

**ID08 Information Repositories  
Consolidation & Replacement  
Preliminary Gate 2 Business Case**

**2020-25  
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# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



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# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



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## 1 EXECUTIVE SUMMARY

### 1.1. Background & Business Problem

The primary record of Energex and Ergon Energy's information is the companies' core systems, including the respective Asset, Works and Network Operations systems, Market and Customer Management systems, Finance, HR, Payroll and Procurement Management systems.

For efficient access to information for reporting, analysis and operational performance management, these core systems are supplemented by a number of legacy information repositories (including data warehouses and similar environments), together with a collection of data discovery, visualisation, analytics and integration tools.

Like most companies of equivalent scale, Energex and Ergon Energy each operate a variety of such information repositories and tooling. As with all complex ICT solutions, these require cyclic maintenance and renewal for ongoing supportability, sustainability and security.

Since the consolidation of Energex and Ergon Energy into Energy Queensland, the organisation has taken the opportunity to develop an integrated information management strategy. This strategy focusses and aligns the companies' information management practices such that future investments in information repositories, tooling, processes and standards are delivered in a consistent manner for the benefit of the whole state.

To that end, the group has recently established a foundational Enterprise Intelligence Platform based on modern, scalable and efficient SAP HANA technologies. This platform serves as the target platform for consolidation of the group's information repositories and tooling.

Prior to the coming regulatory control period (July 2020), Energex and Ergon Energy will have completed the transition to a unified Enterprise Resource Planning (ERP) and Enterprise Asset Management (EAM) solution through the "ERP EAM Program". This program will migrate the companies' existing Asset, Works, Finance, HR, Payroll and Procurement Management functions to the new unified ERP EAM solution. It will also transition the corresponding warehousing, reporting and analysis capability from the companies' legacy information repositories and tooling across to the new Enterprise Intelligence Platform and/or to the natively provided capability of the new ERP EAM solution.

Following this transition however, substantial business information outside the scope of the ERP EAM program will remain in the legacy repositories. This residual information remains critical for business operations and for integration with other business systems.

### 1.2. Investment Overview

Through this business case proposal, the legacy information repositories and tooling will be consolidated into the target Enterprise Intelligence Platform and dependent "satellite" systems will be reintegrated. With this consolidation, the disparate Energex and Ergon Energy environments will be decommissioned. The whole-of-group information will thus be collated to the value of the two Energy Queensland distributors, subject to conformance with security, privacy and ring fencing obligations.

Together with the information repository and tooling consolidation, this investment will ensure renewed sustainability of the companies' data discovery, analytics, visualisation and data integration capabilities for ongoing serviceability and efficiency.

### 1.3. Options Analysis

Three options are considered in this business case:

- Option 1 – Proceed with the Consolidation of Information Repositories (Preferred Option)
- Option 2 – Renew the Existing Disparate Information Repositories
- Option 3 – Do Minimal

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“Option 1 - Proceed with the Consolidation of Information Repositories” is the preferred option, as it meets all the business case objectives, it is aligned with Energy Queensland’s strategic objectives and is consistent with Energex and Ergon Energy’s obligations under the National Electricity Rules. This option also supports realisation of Energy Queensland’s forecast 10% reduction in indirect costs and 3% improvement in program of work labour costs.

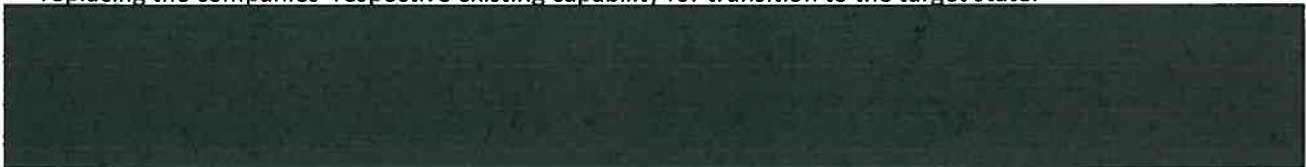
“Option 2 - Renew the Existing Disparate Information Repositories” is viable but requires duplication of costs across the two distributors, with less opportunity for process improvement.

“Option 3 - Do minimal” defers renewal of the companies’ legacy information repositories and tooling. It therefore represents a material risk to the companies’ continued delivery of their regulatory and service delivery obligations.

## 1.4. Financial Summary<sup>1</sup>

The tables below summarise the forecast initiative costs for Energex and Ergon Energy.

The project costs for each company are consistent with the effort and complexity of consolidating and replacing the companies’ respective existing capability for transition to the target state.



### 1.4.1 Energex Option Comparison



### 1.4.2 Ergon Energy Option Comparison



### 1.4.3 Energex Expenditure Summary (Option 1 – Preferred)



<sup>1</sup> Bracketed figures indicate negative values.

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## 1.4.4 Ergon Energy Expenditure Summary (Option 1 – Preferred)



## 1.5. Investment Benefits

The preferred option delivers the benefit of sustaining the companies' critical information management capabilities and business processes. It further enables continuous improvement in safety risk mitigation, stakeholder engagement and compliance with mandatory obligations.

The investment is also a critical enabler of Energy Queensland's planned productivity improvements which result in a forecast 10% reduction in indirect costs and 3% improvement in program of work labour costs.

The consolidation of information repositories and tooling supports this productivity improvement through benefits including:

- Alignment and simplification of state-wide data collation and analysis;
- Simplification of RIN reporting and internal review / verification; and
- Optimisation of asset maintenance through effective condition assessment and defect / failure mode analysis.

## 1.6. Investment Risks



## 1.7. Customer Focus

Through efficient access to accurate, relevant and consistent information, Energy Queensland can best focus its resources on delivery of its obligations and meeting customer and community expectations.



## 2. INVESTMENT OVERVIEW

### 2.1. Background and History

Effective information management is a critical enabler of Energex and Ergon Energy's efficient operations as distribution network service providers for Queensland.

The primary record of Energex and Ergon Energy's information is the companies' core systems, including the respective Asset, Works and Network Operations systems, Market and Customer Management systems, Finance, HR, Payroll and Procurement Management systems.

For efficient access to information for reporting, analysis and operational performance management, these core systems are supported by information repositories (including data warehouses and similar environments) together with a collection of data discovery, visualisation, analytics and integration tools.

Like most companies of equivalent scale, Energex and Ergon Energy each operate a variety of such information repositories and tooling. As with all complex ICT solutions, information repositories and tools require cyclic maintenance and renewal for ongoing supportability, sustainability and security.

Since the consolidation of Energex and Ergon Energy into Energy Queensland, the organisation has taken the opportunity to develop an integrated information management strategy. This strategy focusses and aligns the companies' information management practices such that future investments in information repositories, tooling, processes and standards are delivered in a consistent manner for the benefit of the whole state.

To that end, the group has recently established a foundational Enterprise Intelligence Platform based on modern, scalable and efficient SAP HANA technologies. This platform serves as the target platform for consolidation of the group's information repositories and tooling.

### 2.2. Business Problem and Rationale

Prior to the coming regulatory control period (July 2020), Energex and Ergon Energy will have completed the transition to a unified Enterprise Resource Planning (ERP) and Enterprise Asset Management (EAM) solution through the "ERP EAM Program". This program will migrate the companies' existing Asset, Works, Finance, HR, Payroll and Procurement Management functions to the new unified ERP EAM solution. It will also transition the corresponding data warehousing, reporting and analysis capability from the companies' legacy information repositories and tooling across to the new Enterprise Intelligence Platform and/or to the natively provided capability of the new ERP EAM solution.

Following this transition however, substantial business information outside the scope of the ERP EAM program will remain in the legacy repositories. This residual information remains critical for business operations and for integration with other business systems. It includes information such as:

- Network asset specification, configuration and connectivity information;
- Network operations and "time series" information;
- Market and customer management information;
- Field works performance information; and
- Third party sourced information.

Through this business case proposal, these legacy information repositories and tools will be consolidated into the target Enterprise Intelligence Platform. With this consolidation, the disparate Energex and Ergon Energy environments will be decommissioned. The whole-of-group information will thus be collated to the value of the two Energy Queensland distributors, subject to conformance with security, privacy and ring fencing obligations.



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The growth in scale and complexity of network and environmental information in the modern world is rapid. As efficient network operators, it is critical for Energex and Ergon Energy to manage this growth in a sustainable manner and leverage the value of the information to the value of the communities they serve.

## 2.3. Investment Objectives

This investment in information repository consolidation, replacement and asset decommissioning will deliver on the following objectives.

- Ensure the ongoing supportability and sustainability of core business processes which use and analyse information currently residing in legacy information repositories and tooling.
- Consolidate Energy Queensland's residual "non ERP EAM" information into the unified and efficient Enterprise Intelligence Platform, enabling consistent state-wide analytics and business processes.
- Sustain the companies' existing advanced analytics capability as data volumes increase.
- Improve the efficiency and accuracy of regulated reporting obligations, including generation of Regulatory Information Notices (RINs) for both Energex and Ergon Energy.
- Leverage the capability of the new Enterprise Intelligence Platform, including the high speed analysis and reporting capability of SAP HANA, to enable improved network operation and asset management processes.
- Leverage the opportunities associated with the overlay and analysis of third party information sets for improved investment planning and operational service delivery.
- Enable day-to-day business process efficiency through availability of simulation, business scenario analysis and trend identification.
- Support continuous improvement of business process operations and safety risk mitigation through efficient and effective root cause and defect mode analysis.
- Meet community "open data" expectations through provision of timely, accurate and secure information regarding Energex and Ergon Energy's distribution service.
- Build upon the companies' information intelligence architecture, providing agility in responding to regulatory, compliance and technology changes.
- Enable access to accurate, timely, and comprehensive data with a storage and delivery model that suits the analysis to be performed.
- Enable self-serve information and story board scenarios that can be efficiently monitored on a company and state-wide basis within the governance management operating system (MOS).

## 2.4. Principles

This initiative will be guided by the following principles.

- Data should be accessible, repeatable, usable and fit for purpose.
- Data should be valued, trusted and clearly understood.
- Data should be securely prepared and provisioned whilst enabling collaboration, connectivity and freedom to explore.
- Data and analytics are tools for defining and solving business problems.
- Data analysis should be purposeful, driving decisions and innovations that create value and enable improvement.

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## 3. STRATEGIC ALIGNMENT

### 3.1. Alignment to Energy Queensland Strategic Objectives

This investment aligns with the Energy Queensland **Strategic Objectives** in the following ways:

Strategic Objective	How this investment contributes to the Strategic Objective of EQL	Impact
<b>1. Community and customer focused</b> Maintain and deepen our communities' trust by delivering on our promises, keeping the lights on and delivering an exceptional customer experience every time.	Through efficient access to accurate, relevant and consistent information, Energy Queensland can best focus its resources on delivery of its obligations and meeting customer and community expectations.	Medium
<b>2. Operate safely as an efficient and effective organisation</b> Continue to build a strong safety culture across the business and empower and develop our people while delivering safe, reliable and efficient operations.	Root cause and trend analysis can mitigate risks, optimise the value of investments and maximise the efficiency of operational processes.	High
<b>3. Strengthen and grow from our core</b> Leverage our portfolio business, strive for continuous improvement and work together to shape energy use and improve the utilisation of our assets.	Timely and accurate information enables Energy Queensland to continuously improve its operations based on the experiences of the full business and our peers.	High
<b>4. Create value through innovation</b> Be bold and creative, willing to try new ways of working and deliver new energy services that fulfil the unique needs of our communities and customers.	Quality information sources are a key basis for innovation trials and simulation. Through effective analysis of large scale data, the true value or cost of practices and assets are visible for improved decision making.	Medium

### 3.2. Alignment with National Electricity Rules (NER)

The table below details the alignment of the proposed solution with the NER capital expenditure objectives as regulated by the AER.

