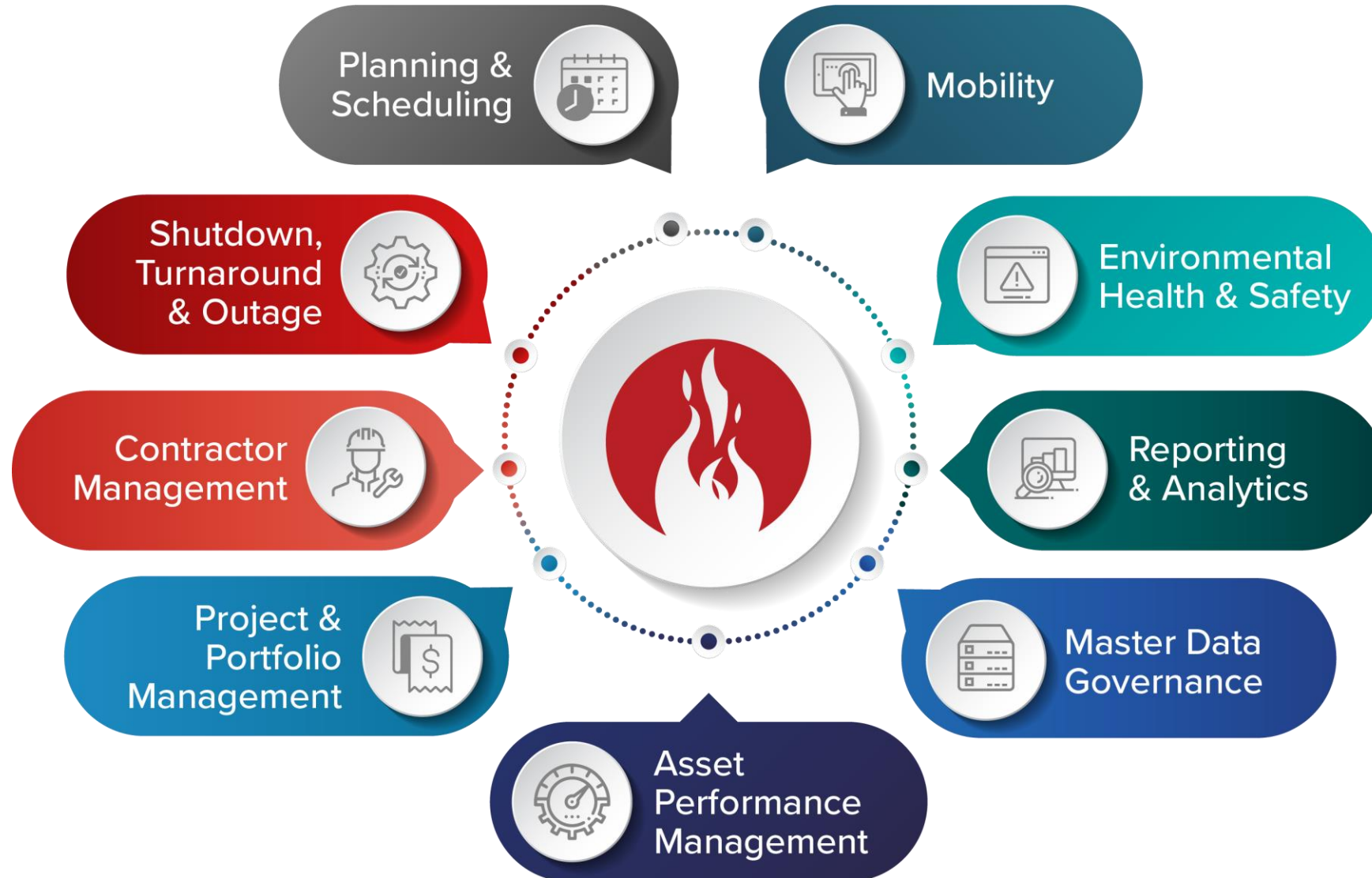
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**Asset Management KPIs and
Reporting**

Agenda

- Closed Loop
- Highlevel
- How many KPIs
- Types of KPI
- Platform Approach
- Setting Accountability
- Example

