Innovation Delivery Platform (IDP)

Transformation:

Introduction to Business Improvement and Sustaining Capital Projects



Key challenges facing major transformation programs

We see our clients contend with a number of common pain points as their projects become larger in value, scale and technical difficulty, requiring a range of capabilities from diverse stakeholders.



Siloed working behaviours across diverse project teams.



Highly manual and segregated processes and reporting.



Fragmented and disparate systems, data and capabilities.



Lack of confidence in the insights required for effective decision making.

Implementing productivity improvements on sites is challenging





It is difficult to gain full visibility of improvement programs and have confidence the gaps will be closed.



Predictability value is being delivered to the bottom line needs to be improved. Often value is measured but not delivered or delivered but not measured.



Commodity volatility, energy prices, legislative amendments etc requires mine operations improvement programs to be more responsive.



There are too many platforms and processes to logon to and go through to find the data I need.

Compounded by a systemic lack of accountability





I am unable to gain a high confidence level in the improvement program. Will it achieve its targets for this financial year.



I'm unable to get the right info at the right time, so I need to constantly supervise my team to make sure they are on target and have all the necessary info to do their jobs.

The 'Two Wheels' of Performance Transformation



EFFECTIVENESS is the production of desired outcomes, at the right quality, in time to meet a plan.

Example effectiveness measures:







Degree of Purity/Product Quality



Cycle Time



Fleet Utilisation

Effectiveness transformation is a whole of business collaboration to improve "top line", or total revenue results.

Initiatives often focus on key value drivers, un-throttling value chain constraints and increasing total throughput of the system.

EFFICIENCY is the optimisation of resources required to achieve those desired outcomes.

Example efficiency measures:



Production tonne



Rehandle %



Equipment Downtime Split



Efficiency transformation is often department, equipment or facility focused effort to improve the "bottom line" or profit.

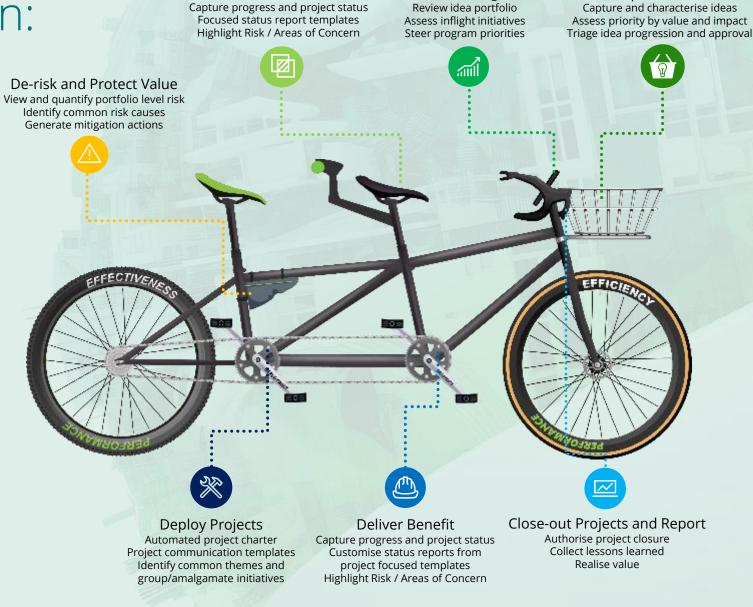
Initiatives focus on removing process wastes, shortening supply chains and cost-out decreasing the overall cost per unit produced



IDP for Transformation:
A system as simple
as riding a bicycle

Transformational change is complex already, so the system used to manage it should be intuitive to use... just like riding a bike.

Having a simple, up-to-date source of truth across inflight initiatives is the key to enabling sustainable change and utilising insights for to measure impact as it occurs.



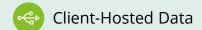
Steer the Program

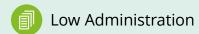
Plan Initiatives

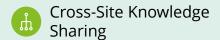
Capture Ideas

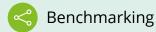
Transforming innovation Into delivering value

IDP is a simple low-cost transformation delivery platform hosted in your Microsoft 365 environment. It enables organisations to centrally manage many independent initiatives and aligns operational efforts to strategic objectives.