NER Objective Alignment	Rationale
<b>6.5.7 (a) (2)</b> The forecast capital expenditure complies with all applicable regulatory obligations or requirements associated with the provision of standard control services	This business case proposes the consolidation of Energex and Ergon Energy's legacy information repositories and tooling into the unified Enterprise Intelligence Platform servicing the whole of Energy Queensland. Through this consolidated platform there will exist a single source-of-truth for accurate network and operational data which Energex and Ergon Energy will use in maintaining network security and compliance with all regulated, legislative and policy obligations.
<b>6.5.7 (a) (3)</b> The forecast capital expenditure maintains the quality, reliability and security of supply of standard control services	Through accurate and timely information, Energex and Ergon Energy can maximise operational performance and efficiency in delivery of quality, reliable and secure standard control services. This specifically includes the ability to analyse power quality data and trends, undertake root cause analyses of issues which may impact network reliability and/or security of supply.

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NER Objective Alignment	Rationale
<b>6.5.7 (c) (1) (i)</b> The forecast capital expenditure reasonably reflects the efficient costs of achieving the capital expenditure objectives	<p>Costs for this investment have been forecast based on knowledge of recent and historical market procurements for equivalent capability and services as well as through specialist advice and internal subject matter expertise.</p> <p>Energy Queensland undertakes competitive market procurement processes to ensure cost efficiency in project cost and operational expenditure.</p> <p>Energy Queensland also has a cloud services strategy which assesses each potential investment to ensure the optimal use of cloud and internal services with considerations of cost, risk, service requirements and other parameters.</p>
<b>6.5.7 (c) (1) (ii)</b> The forecast capital expenditure reasonably reflects the costs that a prudent operator would require to achieve the capital expenditure objectives	<p>The requirement for this investment is premised on industry typical ICT Asset Lifecycle Management principles to prudently and efficiently ensure the supportability, serviceability and security of Energex and Ergon Energy's information systems.</p> <p>Currently this investment has been analysed to a "Preliminary Gate 2" level. Prior to investment, a Gate 3 business case will be prepared with further detail to be assessed in accordance with the established investment governance processes.</p>
<b>6.5.7 (c) (1) (iii)</b> The forecast capital expenditure reasonably reflects a realistic expectation of the demand forecast and cost inputs required to achieve the capital expenditure objective	<p>Costs for this investment have been forecast based on knowledge of recent and historical market procurements for equivalent capability and services as well as through specialist advice and internal subject matter expertise.</p> <p>Further detailed cost build up will take place in development of the Gate 3 business case. This detailed cost build up may be subject to further competitive market procurement processes, sourcing analysis and peer consultation.</p>




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## 3.3. Alignment with the Digital Application Asset Management Guidelines

The table below indicates alignment of the solution with the Digital Application Asset Management Guidelines:

Digital Application Asset Management Guidelines Assessment	Rationale
<p>Information Repositories are, in most cases, classified as Connective Technologies according to the PACE layer categorisation described in Energy Queensland's Digital Application Asset Management Guidelines.</p> <p>These guidelines describe key defining criteria for Connective Technologies including that they:</p> <ul style="list-style-type: none"> <li>• Provide fundamental enabling capability that all processes and systems may utilise.</li> <li>• Require technical skills to develop and must follow clear methodologies to ensure integrity and reuse.</li> <li>• Are the mechanism that is used to expose and reuse information, business rules and capability in different contexts.</li> </ul> <p>On the above basis, the guidelines forecast that Connective Technologies should maintain currency, supportability and effectiveness through the following investment lifecycle.</p> <ul style="list-style-type: none"> <li>• Minor Upgrade – 2 years after implementation</li> <li>• Major Upgrade – 5 years after implementation</li> <li>• Replacement – 10 years after implementation</li> </ul> <p>The guidelines further describe that Upgrade and Replacement investments should consider the extent of "obsolescence" of the solution. E.g.</p> <ul style="list-style-type: none"> <li>• Technical Obsolescence – The solution is still functional but not supportable</li> <li>• Financial Obsolescence – The cost of maintaining the solution outweighs the value derived from it.</li> <li>• Asset Obsolescence – The asset has reached the end of its reasonable functional life as indicated through failure rates, inability to meet business requirements etc.</li> </ul>	<p>The Information Repositories and Tooling proposed for replacement through this investment will meet the criteria for replacement identified in the guidelines.</p> <p>The proposed investment is planned to conclude in FY25.</p> 

## 3.4. Regulatory Implications

Accurate and efficient information management is an essential enabler of Energex and Ergon Energy's compliance with legislative and regulatory obligations as distribution network service providers (DNSPs).

These obligations include:

- Regulatory obligations, including delivery of timely and accurate RINs, in a consistent and efficient manner.
- Market obligations, including the need to meet service levels for market transactions and service delivery.
- Environmental obligations, requiring timely and accurate information regarding the companies' active and historical works, incidents, sites and location zoning.
- Workplace Health and Safety obligations, similarly requiring timely and accurate information regarding works and incidents as well as staffing, skills management and network operational data.
- Privacy obligations, requiring strong controls and security on the accessibility of data, whilst ensuring appropriate availability of data upon valid request.
- Critical infrastructure obligations, requiring strong controls and security on data regarding the configuration and operation of the companies' networks, whilst also ensuring suitable availability for asset planning and management efficiency.

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## 4. INVESTMENT SCOPE

### 4.1. Functional Scope

Energy Queensland comprises multiple business areas and functions as defined in the organisation's Business Reference Model.

The proposed investment in Information Repositories Consolidation & Replacement is essential for the ongoing efficient, sustainable support of many of Energy Queensland's business areas and functions as listed below.

Business Area	Business Function	Business Reference Model Description
<b>Market Management</b>	Market Interaction Coordination	A function to facilitate the interaction between B2B organisations (LNSP, NSP, Retailers, Generators, AEMO, MDAs, MDPs) in the supply chain to deliver the product/service to the consumer i.e. to satisfy needs of the consumer.
	Market Operations	A function to operate the physical systems and wholesale markets through managing input data used to prepare schedules and dispatches.
<b>Customer Management</b>	Customer Service Operations	A function that manages service requests from customers. This includes the handling of customer requests/enquiries and complaints. Sub functions of this function are touch points between Customer Sales Management and Connection Point Management.
<b>Network Forecasting &amp; Planning</b>	Network Analytics and Forecasting	A function to analyse current asset capability/capacity, forecast/predict future required network asset capability/capacity based on a variety of forecasts and environmental parameters (e.g. demand, climate / weather, demographics etc) and identifies gaps and risks that require intervention.
	Network Planning	A function to develop and compare network and non-network options for remediation of gaps and risks identified by the Network Analytics and Forecasting function, then compile optimised investment and change plans that mitigate risk to the appropriate levels such that the network will meet forecast future requirements.
	Network Reporting	A function to report on network performance, forecasts and investment plans. This includes the production of regulatory reports and Regulatory Information Notices (RINs). This function is not represented explicitly in the organisational chart of Energex or Ergon Energy, but rather embedded in various functions across the Network Forecasting and Planning business capability.
<b>Network Performance &amp; Maintenance</b>	Asset Analytics and Reporting	A function to analyse and report on the current and future behaviour, condition and performance of network assets for the purpose of optimised decision making on activities for the management of the asset lifecycle. Analysis is undertaken on the basis of historical, current and third-party asset performance data, as well as various types of forecasts, using appropriate models.
	Asset Maintenance, Refurbishment and Retirement Planning	A function to deliver plans for the maintenance, refurbishment and retirement of existing network assets, optimised to meet regulatory, safety, security and enterprise objectives in the most effective and efficient manner.
	Asset Strategy and Planning	A function to define strategies and policies for network assets throughout their whole lifecycle management, in alignment with



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Business Area	Business Function	Business Reference Model Description
		regulatory, safety, security, financial and other enterprise requirements and objectives. This includes assessing changes in the environment, standards and regulations to understand their impact on existing assets and new asset requirements.
	Device Configuration Management and Lifecycle Planning	A function to manage the configuration of secondary systems devices in accordance with their purpose, changing environmental parameter (e.g. seasonal / weather, changes in network utilisation and other operational requirements, version upgrades, security threats etc) and defined secondary system standards.
	Network Performance Management	A function to analyse and forecast network performance (e.g. power quality and reliability) and develop plans for remediation or prevention of problems where they occur / may occur.
<b>Asset PoW Planning, Governance &amp; Reporting</b>	Network Asset Works Monitoring and Governance	A function to monitor and exercise governance over the asset works program.
	Network Asset Works Planning	A function to deliver plans for asset lifecycle related works, such as construction, maintenance, inspections and refurbishment.
	Network Asset Works Reporting	A function to report on the asset works program. This includes the production of asset works program related elements for regulatory reports.
<b>Network Information Management</b>	Network Information Governance	A function to enact the enterprise information governance framework for Network Information.
	Network Information Operational Management	A function to ensure the execution of plans developed by the Network Information Standards and Planning function. Certain operational aspects of management of network information (e.g. GIS data, Information Quality Assurance etc) may be directly allocated to this function.
	Network Information Standards and Planning	A function to provide standards for the management and provision of network information, in alignment with and within the frameworks of the Enterprise Information Management function. Such standards include: Definition of Information Lifecycle, Quality Standards, Security Classification, Logical Modelling, Information Services provided to the rest of the organisation
<b>Financial Resources Management</b>	Accounting Planning and Management	A function that plans, budgets and forecasts finances, as well as evaluating and managing financial performance.
	General Accounting and Reporting	A function that executes general accounting and reporting practices for the organisation such as fixed asset accounting and financial reporting.
	Internal Control Management	A function that establishes, controls, monitors and reports on the internal financial function of the business by implementing and ensuring adherence to policies and procedures.
	Tax Management	A function to manage the tax liability of the organisation through the development of tax strategy and plans and the processing of taxes.
	Treasury Operation Management	A function that manages in-house treasury policy and procedures, cash, bank accounts, debt and investment and financial risks.



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Business Area	Business Function	Business Reference Model Description
<b>Works Execution</b>	Works Program Management	A function that plans, develops, optimises, operates, quality-assures, monitors and reports on the Program of Work across all works types.
<b>Works Support</b>	Logistics Management	A function to ensure that the appropriate vehicle(s) and equipment are available in the right place to enable the execution of scheduled works.
	Third Party Contractor Management	A function that directly engages with third party service providers for works execution to facilitate, manage and monitor the relationship. This function is closely integrated with the enterprise's Procurement Management business capability, but considered as a Works Support function because of its direct impact on works execution.
	Third Party Works Monitoring	A function to quality-assure and report on works executed by third-party providers.
<b>Human Resources Management</b>	Employee Information Management	A function to capture, update and report on employee information.
<b>Environment Health &amp; Safety (EHS) Management</b>	EHS Program Monitoring	A function that monitors, manages and reports on the health, safety and environmental actions of the organisation.
	EHS Impact Assessment	A function that determines health, safety and environmental impacts across the organisation by evaluations of environmental impacts and conducting audits.
<b>Enterprise Information Management</b>	Business Analytics Management	A function focussed on collecting, storing and presentation of data to support decision-making. This includes activities such as reporting and analytics.
	Data and Information Quality Management	A function focussed on promoting data and information quality, understanding the quality requirements and rules, establishing metrics and taking action on the issues identified.
	Enterprise Data Management	A function focussed on data modelling, analysis, design and the implementation of those models including the testing, migration and deployment.
<b>Develop &amp; Manage Business Capabilities</b>	Organisation Knowledge Management	A function that operates a knowledge management strategy, resulting in the deployment of knowledge management projects to improve the capture and transfer of knowledge across the organisation.
	Organisation Performance Benchmarking	A function that performs benchmarking activities to conduct gap analysis to identify the areas required to change.
<b>Enterprise Risk and Resiliency Management</b>	Business Resiliency Management	A function to determine the resilience of the business to risks and developing a business resilience strategy, manage regulatory compliance.
	Enterprise Risk Management	A function to identify integrated risks of IT and business risks and to develop a strategy to manage these integrated risks.