The Prometheus Platform



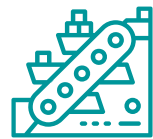
Prometheus Group

- Founded in 1998
- Headquartered in Raleigh, NC, USA
- 13 global offices
- Integrated and intuitive software
- Partnerships with industry leading companies



TOP 8

Oil & Gas



TOP 7

Mining & Metals



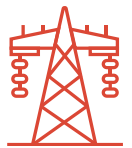
TOP 7

Pulp & Paper



TOP 6

Chemical



TOP 6

Utilities

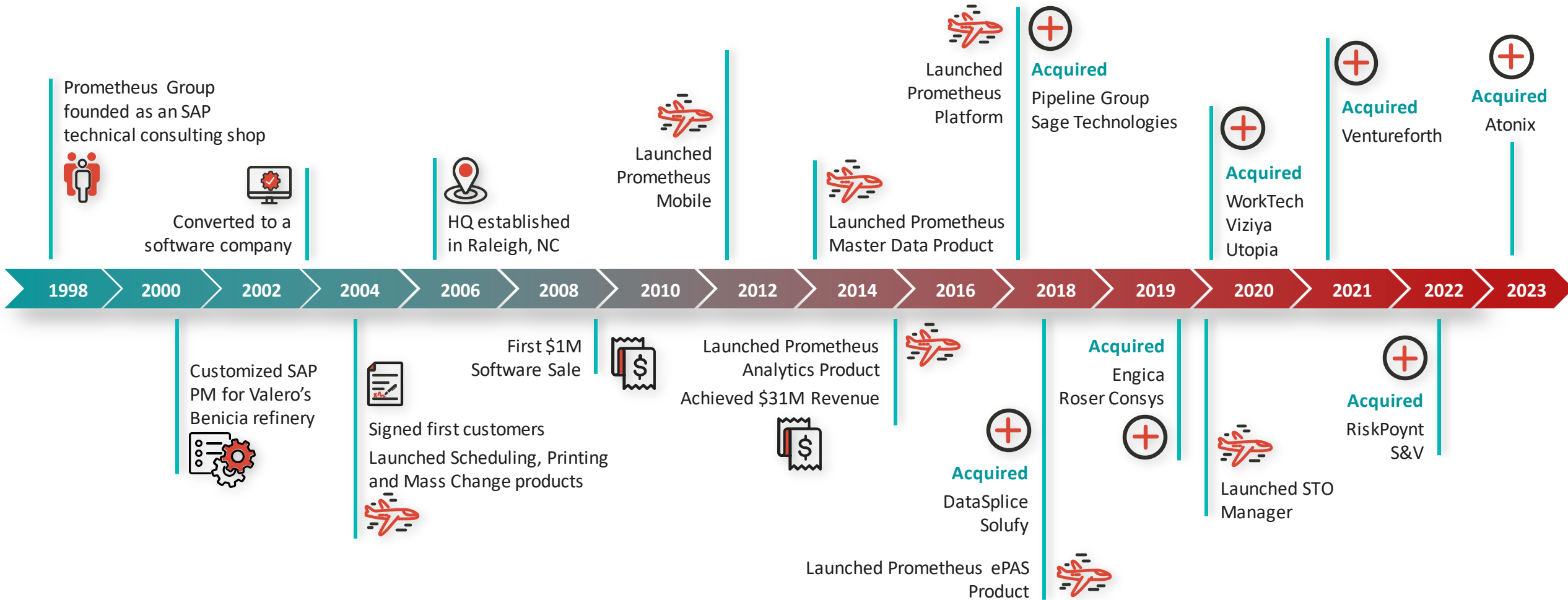
SAP[®] Certified
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The Prometheus Journey





KPIs

“ KPI Key Performance Indicator ”