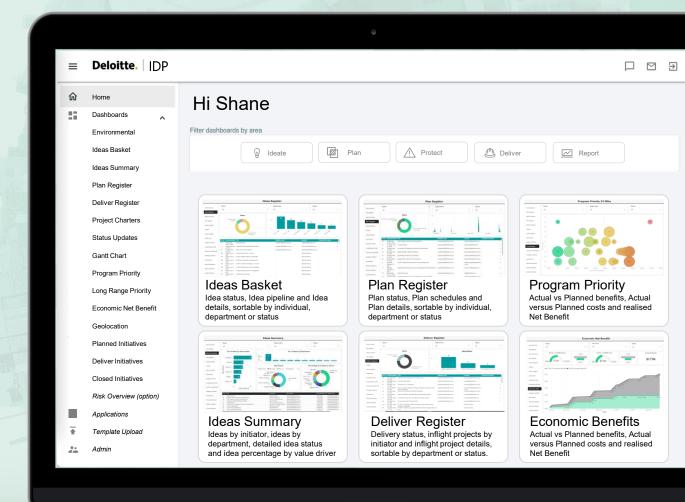






The Advantage

IDP is a proven system that creates trust at all levels of the business. It achieves this by using an intuitive interface with transparent reporting.



Functionality



Idea Capture

for review and approval.

Plan





Deliver

Use structured templates that

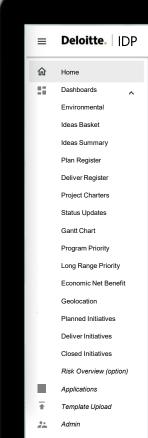
Close

Formal close-out and value





Reporting



Hi Shane

Filter dashboards by area













Ideas Basket

Idea status, Idea pipeline and Idea details, sortable by individual, department or status



Ideas Summary

Ideas by initiator, ideas by department, detailed idea status and idea percentage by value driver

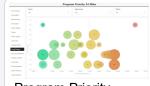


Plan status, Plan schedules and Plan details, sortable by individual, department or status



Deliver Register

Delivery status, inflight projects by initiator and inflight project details, sortable by department or status.



Program Priority

Actual vs Planned benefits, Actual versus Planned costs and realised Net Benefit



Economic Benefits

Actual vs Planned benefits, Actual versus Planned costs and realised Net Benefit

Capabilities

As an out-of-box solution, IMCP has the capability to derive industry specific KPI insights across health, safety, environment, community, cost, risk, progress and performance domains.

Platform



Data ingestion

Out of the box we offer a csv upload. Based on your needs this can be customised. For example:

- Oracle Primavera P6
- Integraph Smart3D
- SAP Contracts & Procurements



Database

Data is stored in Databases and is both physically and logically separate.



Data processing

Data Ingested is processed and converted into usable metrics using our data model covering the KPIs.



Data storage

Data is encrypted and secured.

Data is backed up on a regular basis.

Dashboards



Data visualisation

IMCP dashboards provide a high-leve view of your portfolio or drill down to see key insights at the

Portal



Portal

Web-based portal interface provides access to the right project information at the right time via the IMCP portal, a secure platform which gives stakeholders convenient access to critical data visualisations, project dashboards and reports.

- Full visibility of the entire asset / project lifecycle
- Ability to filter down to specific project or take a holistic view for comparison and aggregate reporting.

User Authentication

Secure platform

Services

Data and Al Services

Custom API Integrations

Custom Data Model

Custom Dashboards

Human Capital Services

Change Management

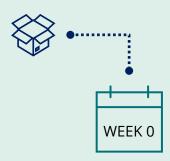
Operating Model

Data Governance: Data is stored within the region thereby maintaining Data Sovereignty.

IDP System Install a proven delivery approach for a typical mine site (by dept)

Install out-of-box solution

- Support to install IDP on your site using existing fields
- Two x 2 hr training sessions
- Review your existing data structure
- Work with you to understand modifications requested



Support

- Establish working group
- Align data submission categories
- Update data structures
- Initiate import of your data



User Requirements

support

- ✓ Workshop for common understanding
- Define and schedule additional requirements

Reports

- Mock-up requirements Initiate build of additional PowerBI reports



Forms

- Mock-up requirements
- Initiate build of additional Forms

Coaching

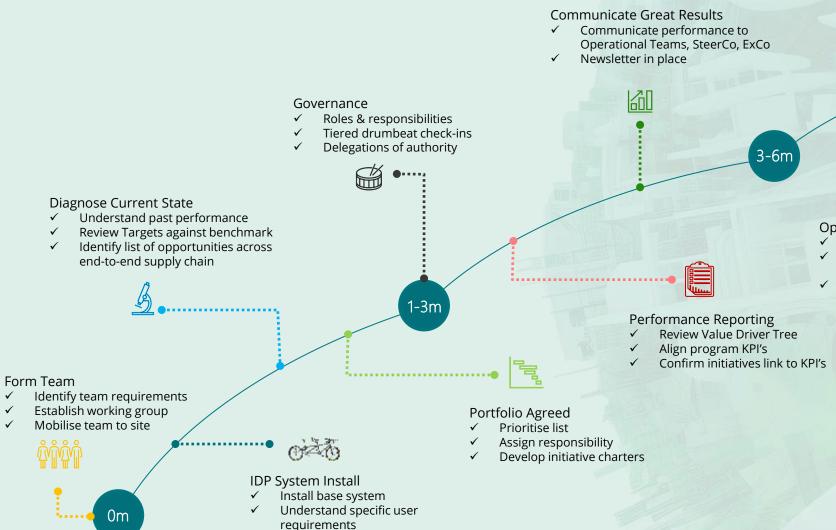
- Finalise punchlist
- Train users
- Handover workshop