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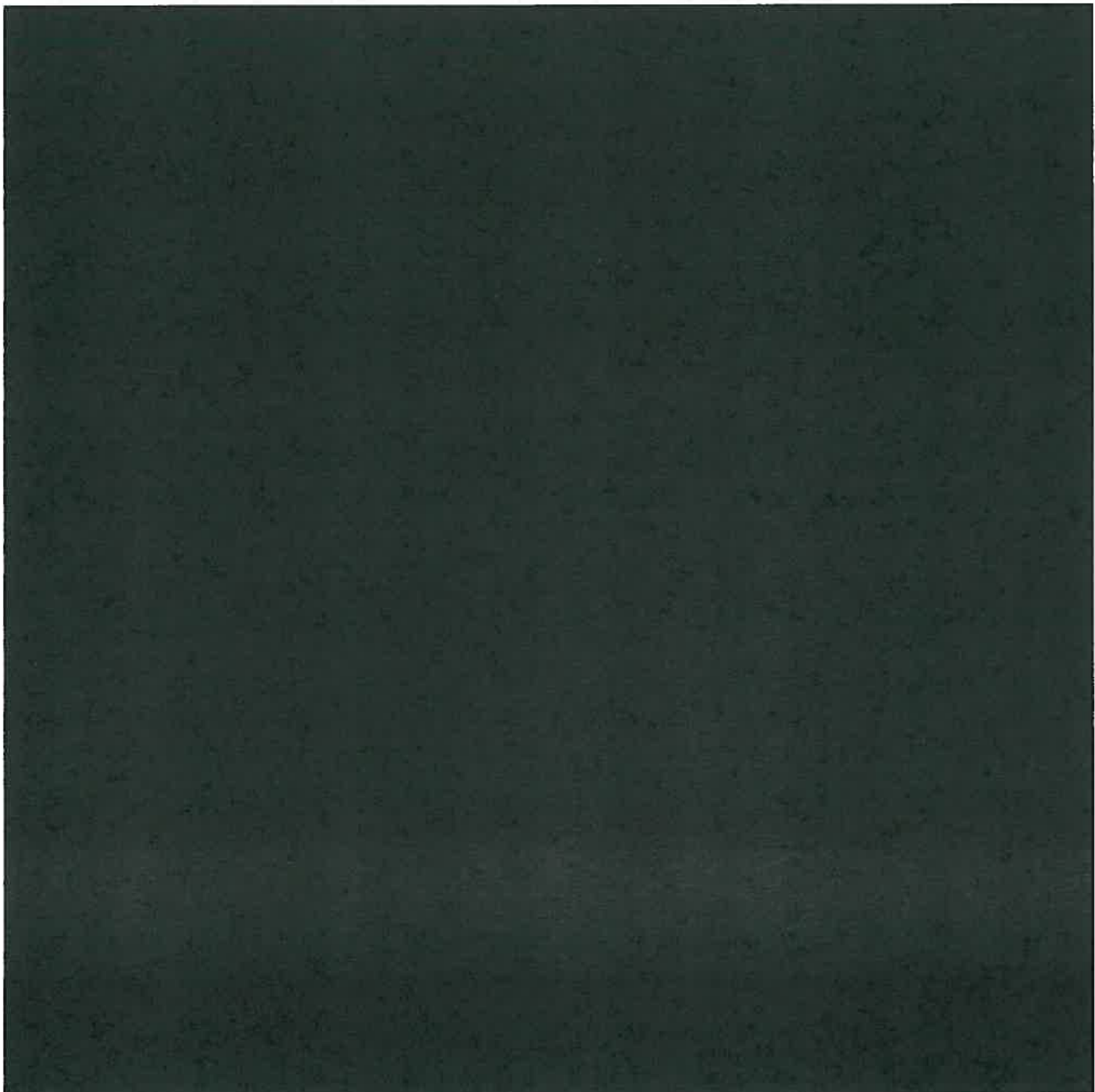
## 4.2. Solution Overview

### 4.2.1 Current State (2018)

Energy Queensland's existing Information Repositories contain broad information across multiple information domains including the following:

- Market & Customer
- Finance
- Network & Energy
- Safety
- Works
- Workforce & HR

Appendix A details these information domains, along with the constituent information sets held in the existing repositories.



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## 4.2.2 Interim State (start of the proposed investment)

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## 4.2.3 Target State (end of the proposed investment)

This business case investment will transition the residual information holdings from Energex and Ergon Energy's legacy information repositories across to the new Enterprise Intelligence Platform [REDACTED]

As indicated above, through implementation of this investment, [REDACTED] the Enterprise Intelligence Platform will become the source-of-truth for all warehoused information sets. All such information sets will be sourced from the respective core systems.

Together with the information repository and tooling consolidation, this investment will deliver renewed sustainability of the companies' data discovery, analytics, visualisation and data integration for ongoing serviceability and efficiency.

## 4.3. Assumptions

This business case is based on the following assumptions.



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- The initiative will be delivered following completion of the ERP EAM Program, which will have transitioned the mastering of Asset, Works, Finance, HR, Payroll and Procurement information from Energex and Ergon Energy's legacy repositories and tooling, across to the Enterprise Intelligence Platform.
- The scope, inclusions, exclusions, costs and impacts of the initiative will be further detailed through the Gate 3 business case prior to investment. This may be subject to competitive procurement processes as appropriate to ensure cost efficiency of delivery.

## 4.4. Dependencies

This investment is dependent on the following programs, projects or business activities:

Program/Project	Dependency	Effect
ERP EAM Program	ERP EAM Program initiatives will migrate the companies' Asset, Works, Finance, HR, Payroll and Procurement processes and data mastering from the existing Ellipse platforms and repositories to the new unified ERP EAM solution and Enterprise Intelligence Platform.	The Information Repositories Consolidation & Replacement initiative could proceed without completion of the ERP EAM Program, however it would then not be possible to decommission the legacy repositories and tooling.  Substantial benefit of consolidation would also not be achieved if the Enterprise Intelligence Platform lacked core data relating to Asset, Works, Finance, HR, Payroll and Procurement processes.
ID01 GIS Consolidation & Replacement	It's planned that the Information Repositories Consolidation & Replacement initiative will integrate the Enterprise Intelligence Platform with the single "unified" GIS platform planned for delivery through ID01 GIS Consolidation & replacement.	The Information Repositories Consolidation & Replacement initiative could proceed without completion of ID01 GIS Consolidation & Replacement, however it would then need to integrate the Enterprise Intelligence Platform with the two existing GIS and network model management solutions rather than the single unified solution.
ID03 FFA Consolidation & Replacement	It's planned that the Information Repositories Consolidation & Replacement will integrate the Enterprise Intelligence Platform with the single "unified" Field Force Automation (FFA) platform planned for delivery through ID03 FFA Consolidation & Replacement.	The Information Repositories Consolidation & Replacement initiative could proceed without completion of ID03 FFA Consolidation & Replacement, however it would then need to integrate the Enterprise Intelligence Platform with the two existing FFA platforms rather than the single unified solution.
ID04 Customer Market Systems Consolidation & Replacement	It's planned that the Information Repositories Consolidation & Replacement will integrate the Enterprise Intelligence Platform with the single "unified" Customer Market System platform planned for delivery through ID04 Market Systems Consolidation & Replacement.	The Information Repositories Consolidation & Replacement could proceed without completion of ID04 Customer Market Systems Consolidation & Replacement, however it would then need to integrate the Enterprise Intelligence Platform with the two existing market system platforms rather than the single unified solution.

Other programs or projects are dependent on this investment:

Program/Project	Dependency	Effect
ID06 Distribution Forecasting	ID06 Distribution Forecasting Consolidation & Replacement will replace or renew Energex	ID06 Distribution Forecasting Consolidation & Replacement could proceed without

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Program/Project	Dependency	Effect
Consolidation & Replacement	<p>and Ergon Energy's network forecasting and planning tools for sustainability, supportability and business process efficiency.</p> <p>Effective forecasting and planning requires accurate and detailed network information, as planned for collation in the Enterprise Intelligence Platform through the Information Repositories Consolidation &amp; Replacement initiative.</p>	<p>completion of the Information Repositories Consolidation &amp; Replacement, however it would then itself need to gather the network profiling information from multiple inconsistent legacy data sources. This would increase the complexity of that initiative and potentially reduce the quality of the outcome.</p>
ID11 Asset Inspections & Planning	<p>ID11 Asset Inspections &amp; Planning will consolidate and/or renew Energex and Ergon Energy's network asset inspections and planning tools for sustainability, supportability and business process efficiency.</p> <p>Asset inspections management will be optimised through effective monitoring of asset condition, along with analysis of defect and failure modes for each equipment type. The high speed, scalable data analysis capability of the Enterprise Intelligence Platform will enable this optimisation in conjunction with ID11 Asset Inspections &amp; Planning.</p>	<p>ID11 Asset Inspections &amp; Planning could proceed without completion of the Information Repositories Consolidation &amp; Replacement, however the benefits arising from analysis of network asset condition, defects and failure modes to optimise the inspection program and contracts might not be realised.</p>

## 5. OPTIONS ANALYSIS

This section considers the following options:

- Option 1 – Proceed with the Consolidation of Information Repositories (Preferred Option)
- Option 2 – Renew the Existing Disparate Information Repositories
- Option 3 – Do Minimal

### 5.1. Option 1 – Proceed with the Consolidation of Information Repositories (Preferred Option)

The existing Energex and Ergon Energy legacy information repositories and tooling will be consolidated into the Enterprise Intelligence Platform as described in Section 4.2 above.

### 5.2. Option 2 – Renew the Existing Disparate Information Repositories

The existing Energex and Ergon Energy legacy information repositories and tooling will be renewed, upgraded or replaced for ongoing supportability, security and serviceability. However, they will remain duplicated and inconsistent across the businesses, and will still require integration with Energex and Ergon Energy's other core systems as they undergo consolidation and replacement (e.g. GIS, FFA, market systems etc).

### 5.3. Option 3 – Do Minimal

The existing Energex and Ergon Energy legacy information repositories and tooling will remain as is without consolidation, renewal, upgrades or replacement. This is not a "Do Nothing" option, in that while these legacy environments remain operable, they will still require integration with Energex and Ergon Energy's other core systems as they undergo consolidation and replacement (e.g. GIS, FFA, market systems etc). Replacements will be deferred until the FY26-30 regulatory period.



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## 5.4. Option Comparison

Each option has been assessed against the key criteria contained in the table below.