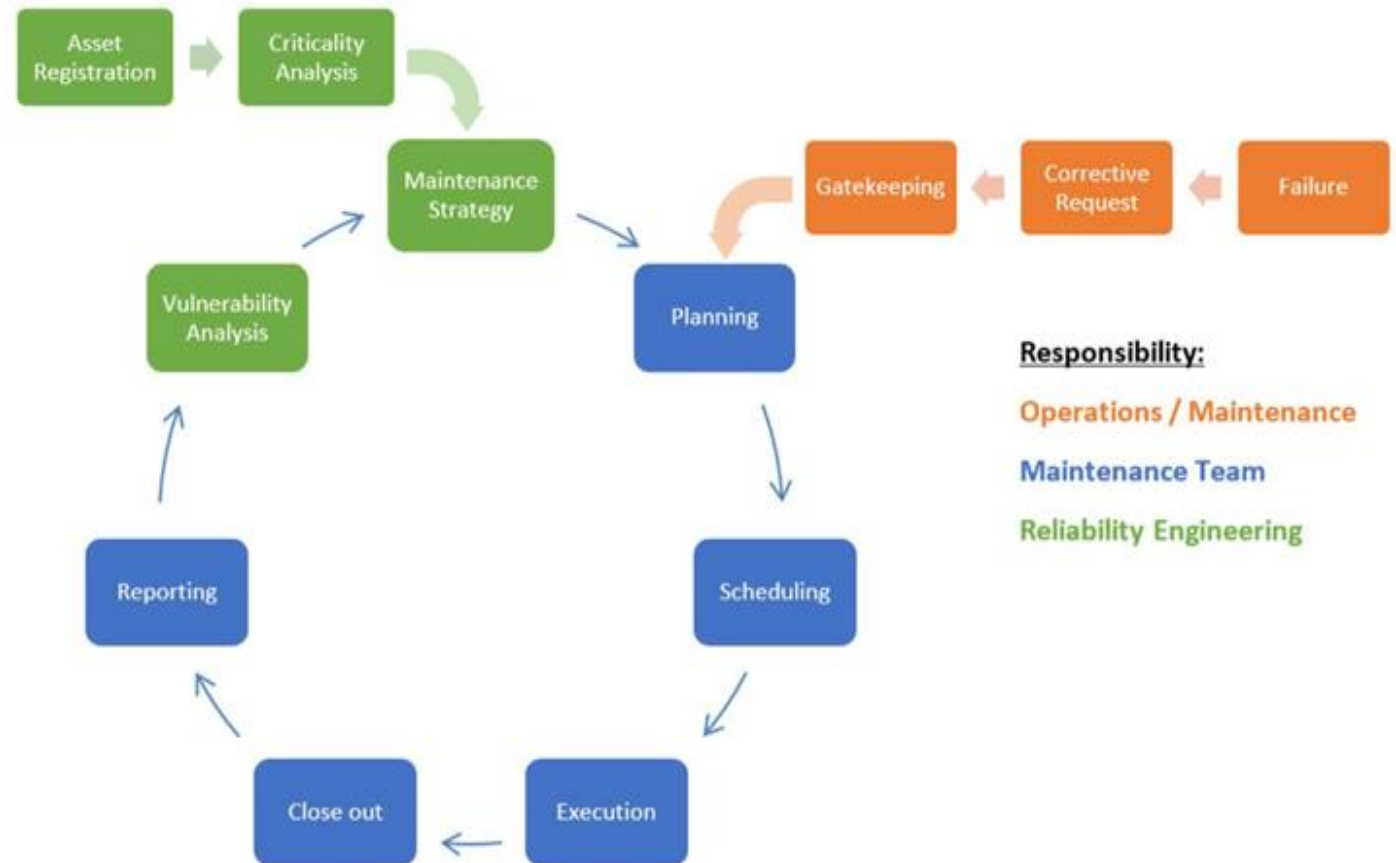
Is a measurable value that helps to determine how effectively and efficiently an organisation is managing its activities