Workflows

- **Review process**
- Update workflows

IDP Transformation Delivery



Implement changes

Innovation Forums

- ✓ Recognise excellent work
- ✓ Build a Centre of Excellence



Training

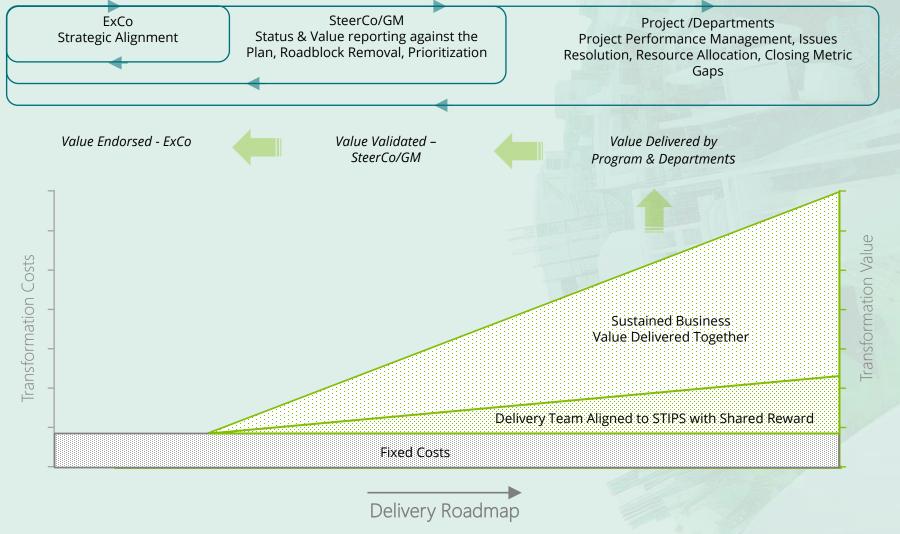
- Training in delivery fundamentals
- Coaching across innovation delivery

Optimisation Reviews

- ✓ Check program performance
- Assess program against value drivers
- ✓ Action gaps

Our Transformation Governance Model focusses on shared objectives, shared value to incentivise teams to achieve sustainable results across the entire business

Our Transformation Model operates across Strategic, Tactical and Operational interfaces...



Success Factors...
...what we have noticed



Focus on getting the **right team** in place and how they can work together



Leverage differences select the teams and partners based on mutually exclusive capability aligned to the program objectives



Develop shared metrics aligned to business success



Establish Governance early to set foundations then upgrade to value optimisation thinking



Integrate teams into the organisation beyond project team formation, generate full performance through shared values and aligned outcomes

IDP Transformation Lifecycle A structured program managed within a simple system.

Targeted and Disciplined. What goes into IDP comes out adding value or gets cancelled.

DATA	DIAGNOSTICS	PROGRAMS	TEAMS	GOVERNANCE	VALUE CAPTURED IN IDP
Delays Cycle Time Velocity TRIFR Cancellations Tonnes	Analytical Analysis Brainstorming. 5 whys	 LONG TERM ISSUES Major gaps in performance over a longer period Selected for more thorough Root Cause Analysis (RCA) MID TERM ISSUES 	STRATEGIC Team of Specialist Delivery Resources with stringent targets to deliver a campaign/s. Use of known systems and processes Authorised and available to perform	MONTHLY FORUMS Prioritisation of Projects Endorse Projects Oversight of Project & Program Delivery	PORTFOLIO & PROGRAMS Portfolio, Program & Projects Project Delivery, Status, Reporting, Governance.
Utilisation On Time Performance Performance to Plan Dwell	Flowcharting Fishbone diagrams Affinity diagrams Etc.	 Issues arising over a 1-3 month period Reviewed for potential further analysis OR Can be directly actioned within a week to a month 	TACTICAL Either specialists or work within the organisation and are either PT or FT CI resources	WEEKLY FORUMS Corrective mid term Actions Managed by Action Registers	SMALL INITIATIVES Small Initiatives
Hang Time		 SHORT TERM ISSUES Issues arising on the day Opportunistically actioned on the day or within the week 	OPERATIONAL Actions completed within daily routines	DAILY LEAN MEETINGS Corrective short term actions Managed on white board, value captured in IDP	ACHIEVABLE ACTIONS White Board ToDo Lists, Value registered in IDP