	Option 1 – Proceed with the Consolidation of Information Repositories (Preferred Option)	Option 2 – Renew the Existing Disparate Information Repositories	Option 3 – Do Minimal
<b>Advantages</b>	<p><b>Consistent with the business case objectives, this option:</b></p> <ul style="list-style-type: none"> <li>• Achieves supportability and sustainability of core business processes</li> <li>• Consolidates information, enabling consistent state-wide analytics and business processes.</li> <li>• Sustains the companies' existing advanced analytics capability as data volumes increase.</li> <li>• Improves the efficiency and accuracy of regulated reporting obligations (incl. RINs).</li> <li>• Leverages the capability of the new Enterprise Intelligence Platform for improved network operation and asset management processes.</li> <li>• Leverages the opportunity to overlay and analyse information sets for improved investment planning and service delivery.</li> <li>• Enables business process efficiency through availability of simulation, business scenario analysis and trend identification.</li> <li>• Supports continuous improvement of operations and safety risk mitigation through state-wide root cause and defect analysis.</li> <li>• Meets community "open data" expectations through provision of information.</li> <li>• Provides agility in responding to regulatory, compliance and technology changes.</li> <li>• Enables a data storage and delivery model that suits the analysis to be performed.</li> <li>• Enables self-serve information and story board scenarios.</li> </ul>	<p><b>Partly consistent with the business case objectives, this option:</b></p> <ul style="list-style-type: none"> <li>• Achieves supportability and sustainability of core business processes</li> <li>• Sustains the companies' existing advanced analytics capability as data volumes increase.</li> <li>• Leverages the opportunity to overlay and analyse information sets for improved investment planning and service delivery.</li> <li>• Meets community "open data" expectations through provision of information.</li> <li>• Enables a data storage and delivery model that suits the analysis to be performed.</li> </ul>	<p><b>This option does not effectively achieve any of the objectives of the business case.</b></p> <p>It does however represent the lowest near-term expenditure on the companies' information management practices.</p>



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Option 3 – Do Minimal		
Option 1 – Proceed with the Consolidation of Information Repositories (Preferred Option)	Option 2 – Renew the Existing Disparate Information Repositories	Option 3 – Do Minimal
<p><b>Disadvantages</b></p> <p>This option meets all of the objectives of the business case, however <b>the following disadvantage is recognised:</b></p> <ul style="list-style-type: none"> <li>Information repositories and data management techniques continue to evolve rapidly. Therefore investments in this capability may have a shorter life than other ICT systems. Nevertheless, the value of the capability for business efficiency outweigh this disadvantage. Realisation of these efficiencies are factored in to the companies' operational forecasts and plans.</li> </ul>	<p><b>This option does not meet the following objectives of the business case:</b></p> <ul style="list-style-type: none"> <li>Does not consolidate information, enabling consistent state-wide analytics and business processes.</li> <li>Does not improve the efficiency and accuracy of regulated reporting obligations (incl. RINs).</li> <li>Does not leverage the capability of the new Enterprise Intelligence Platform for improved network operation and asset management processes.</li> <li>Does not enable business process efficiency through availability of simulation, business scenario analysis and trend identification.</li> <li>Does not support continuous improvement of operations and safety risk mitigation through state-wide root cause and defect analysis.</li> <li>Does not provides agility responding to regulatory, compliance &amp; technology changes.</li> <li>Does not enable self-serve information and story board scenarios.</li> </ul> <p>Furthermore, this option still involves material expenditure on information management. <b>Therefore, as with Option 1, it carries the following additional disadvantage:</b></p> <ul style="list-style-type: none"> <li>Information repositories and data management techniques continue to evolve rapidly. Therefore investments in this capability may have a shorter life than other ICT systems. Nevertheless, the value of the capability for business efficiency outweigh this disadvantage. These efficiencies are appropriately factored into the companies' operational forecasts and plans.</li> </ul>	<p><b>This option does not meet any of the business case objectives:</b></p> <ul style="list-style-type: none"> <li>Does not achieve supportability and sustainability of core business processes.</li> <li>Does not consolidate information, enabling state-wide analytics and business processes.</li> <li>Does not sustain the companies' advanced analytics capability as data volumes increase.</li> <li>Does not improve the efficiency and accuracy of regulated reporting obligations (incl. RINs).</li> <li>Does not leverage the Enterprise Intelligence Platform.</li> <li>Does not leverage the opportunity to overlay and analyse information sets for improved investment planning and service delivery.</li> <li>Does not enable business process efficiency through availability of simulation, business scenario analysis and trend identification.</li> <li>Does not support continuous improvement of operations and safety risk mitigation through state-wide root cause and defect analysis.</li> <li>Does not meet community "open data" expectations through provision of information.</li> <li>Does not provide agility in responding to compliance and technology changes.</li> <li>Does not enable a data storage and delivery model that suits the analysis to be performed.</li> <li>Does not enables self-serve information and story board scenarios.</li> </ul> <p><b>This option does not support the forecast Energy Queensland 10% reduction in indirect costs and 3% improvement in program of works labour costs.</b> This will impact the companies' FY26-30 revenue requirements, resulting in a negative price outcome for customers.</p>

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Key Identified Risks	Option 1 – Proceed with the Consolidation of Information Repositories (Preferred Option)	Option 2 – Renew the Existing Disparate Information Repositories	Option 3 – Do Minimal
	<p>As the "preferred option", a specific implementation risk assessment is detailed in section 10.2. Key amongst these risks are:</p> <ul style="list-style-type: none"> <li>• Resource capacity and availability - mitigated through use of market provisioned services and established practices, tools and techniques.</li> <li>• Energex / Ergon Energy alignment - mitigated through current work practice alignment focus, with recognition that some differences in Energex and Ergon Energy's respective operating environments exist.</li> </ul>	<p>Similar to Option 1, this option involves substantial investment in information repositories and tooling. Therefore the risks are similar as follows:</p> <ul style="list-style-type: none"> <li>• Resource capacity and availability - mitigated through use of market provisioned services and established practices, tools and techniques.</li> </ul> <p>Also, the following additional risk exist for this option:</p> <ul style="list-style-type: none"> <li>• Continued development of disparate Energex and Ergon Energy information repositories and tooling is not supported by the merged business structure of Energy Queensland and the newly aligned business processes of the group. Therefore the value derived from future investments in information are reduced.</li> </ul>	 <p>See the organisational risk assessment in section 10.1 for information.</p>

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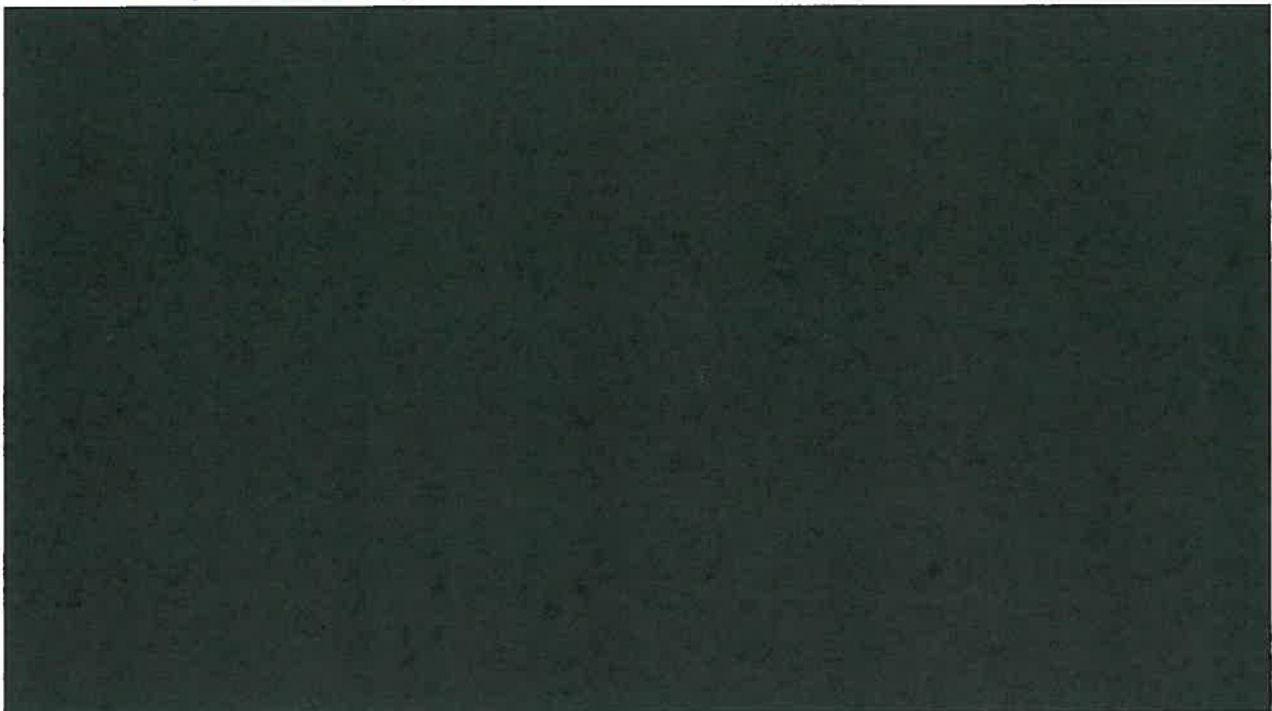
## 6. PREFERRED OPTION

“Option 1 - Proceed with the Consolidation of Information Repositories” is the preferred option, as it meets all the business case objectives, it is aligned with Energy Queensland’s strategic objectives and is consistent with Energex and Ergon Energy’s obligations under the National Electricity Rules. This option also supports realisation of Energy Queensland’s forecast 10% reduction in indirect costs and 3% improvement in program of work labour costs.

“Option 2 - Renew the Existing Disparate Information Repositories” is viable but requires duplication of costs across the two distributors, with less opportunity for process improvement.

“Option 3 - Do minimal” defers renewal of the companies’ legacy information repositories and tooling. It therefore represents a material risk to the companies’ continued delivery of their regulatory and service delivery obligations.

### 6.1. Delivery Timeline and Approach



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## 7. INVESTMENT BENEFITS OVERVIEW

This section outlines the benefits associated with the investment. This business case has currently been analysed to a “Preliminary Gate 2” level. As such, the benefits will be further detailed, tested, and verified in preparation of the Gate 3 business case prior to investment.

This initiative is primarily an ICT Asset Replacement of legacy systems, required to ensure the ongoing sustainability, supportability and security of business critical capability. Energy Queensland will leverage the opportunity associated with this ICT replacement to also enable planned productivity improvements, resulting in a forecast 10% reduction in indirect costs and a 3% improvement in program of works labour costs. The benefits listed below represent contributions to the overall Energy Queensland productivity improvement targets.

### 7.1. Financial and Other Benefits

Area	Benefits Identified	Value
Financial Benefits		
Reporting & Analysis	Alignment and simplification of data collation and analysis across Energex and Ergon Energy.	
	Simplification of RIN reporting and internal review / verification.	
Asset Management	Optimisation of asset maintenance through effective condition assessment and defect / failure mode analysis.	
Other Benefits		
Asset Management	Network asset management process improvement, leveraging the capability of the Enterprise Intelligence Platform (including the high speed analysis and reporting capability of SAP HANA).	Continuous Improvement
	Improved investment planning leveraging the opportunities associated with the overlay and analysis of third party information sets.	
Information Management	Sustainment of the companies’ existing advanced analytics capability as data volumes increase.	Sustainment
Safety & Risk	Continuous improvement in safety risk mitigation through efficient and effective root cause analysis.	Risk Mitigation
Stakeholder	Meet community “open data” expectations through provision of timely, accurate and secure information regarding Energex and Ergon Energy’s distribution service.	Community
Compliance	Agility in responding to ongoing regulatory, compliance and technology changes, building upon the companies’ information intelligence architecture.	Compliance



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## 8. FINANCIAL ANALYSIS

### 8.1. Scope of Costs

The table below summarises the potential cost inclusions to deliver the outcomes described in this business case.

Phase	Description / Rationale
<b>All Phases</b>	Project management
	Project support
	Internal corporate logistics / overheads
	Communications and engagement
	Review and assurance (excluding normal Internal Audit functions)
<b>Planning &amp; Procurement Phase</b>	Tender facilitation, probity management and legals
	Gate 3 business case development
	Development of planning deliverables (e.g. PMP, Stakeholder and Communications Plan etc)
	Software licences, hardware purchases, cloud services procurement
<b>Design Phase</b>	Software, infrastructure and information design
	Data profiling and migration design
	Solution architecture
	Integration design
	Business process design
	Organisational change design and change management planning
<b>Build, Integrate, Test and Deploy Phase</b>	Data migration and ETL (Extract, Transform, Load) build
	Data migration execution (incl. Trial Migrations, Dress Rehearsals, Verification etc)
	Software, infrastructure and environment configuration
	Integration build
	Business process design and organisational change implementation
	Testing (incl. information consistency, capacity, performance and load, security etc)
	Training
	Production deployment
<b>Warranty Phase</b>	Post implementation operational support
	Transition to business-as-usual (BAU) support
	Post implementation review

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## 8.2. Cost Assumptions

The table below summarises the key cost assumptions for the initiative.