Closed Loop

Starting with the Analysis

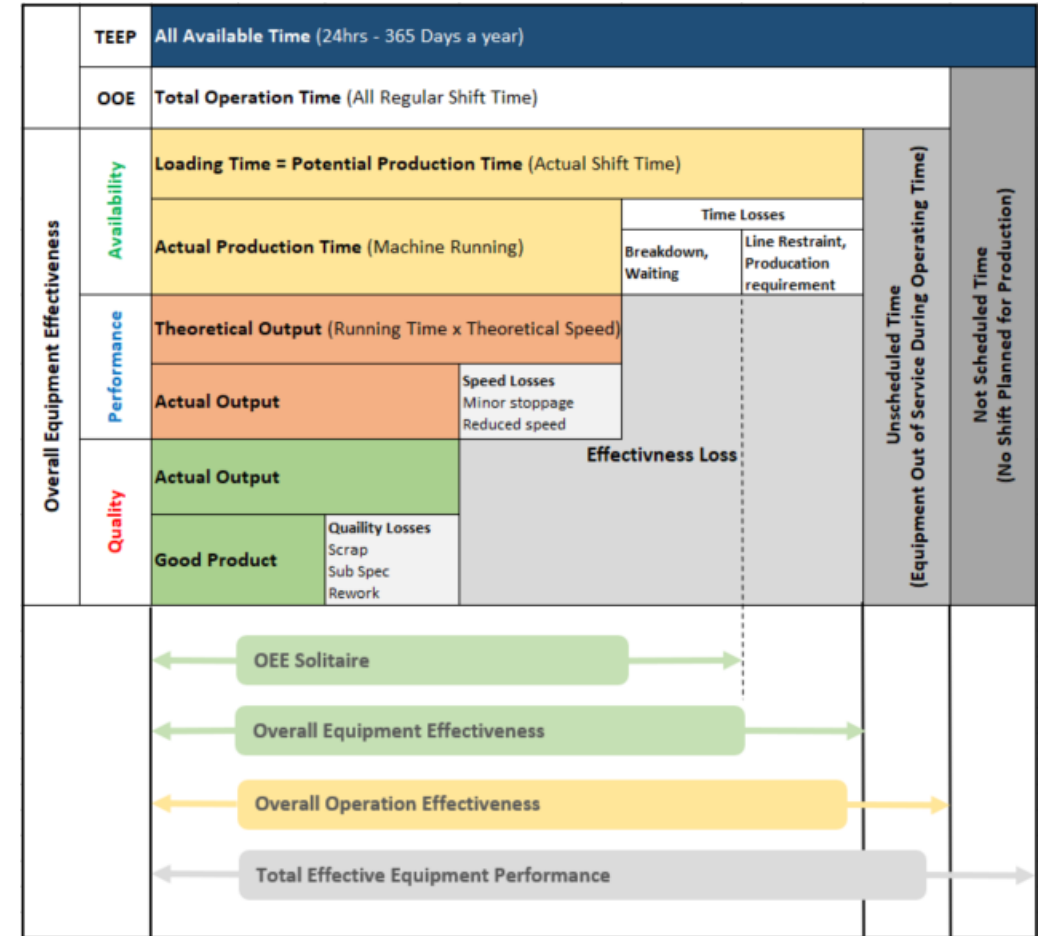
- Last step in the process
 - Why we measure
 - What we measure
 - How we measure
 - Accountability