#	Assumption	Description / Rationale
1	Project phasing and deployment	<p>The initiative will be delivered over a 1½ year elapsed period with an up-front design phase followed by multiple deployments. The deployment plan will be structured with consideration of:</p> <ul style="list-style-type: none"><li>• Alignment with other dependent initiatives.</li><li>• Sequencing to maximise business performance benefit.</li><li>• Intention to progressively transition the Energex and Ergon Energy datasets to the new common target state, recognising the disparate starting points of the two companies.</li></ul>
2	Use of market services	<p>The initiative will be delivered through a team comprising internal subject matter experts and external solution delivery specialists, to ensure project cost efficiency and mitigation of project risk.</p>
3	Energex and Ergon Energy costs	<p>The project costs for Energex and Ergon Energy are consistent with the effort and complexity of consolidating and replacing the companies' respective existing capability for transition to the target state.</p>
4	Option 2 (Renew the Existing Disparate Information Repositories)	
5	Option 3 (Do minimal)	

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## 8.3. Financial Summary<sup>2</sup>

### 8.3.1 Energex Option Comparison




### 8.3.2 Ergon Energy Option Comparison



### 8.3.3 Energex Expenditure Summary (Option 1 – Preferred)



### 8.3.4 Ergon Energy Expenditure Summary (Option 1 – Preferred)



## 8.4. NPV Calculation Parameters

The above NPV and financial calculations are based on the following parameters.

- The Energy Queensland Net Present Value (NPV) model has been used to calculate the NPV calculations for this business case.
- The financial analysis period has been based over a 10 year period after an 18 month phased implementation period.
- 5.40% Regulated Rate of Return/WACC is applied with present values discounted to FY17/18.

<sup>2</sup> Bracketed figures indicate negative values.



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## 9. PROGRAM DELIVERY

### 9.1. Program Governance & Delivery

The governance and delivery model depicted in Figure 4 (below) is planned to be used for delivery of the initiative.

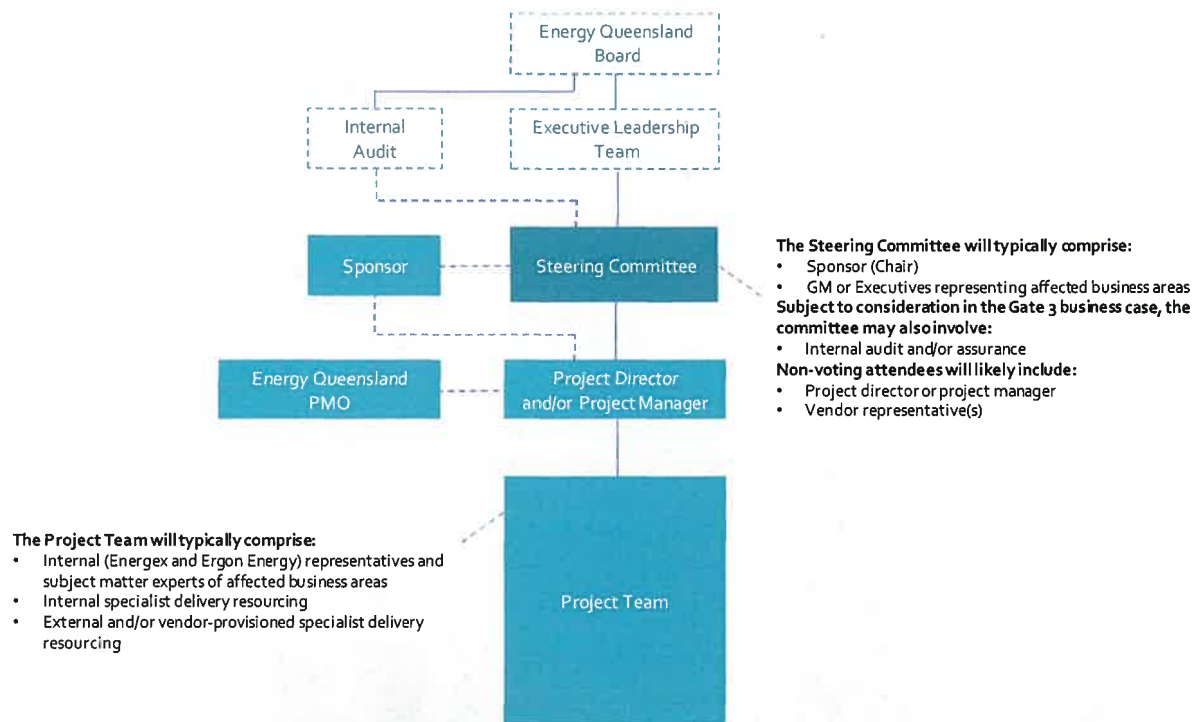


Figure 4 Governance and delivery model

Role	Key Accountabilities
<b>Steering Committee</b>	<p>Provides a single point of accountability for delivery of the initiative in accordance with the business case, as well as decision making aligned with strategic directions of the company. The committee governs the initiative with appropriate balance between delivered outcomes (time, fitness for purpose, cost), risk, business impact and enabled business value.</p> <p><b>Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Attend and be an active participant in committee meetings</li> <li>• Foster positive communications outside of the committee regarding the initiative</li> <li>• Be the voice of the initiative, including communications where appropriate to the Group Executive, Energy Queensland Board and other key stakeholders</li> <li>• Review and approve/reject any request for change (change requests) to the agreed scope, budget, schedule or deliverables.</li> <li>• Ensure all approved change requests align with the program objectives</li> <li>• Ensure program quality outcomes are balanced with other competing priorities</li> <li>• Review each completed phase (or defined stages or gates) and provide go/no-go direction after consideration of quality, risk, cost and schedule</li> <li>• Undertake a Post Implementation Review (PIR)</li> <li>• Ensure the appropriate independent auditing and review of the program is undertaken at the logical stage gates of the program</li> </ul>

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Role	Key Accountabilities
<b>Sponsor</b>	<p>The Sponsor is accountable for delivering the business value enabled by the initiative and meeting the objectives set through the business case.</p> <p><b>Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Oversee development of the business case</li> <li>• Oversee development of the project management plan (PMP) working closely with the Project Director</li> <li>• Monitor and advise on delivery outcomes working closely with the Project Director and/or Project Manager</li> <li>• Ensure that any proposed changes of scope, cost or delivery timeline are checked against possible impacts to program benefits</li> <li>• Approve Change Requests within delegated authority levels</li> <li>• Ensure Change Requests have been endorsed by all impacted parties (Business Change, Design, Delivery, Finance, BAU)</li> <li>• Brief Executives and Board on program progress</li> <li>• Ensure that the benefits realisation plan is realistic and achievable</li> </ul>
<b>Project Director and/or Project Manager</b>	<p>The Project Director and/or Project Manager has responsibility for the delivery of the overall initiative while maintaining the balance of competing priorities and alignment with initiative objectives as specified in the business case and as directed by the Steering Committee.</p> <p><b>Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Deliver the overall initiative outcomes</li> <li>• Agree delivery strategies with the Sponsor and the Steering Committee</li> <li>• Develop the PMP and oversee specification of all initiative deliverables including assessment of interdependencies and appropriate sequencing across the initiative</li> <li>• Manage development of the communications plan and ongoing communications with guidance and feedback from key stakeholders</li> <li>• Manage mobilisation of the initiative, including resource provision and procurement</li> <li>• Oversee technical delivery of solution design, development, implementation, integration, testing and data conversion</li> <li>• Oversee the delivery of training, deployment, organisational change management and business process re-engineering</li> <li>• Resolve all issues concerning project plans, schedules, budgets, risks and issues as they relate to the initiative</li> <li>• Manage cross-project dependencies, scope and resourcing issues</li> <li>• Ensures audit feedback is actioned in a timely, verifiable manner and validated</li> </ul>
<b>Program Management Office</b>	<p>The Program Management Office is a centralised Energy Queensland business function which provides coordination, standards, administrative support and end-to-end reporting for Energex and Ergon Energy's business transformational and ICT initiatives.</p> <p><b>Responsibilities</b></p> <ul style="list-style-type: none"> <li>• Provide a central repository and framework for all program and project issues and risks</li> <li>• Co-ordinate and manage all project plans under guidance from the Project Managers and/or Project Directors</li> <li>• Overall program / project risk mitigation management</li> <li>• Overall program / project issue management</li> <li>• Program financial tracking and reporting</li> <li>• Deliverables monitoring</li> <li>• Program key performance monitoring and reporting</li> </ul>

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Role	Key Accountabilities
<b>Project Team Members</b>	<p>The Project Team undertakes the core delivery of the project under direction of the Project Director and/or Project Manager. The team typically comprises internal representatives and subject matter experts of affected business areas as well as internal and vendor-provisioned delivery resourcing.</p> <p><b>Responsibilities</b></p> <ul style="list-style-type: none"><li>• Develop and deliver assigned project deliverables</li><li>• Identify issues and record, monitor and report status</li><li>• Manage issues with appropriate actions</li><li>• Escalate issues as required</li><li>• Attend reference groups and other forums as required</li></ul>

## 9.2. Stakeholder Management

The following tables summarise the key internal and external stakeholders for the investment. A detailed stakeholder management plan will be developed as part of delivery planning for the initiative.

### 9.2.1 Key Internal Stakeholders

Stakeholder	Interest
Energy Queensland Executive Leadership Team (ELT) and Board	Operational performance reporting and dashboarding (including KPI reporting) for effective business management and risk/issue mitigation.
Energex & Ergon Energy Business Unit leaders	Availability of accurate and timely information, for monitoring and management of operation processes and informed decision making.
Reporting and analysis staff	Effectiveness of information reporting and tooling to deliver the reporting required for business operations and analytics to improve business performance.

### 9.2.2 Key External Stakeholders

Stakeholder	Interest
Regulators	Accuracy and timeliness of regulatory reporting (including RINs).
Community	Reasonable and expected "open data" access to timely, accurate and secure information regarding Energex and Ergon Energy's distribution service.



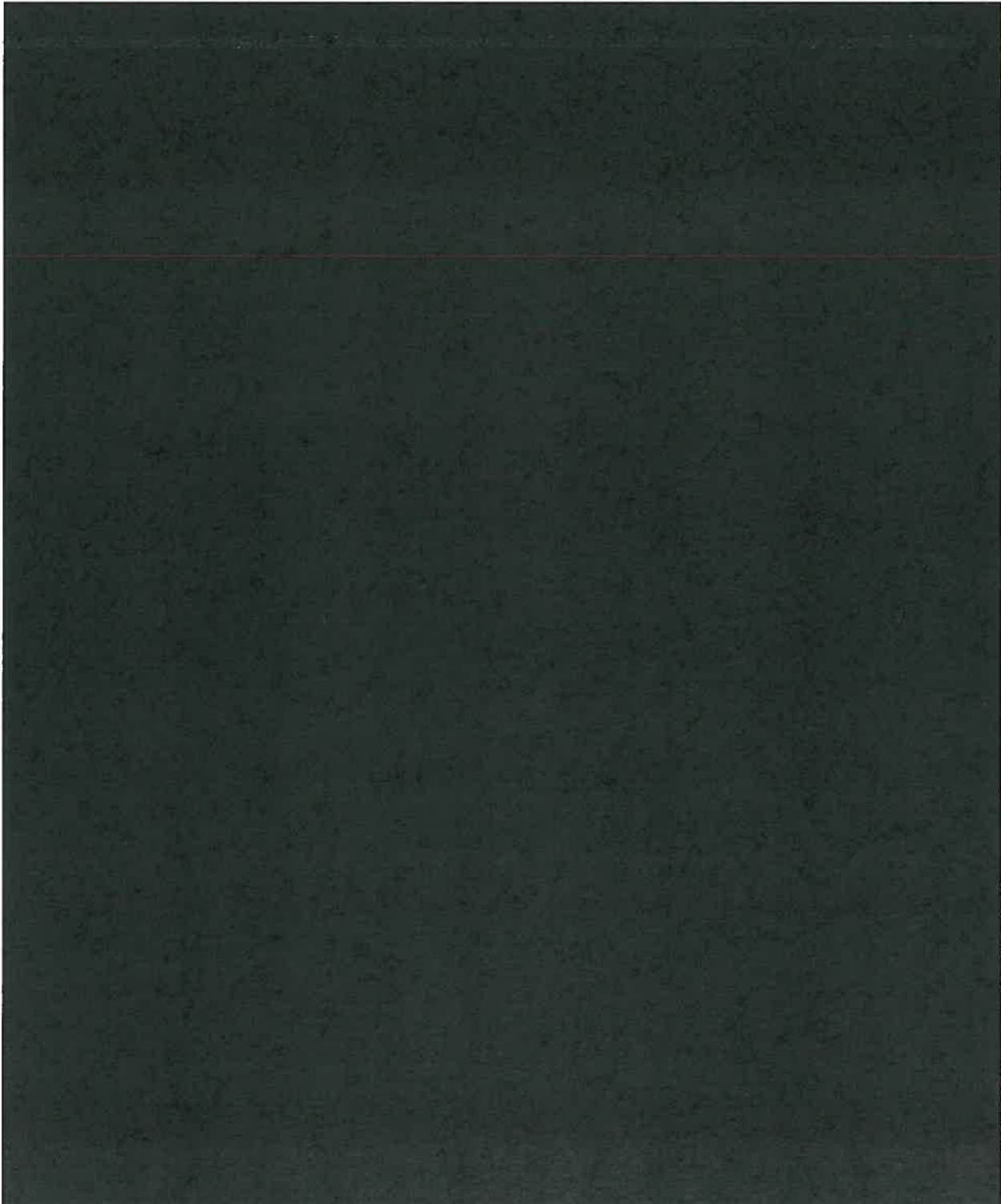
# Preliminary Gate 2 Business Case

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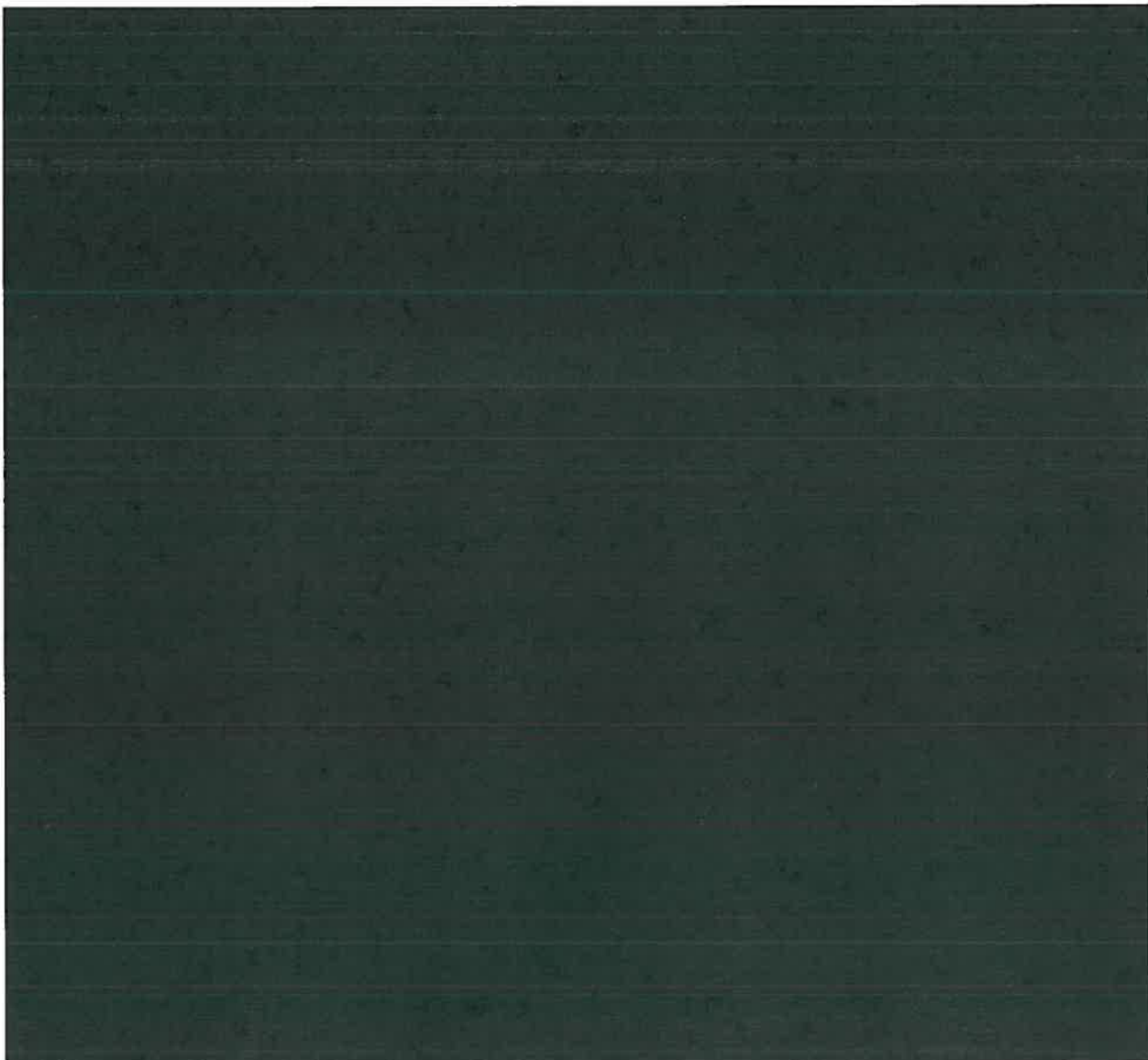
## 10. RISK ASSESSMENT

### 10.1. Organisational Risk Assessment



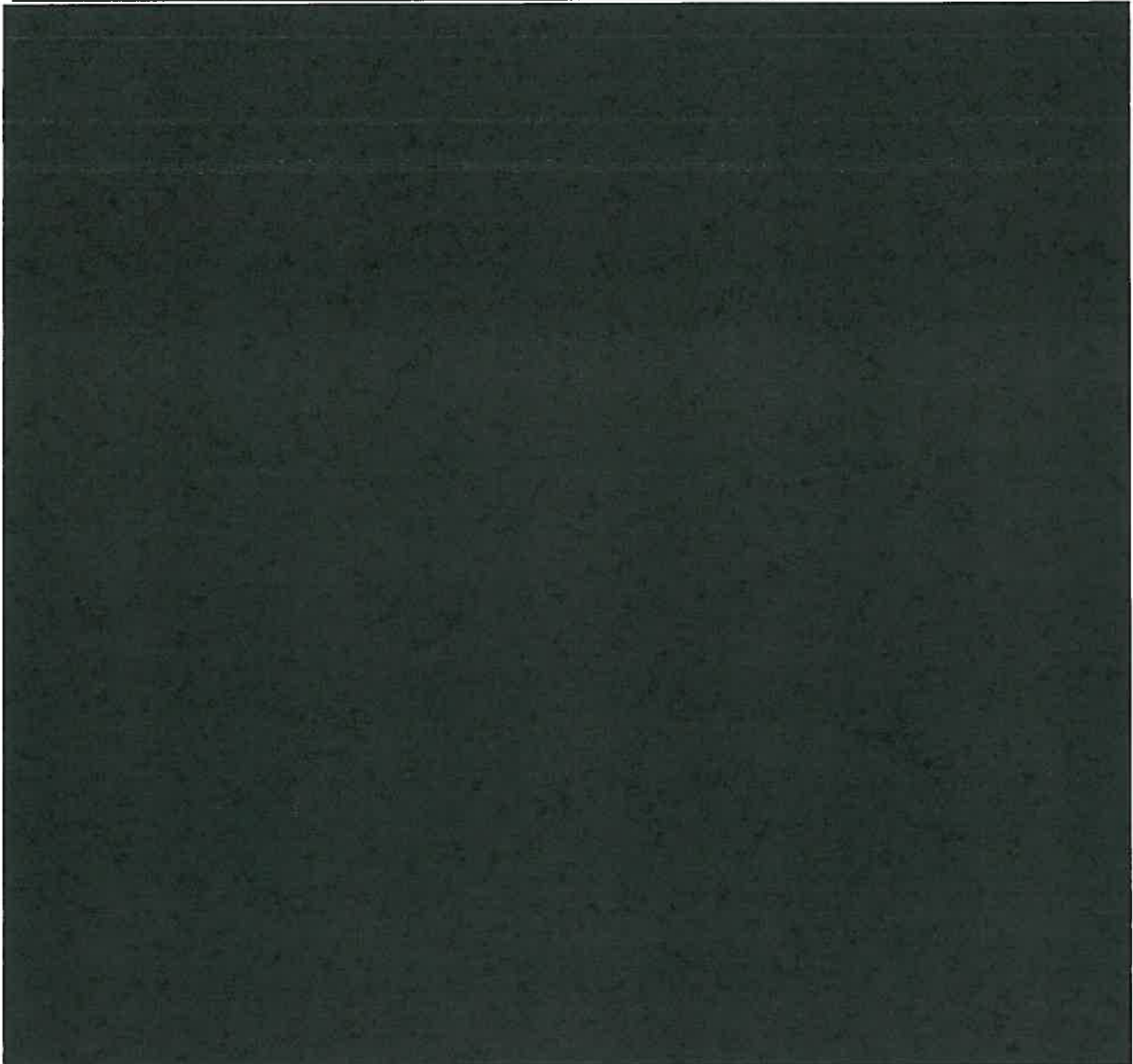
# Preliminary Gate 2 Business Case

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# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Renewal



## 10.2. Preliminary Implementation Risk Assessment

This section provides a preliminary assessment of the key implementation risks of the preferred investment option. These risks will be managed and mitigated by standard program controls and therefore have significantly reduced likelihood of occurring.

Risk Description	Inherent risk	Planned Mitigation	Residual risk
<b>Risk 1. Resource capacity and availability</b> The initiative requires mobilisation of a skilled delivery team comprising internal subject matter experts and external solution delivery specialists. The required internal subject matter experts may be limited in capacity due to other initiatives and organisational change. Availability of required external solution delivery specialists is dependent on the capacity of the market.	Moderate	Continue to perform prudent program management planning to minimise internal resourcing conflicts, ensuring adequate capacity is committed to each initiative prior to delivery. Also prior to delivery, verify the availability of external solution delivery expertise through market procurement processes.	Low
<b>Risk 2. Energex / Ergon Energy alignment</b> Given Energex and Ergon Energy's disparate legacy processes and information holdings, it may prove difficult to achieve the intended alignment and synergy in the target Enterprise Information Platform models.	Moderate	Through the establishment of Energy Queensland, Energex and Ergon Energy business units are working methodically to align work practices and procedures for state-wide efficiency and best practice. In some instances, differences in Energex and Ergon Energy's respective distribution service areas and network topologies may necessitate alternative information modelling. However this represents a relative minority of information sets.	Low

## 11. CHANGE IMPACTS

The below section details the potential impacts to occur across the Energy Queensland environment during and after the implementation of this investment.