From the Top

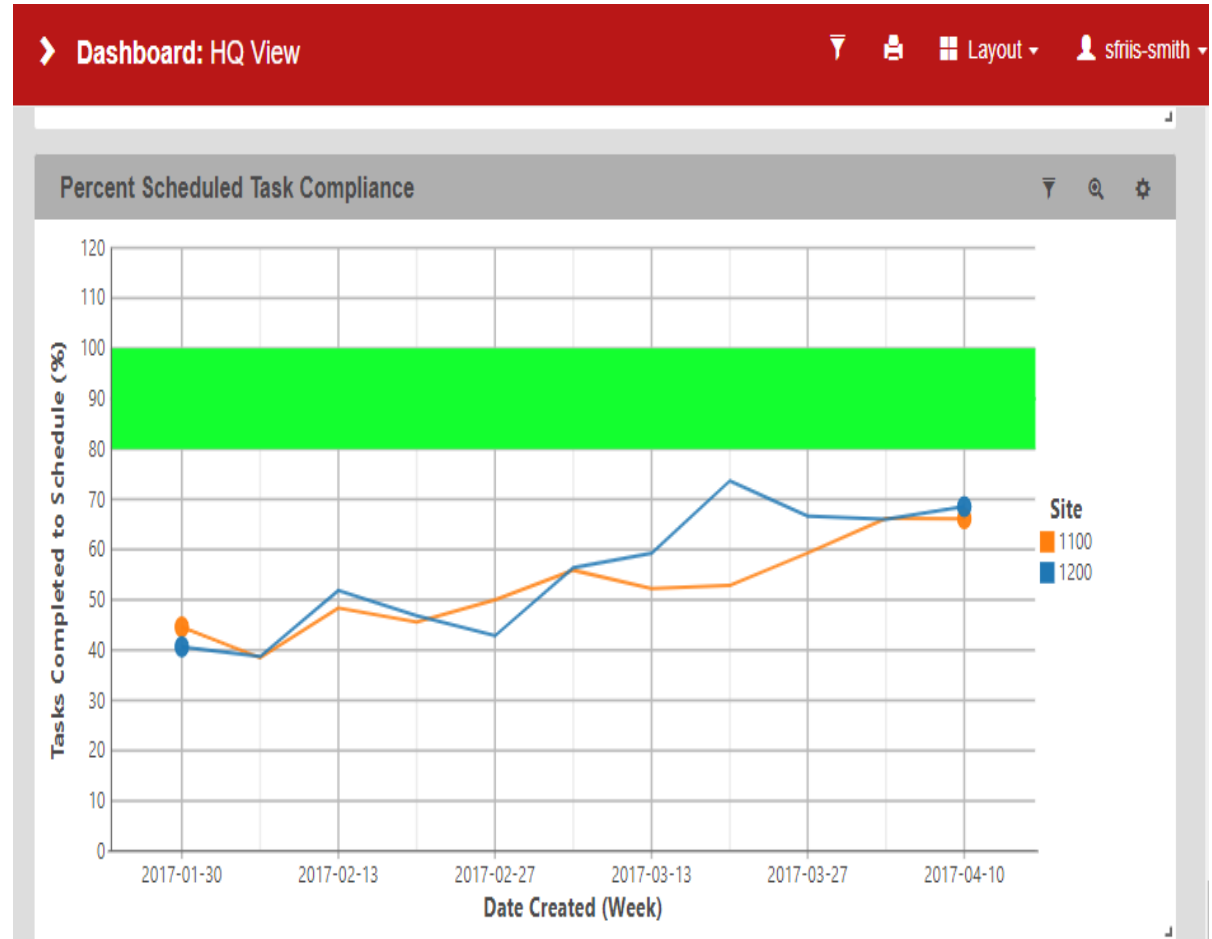
Maintenance delivers production

- TEEP
- OOE
- OEE
 - Availability
 - Performance
 - Quality



KPI Examples

- How many are needed
- Areas
 - Assets
 - Planning
 - Scheduling
 - Execution
- Forty-Five of the best KPIs
 - [KPI List](#)



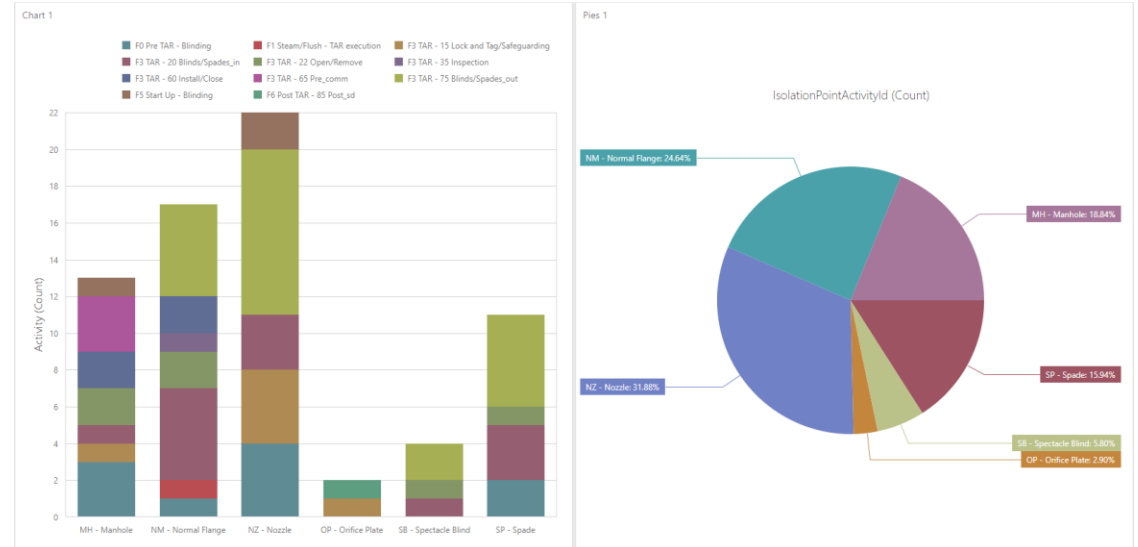
Types of KPI



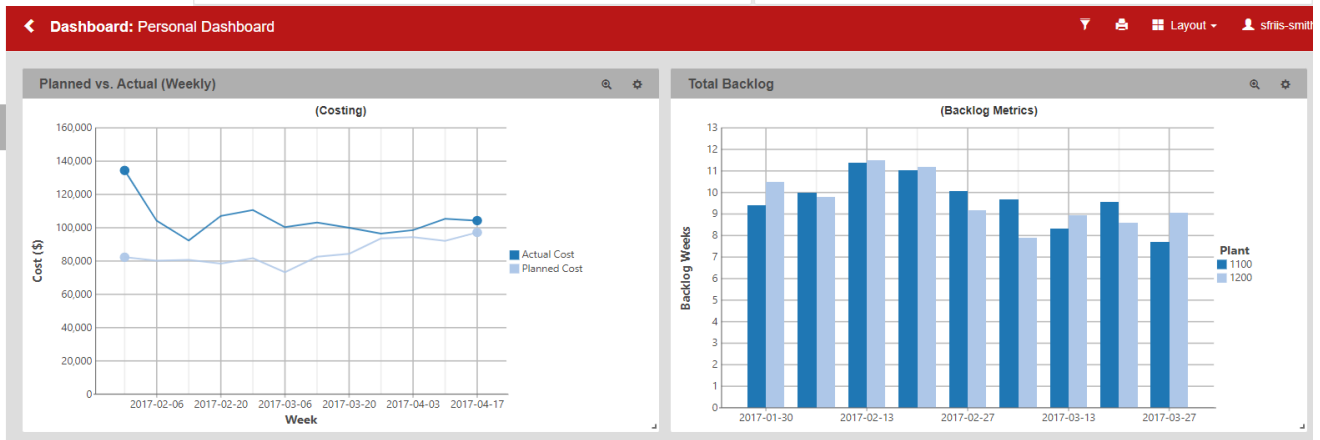
- Leading
 - MTBF
 - Availability
 - PPM
- Lagging
 - MTTR
 - OEE
 - Reactive Maintenance Ration

Platform Approach

- KPI Systems
- Analytics & Others
- Dedicated workshop
- Data sources mapped
 - SAP / CMMs
 - PG Products
 - Snapshots
 - Others



- Filter Dashboards...
- Personal Dashboard
 - Maintenance Manager Dashboard
 - HQ View
 - Plant 1200
 - Plant 1100
 - Site at a Glance Plant 1100
 - Reliability
 - Costing
 - Nuclear AP-928
 - Backlog Metrics
 - Outage Reports
 - Safety
 - Standard Report Package
 - Production



Accountability

Learnings

- Make every action accountable
 - Assign Ownership
 - Regular dedicated meetings
 - Monitor
 - Tracking system
 - Positive and Negative
 - Communication

Create PM Notification:

Notification: 10013660 OS KPI Tracking Action

Notific. Status: OSNO OSTs

Order: []

Message 1 Tasks

No.	Task...	Task code text	Task text	Ta...	Task Status	User Status	Task processor	Responsible	List name
1			Review Equipment PM	[]	TSOS		Person Respon. v	55555551	Stuart Friis-Smith
2			Carry out FMEA	[]	TSOS		Person Respon. v	700700	Bruce Weaver
3			Assign new maintenance	[]	TSOS		Person Respon. v	100049	Mr. John Smith

Example

Getting the right metric

- **Backlog**

- All Approved not yet done
- All work past its due date

- **Measurement**

- Number
- Hours
- Man weeks

- **Breakdown**

- Priority
- Period
- Type
- Priority Index = Asset Criticality
x Work Order Priority

Recap

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- Highlevel
- How many KPIs
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Thank you

Questions?

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Stuart Friis-Smith Consultant Manager