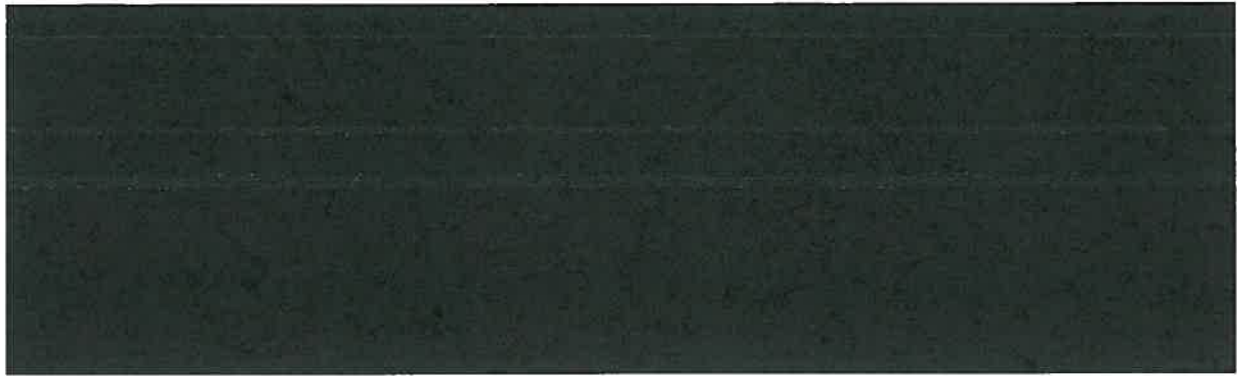
### 11.1. System Impacts





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## 11.2. People & Process Impacts



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## APPENDIX A - Information Repository Domains

### A.1 Energex Legacy Information Repository Domains

Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Customer	EX - Billing	Customer Account Event	No	Yes
EX - Customer	EX - Billing	Customer Billing	No	Yes
EX - Customer	EX - Billing	Customer Financials	No	Yes
EX - Customer	EX - Billing	Customer Performance Measure	No	Yes
EX - Customer	EX - Billing	Service Order Charges and Costs	No	Yes
EX - Customer	EX - Billing	Service Request Charges and Costs	No	Yes
EX - Customer	EX - Billing	Services	No	Yes
EX - Customer	EX - Customer Contact	Customer Account Communication	No	Yes
EX - Customer	EX - Customer Contact	Customer Event	No	Yes
EX - Customer	EX - Customer Contact	Customer Issue	No	Yes
EX - Customer	EX - Customer Contact	Feedback	No	Yes
EX - Customer	EX - Customer Contact	Interactive Voice Recording	No	Yes
EX - Customer	EX - Customer Contact	Marketing Campaign	No	Yes
EX - Customer	EX - Customer Contact	Service Order	No	Yes
EX - Customer	EX - Customer Contact	Service Order Activity	No	Yes
EX - Customer	EX - Customer Contact	Service Request	No	Yes
EX - Customer	EX - Customer Contact	Service Request Activity	No	Yes
EX - Customer	EX - Customer Contact	Tariff Marketing	No	Yes
EX - Customer	EX - Customer Contact	Tariff Programs and Promotions	No	Yes
EX - Customer	EX - Customer Details	Customer Account	No	Yes
EX - Customer	EX - Customer Details	Customer Account Relationships	No	Yes

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Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Customer	EX - Customer Details	Customer Identification	No	Yes
EX - Customer	EX - Customer Details	Customer Location	No	Yes
EX - Customer	EX - Customer Details	Customer Relationships	No	Yes
EX - Customer	EX - Stakeholder	Individual Party	No	Yes
EX - Customer	EX - Stakeholder	Legal Entity	No	Yes
EX - Customer	EX - Stakeholder	Legal Entity Relationships	No	Yes
EX - Customer	EX - Stakeholder	Organisation	Yes	No
EX - Finance	EX - Accounts	Accounts Payable Invoice	Yes	No
EX - Finance	EX - Accounts	Accounts Payable Payment	Yes	No
EX - Finance	EX - Accounts	Accounts Receivable Creditor Event	Yes	No
EX - Finance	EX - Accounts	Financial Account	Yes	No
EX - Finance	EX - Accounts	Financial Account Relationships	Yes	No
EX - Finance	EX - Accounts	Financial Account Transaction	Yes	No
EX - Finance	EX - Budgets and Forecasts	Financial Budget Identification	No	Yes
EX - Finance	EX - Budgets and Forecasts	Financial Budget Item	No	Yes
EX - Finance	EX - Financial Performance	Financial Performance Measure	Yes	No
EX - Finance	EX - Financial Performance	Financial Statement	Yes	No
EX - Finance	EX - Financial Performance	Financial Statement Audit	Yes	No
EX - Finance	EX - Financial Performance	Financial Statement Basis	Yes	No
EX - Finance	EX - Financial Performance	Financial Statement Line	Yes	No
EX - Finance	EX - Financial Performance	Measurement	No	Yes
EX - Finance	EX - Financial Performance	Measurement Area	No	Yes
EX - Finance	EX - Fixed Assets	Financial Currency	Yes	No
EX - Finance	EX - Fixed Assets	Fixed Asset Acquisition	Yes	No
EX - Finance	EX - Fixed Assets	Fixed Asset Assignment	Yes	No



# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Finance	EX - Fixed Assets	Fixed Asset Depreciation	Yes	No
EX - Finance	EX - Fixed Assets	Fixed Asset Disposal	Yes	No
EX - Finance	EX - Fixed Assets	Fixed Asset Event	Yes	No
EX - Finance	EX - Fixed Assets	Fixed Asset Identification	Yes	No
EX - Finance	EX - Fixed Assets	Fixed Asset Payback	No	Yes
EX - Finance	EX - Fixed Assets	Fixed Asset Valuation	Yes	No
EX - Geography and Location	EX - Climate and Weather	Climatic Environment	No	Yes
EX - Geography and Location	EX - Location	Address	No	Yes
EX - Geography and Location	EX - Location	Locality	No	Yes
EX - Geography and Location	EX - Location	Location	No	Yes
EX - Geography and Location	EX - Location	Location Address	No	Yes
EX - Geography and Location	EX - Location	Location Relationships	No	Yes
EX - Geography and Location	EX - Location	Location Spatial Reference	No	Yes
EX - Geography and Location	EX - Location	Service Location	No	Yes
EX - Geography and Location	EX - Location	Service Location Relationships	No	Yes
EX - Geography and Location	EX - Location	Service Property (Premise)	No	Yes
EX - Network and Energy	EX - Network Assets	Asset Condition	Yes	No
EX - Network and Energy	EX - Network Assets	Asset Identification	Yes	No



# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Network and Energy	EX - Network Assets	Asset Inspection	Yes	No
EX - Network and Energy	EX - Network Assets	Asset Inspection Location	Yes	No
EX - Network and Energy	EX - Network Assets	Asset Location	Yes	No
EX - Network and Energy	EX - Network Assets	Asset Performance Measure	Yes	No
EX - Network and Energy	EX - Network Assets	Network Asset	Yes	No
EX - Network and Energy	EX - Network Assets	Scheduled Task	Yes	No
EX - Network and Energy	EX - Network Communications	Telecommunication Bearer	No	Yes
EX - Network and Energy	EX - Network Communications	Telecommunication Network Component	No	Yes
EX - Network and Energy	EX - Network Communications	Telecommunication Network Component Relationships	No	Yes
EX - Network and Energy	EX - Network Communications	Telecommunication Service	No	Yes
EX - Network and Energy	EX - Network Components	Cross Section	No	Yes
EX - Network and Energy	EX - Network Components	Cross Section Relationships	No	Yes
EX - Network and Energy	EX - Network Components	Defect	No	Yes
EX - Network and Energy	EX - Network Components	Electrical Line	No	Yes
EX - Network and Energy	EX - Network Components	Electrical Line Relationships	No	Yes
EX - Network and Energy	EX - Network Components	Electrical Rating	No	Yes
EX - Network and Energy	EX - Network Components	Electrical Switch	No	Yes
EX - Network and Energy	EX - Network Components	Feeder	Yes	No
EX - Network and Energy	EX - Network Components	Feeder Relationships	Yes	No
EX - Network and Energy	EX - Network Components	Generator	Yes	No
EX - Network and Energy	EX - Network Components	Line Support Structure	No	Yes
EX - Network and Energy	EX - Network Components	Measurement Device	No	Yes
EX - Network and Energy	EX - Network Components	Measurement Device Element	No	Yes
EX - Network and Energy	EX - Network Components	Measurement Device Model	No	Yes

# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Network and Energy	EX - Network Components	Measurement Device Relationships	No	Yes
EX - Network and Energy	EX - Network Components	Measurement Device Security	No	Yes
EX - Network and Energy	EX - Network Components	Measurement Device Site	No	Yes
EX - Network and Energy	EX - Network Components	Monitoring Device	No	Yes
EX - Network and Energy	EX - Network Components	National Metering Identifier	No	Yes
EX - Network and Energy	EX - Network Components	Network Component	Yes	No
EX - Network and Energy	EX - Network Components	Network Component Condition	Yes	No
EX - Network and Energy	EX - Network Components	Network Component Condition Sample	Yes	No
EX - Network and Energy	EX - Network Components	Network Component Condition Sample Test	Yes	No
EX - Network and Energy	EX - Network Components	Network Component Container	No	Yes
EX - Network and Energy	EX - Network Components	Network Component Container Relationships	No	Yes
EX - Network and Energy	EX - Network Components	Network Component Defect	No	Yes
EX - Network and Energy	EX - Network Components	Network Component Lifecycle	No	Yes
EX - Network and Energy	EX - Network Components	Network Component Location	Yes	No
EX - Network and Energy	EX - Network Components	Network Component Model	No	Yes
EX - Network and Energy	EX - Network Components	Network Component Model Relationships	No	Yes
EX - Network and Energy	EX - Network Components	Network Component Reading	No	Yes
EX - Network and Energy	EX - Network Components	Network Component Relationships	Yes	No
EX - Network and Energy	EX - Network Components	Network Identification	Yes	No
EX - Network and Energy	EX - Network Components	Network Relationships	Yes	No
EX - Network and Energy	EX - Network Components	Protection	No	Yes
EX - Network and Energy	EX - Network Components	Streetlight	No	Yes
EX - Network and Energy	EX - Network Components	Substation Site	No	Yes



# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Network and Energy	EX - Network Components	TNI Point	No	Yes
EX - Network and Energy	EX - Network Components	Transformer	No	Yes
EX - Network and Energy	EX - Network Components	Transmission Node Identifier	No	Yes
EX - Network and Energy	EX - Network Components	Wire	No	Yes
EX - Network and Energy	EX - Network Operations	Load Measurement	No	Yes
EX - Network and Energy	EX - Network Operations	Major Event	No	Yes
EX - Network and Energy	EX - Network Operations	Measurement Device Event	No	Yes
EX - Network and Energy	EX - Network Operations	Measurement Device Reading	No	Yes
EX - Network and Energy	EX - Network Operations	Measurement Device System	No	Yes
EX - Network and Energy	EX - Network Operations	Network Event Identification	No	Yes
EX - Network and Energy	EX - Network Operations	Network Event Relationships	No	Yes
EX - Network and Energy	EX - Network Operations	Outage Communication	No	Yes
EX - Network and Energy	EX - Network Operations	Outage Identification	No	Yes
EX - Network and Energy	EX - Network Operations	Outage Relationships	No	Yes
EX - Network and Energy	EX - Network Operations	Outage Segmentation	No	Yes
EX - Network and Energy	EX - Network Operations	SCADA Element	No	Yes
EX - Network and Energy	EX - Network Operations	Territory	No	Yes
EX - Physical Resources	EX - Contract Management	Contract Identification	Yes	No
EX - Physical Resources	EX - Contract Management	Contract Item	Yes	No
EX - Physical Resources	EX - Contract Management	Contract Scope	Yes	No
EX - Physical Resources	EX - Contract Management	Supplier Contract Performance Measure	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Balance	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Identification	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Location	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Lot	Yes	No

# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Physical Resources	EX - Inventory	Inventory Pick	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Receipt	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Relationships	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Shipment	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Stock Count	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Storage Requirement	Yes	No
EX - Physical Resources	EX - Inventory	Inventory Transaction	Yes	No
EX - Physical Resources	EX - Inventory	Supply Chain Performance Measure	Yes	No
EX - Physical Resources	EX - Procurement	Manufacturer Identification	Yes	No
EX - Physical Resources	EX - Procurement	Procurement Contract	Yes	No
EX - Physical Resources	EX - Procurement	Procurement Item Identification	Yes	No
EX - Physical Resources	EX - Procurement	Procurement Item Requisition	Yes	No
EX - Physical Resources	EX - Procurement	Procurement Item Supplier	Yes	No
EX - Physical Resources	EX - Procurement	Supplier Audit	Yes	No
EX - Physical Resources	EX - Procurement	Supplier Contacts	Yes	No
EX - Physical Resources	EX - Procurement	Supplier Identification	Yes	No
EX - Physical Resources	EX - Purchasing	Order	No	Yes
EX - Physical Resources	EX - Purchasing	Order Line	No	Yes
EX - Physical Resources	EX - Purchasing	Order Payment	No	Yes
EX - Physical Resources	EX - Purchasing	Order Relationships	No	Yes
EX - Physical Resources	EX - Purchasing	Order Transaction	No	Yes
EX - Physical Resources	EX - Purchasing	Purchase Order	Yes	No
EX - Physical Resources	EX - Purchasing	Purchase Order Item	Yes	No
EX - Physical Resources	EX - Purchasing	Purchase Order Relationships	Yes	No
EX - Physical Resources	EX - Purchasing	Purchase Order Shipment	Yes	No



# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Physical Resources	EX - Purchasing	Purchase Order Transaction	Yes	No
EX - Program of Work Management	EX - Planning and Availability	Resource	Yes	No
EX - Program of Work Management	EX - Planning and Availability	Resource Availability and Demand	Yes	No
EX - Program of Work Management	EX - Planning and Availability	Roster	Yes	No
EX - Program of Work Management	EX - POW Performance	Work Performance Measure	Yes	No
EX - Program of Work Management	EX - Program and Project	Deliverable	Yes	No
EX - Program of Work Management	EX - Program and Project	Program	Yes	No
EX - Program of Work Management	EX - Program and Project	Program Activity	Yes	No
EX - Program of Work Management	EX - Program and Project	Program Evaluation	Yes	No
EX - Program of Work Management	EX - Program and Project	Program Monitoring	Yes	No
EX - Program of Work Management	EX - Program and Project	Program of Work Product	Yes	No
EX - Program of Work Management	EX - Program and Project	Project	Yes	No
EX - Program of Work Management	EX - Program and Project	Project Financials	Yes	No
EX - Program of Work Management	EX - Program and Project	Project Milestone and Deliverable	Yes	No
EX - Program of Work Management	EX - Program and Project	Project Phase	Yes	No

# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Program of Work Management	EX - Program and Project	Project Plan Task	No	Yes
EX - Program of Work Management	EX - Program and Project	Project Relationships	Yes	No
EX - Program of Work Management	EX - Program and Project	Task	No	Yes
EX - Program of Work Management	EX - Program and Project	Task Deliverable	No	Yes
EX - Program of Work Management	EX - Program and Project	Task Document	No	Yes
EX - Program of Work Management	EX - Program and Project	Task Item	No	Yes
EX - Program of Work Management	EX - Program and Project	Task Relationships	No	Yes
EX - Program of Work Management	EX - Standards and Job Estimates	Compatible Unit	Yes	No
EX - Program of Work Management	EX - Standards and Job Estimates	Work Estimate	Yes	No
EX - Program of Work Management	EX - Work	Authorisation	Yes	No
EX - Program of Work Management	EX - Work	Vegetation	No	Yes
EX - Program of Work Management	EX - Work	Work Crew	No	Yes
EX - Program of Work Management	EX - Work	Work Event Result	No	Yes
EX - Program of Work Management	EX - Work	Work Group	Yes	No

# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Program of Work Management	EX - Work	Work Order	Yes	No
EX - Program of Work Management	EX - Work	Work Order Task	Yes	No
EX - Program of Work Management	EX - Work	Work Request	Yes	No
EX - Program of Work Management	EX - Work	Workforce Costs	Yes	No
EX - Safety	EX - Action Management	Safety Action Identification	Yes	No
EX - Safety	EX - Action Management	Safety Action Tracking	Yes	No
EX - Safety	EX - Audits and Investigations	Risk Action	No	Yes
EX - Safety	EX - Audits and Investigations	Risk Assessment	No	Yes
EX - Safety	EX - Audits and Investigations	Risk Consequence	No	Yes
EX - Safety	EX - Audits and Investigations	Risk Control	No	Yes
EX - Safety	EX - Audits and Investigations	Risk Identification	No	Yes
EX - Safety	EX - Audits and Investigations	Risk Rating	No	Yes
EX - Safety	EX - Incidents and Injuries	Insurance Claim	No	Yes
EX - Safety	EX - Incidents and Injuries	Safety Hazard	Yes	No
EX - Safety	EX - Incidents and Injuries	Safety Incident Identification	Yes	No
EX - Safety	EX - Incidents and Injuries	Safety Incident Impact	Yes	No
EX - Safety	EX - Incidents and Injuries	Safety Incident Notification	Yes	No
EX - Safety	EX - Incidents and Injuries	Safety Injury Identification	Yes	No
EX - Safety	EX - Incidents and Injuries	Safety Lost Time	Yes	No
EX - Workforce	EX - Employee Performance	Employee Performance	Yes	No
EX - Workforce	EX - Employee Performance	Workforce Performance Measure	Yes	No
EX - Workforce	EX - Payroll	Employee Leave	Yes	No



# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Workforce	EX - Payroll	Employee Payroll	Yes	No
EX - Workforce	EX - Payroll	Employee Payroll Deduction/Allowance	Yes	No
EX - Workforce	EX - Payroll	Employee Payroll Rate	Yes	No
EX - Workforce	EX - Payroll	Employee Payroll Taxation	Yes	No
EX - Workforce	EX - Payroll	Employee Remuneration Plan	Yes	No
EX - Workforce	EX - Payroll	Employee Timesheet	Yes	No
EX - Workforce	EX - Payroll	Payroll	Yes	No
EX - Workforce	EX - People	Employee Associations	No	Yes
EX - Workforce	EX - People	Employee HR Event	Yes	No
EX - Workforce	EX - People	Employee Identification	Yes	No
EX - Workforce	EX - People	Employee Interests and Opinions	No	Yes
EX - Workforce	EX - People	Employee Personal Contact	Yes	No
EX - Workforce	EX - People	Employee Personal Information	Yes	No
EX - Workforce	EX - People	Employee Physical Aspects	Yes	No
EX - Workforce	EX - People	Employee Position	Yes	No
EX - Workforce	EX - People	Employee Segmentation	Yes	No
EX - Workforce	EX - People	User Authentication	Yes	No
EX - Workforce	EX - Roles and Positions	Position Authorities	Yes	No
EX - Workforce	EX - Roles and Positions	Position Duty	No	Yes
EX - Workforce	EX - Roles and Positions	Position Identification	Yes	No
EX - Workforce	EX - Roles and Positions	Position Relationships	Yes	No
EX - Workforce	EX - Training	Employee Tests	Yes	No
EX - Workforce	EX - Training	Employee Training	Yes	No
EX - Workforce	EX - Training	Role Training	Yes	No
EX - Workforce	EX - Training	Training Course	Yes	No



# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EX - Workforce	EX - Training	Training Session	Yes	No

# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



## A.2 Ergon Energy Legacy Information Repository Domains

Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EE - Business Management	EE - Contracts	Supplier Contract Performance Measure	Yes	No
EE - Business Management	EE - Corporate Risk	Risk Identification	No	Yes
EE - Business Management	EE - Performance Management	Measurement	No	Yes
EE - Business Management	EE - Performance Management	Measurement Area	No	Yes
EE - Customer	EE - Customer Interactions	Customer Account Communication	No	Yes
EE - Customer	EE - Customer Interactions	Service Order	No	Yes
EE - Customer	EE - Customer Interactions	Service Order Activity	No	Yes
EE - Customer	EE - Revenue Management	Customer Performance Measure	No	Yes
EE - Customer	EE - Revenue Management	Service Order Charges and Costs	No	Yes
EE - Finance	EE - Accounts	Financial Account	Yes	No
EE - Finance	EE - Accounts	Financial Account Relationships	Yes	No
EE - Finance	EE - Accounts	Financial Account Transaction	Yes	No
EE - Finance	EE - Budgets and Forecasts	Financial Budget Identification	No	Yes
EE - Finance	EE - Budgets and Forecasts	Financial Budget Item	No	Yes
EE - Finance	EE - Financial Assets	Financial Currency	Yes	No
EE - Finance	EE - Financial Performance	Financial Performance Measure	Yes	No
EE - Finance	EE - Financial Performance	Financial Statement	Yes	No
EE - Finance	EE - Financial Performance	Financial Statement Line	Yes	No
EE - Finance	EE - Investments	Financial Asset Product	No	Yes
EE - Geography and Location	EE - Location	Location	No	Yes
EE - Geography and Location	EE - Location	Location Relationships	No	Yes
EE - Geography and Location	EE - Meteorology	Climatic Environment	No	Yes
EE - Network and Energy	EE - Network Asset Management	Asset Identification	Yes	No
EE - Network and Energy	EE - Network Asset Management	Asset Location	Yes	No

# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EE - Network and Energy	EE - Network Asset Management	Asset Performance Measure	Yes	No
EE - Network and Energy	EE - Network Asset Management	Network Asset	Yes	No
EE - Network and Energy	EE - Network Components	Cross Section	No	Yes
EE - Network and Energy	EE - Network Components	Cross Section Relationships	No	Yes
EE - Network and Energy	EE - Network Components	Electrical Line	No	Yes
EE - Network and Energy	EE - Network Components	Electrical Switch	No	Yes
EE - Network and Energy	EE - Network Components	Energy Storage	No	Yes
EE - Network and Energy	EE - Network Components	Feeder	Yes	No
EE - Network and Energy	EE - Network Components	Feeder Relationships	Yes	No
EE - Network and Energy	EE - Network Components	Generator	Yes	No
EE - Network and Energy	EE - Network Components	Measurement Device Model	No	Yes
EE - Network and Energy	EE - Network Components	Measurement Device Site	No	Yes
EE - Network and Energy	EE - Network Components	Network Component	Yes	No
EE - Network and Energy	EE - Network Components	Network Component Relationships	Yes	No
EE - Network and Energy	EE - Network Components	Substation Site	No	Yes
EE - Network and Energy	EE - Network Components	Transformer	No	Yes
EE - Network and Energy	EE - Network Components	Wire	No	Yes
EE - Network and Energy	EE - Network Operations	Network Event Identification	No	Yes
EE - Network and Energy	EE - Network Operations	Network Event Relationships	No	Yes
EE - Network and Energy	EE - Network Operations	Outage Identification	No	Yes
EE - Network and Energy	EE - Network Operations	Outage Relationships	No	Yes
EE - Network and Energy	EE - Network Operations	Territory	No	Yes
EE - Network and Energy	EE - Network Performance	Major Event	No	Yes
EE - Network and Energy	EE - Network Performance	Outage Segmentation	No	Yes
EE - Safety	EE - Incident Management	Safety Action Identification	Yes	No



# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EE - Safety	EE - Incident Management	Safety Action Tracking	Yes	No
EE - Safety	EE - Incident Management	Safety Audit Identification	Yes	No
EE - Safety	EE - Incident Management	Safety Audit Outcome	Yes	No
EE - Safety	EE - Incident Management	Safety Audit Planning	Yes	No
EE - Safety	EE - Incident Management	Safety Hazard	Yes	No
EE - Safety	EE - Incident Management	Safety Hazard Alert	Yes	No
EE - Safety	EE - Incident Management	Safety Incident Identification	Yes	No
EE - Safety	EE - Incident Management	Safety Incident Impact	Yes	No
EE - Safety	EE - Incident Management	Safety Incident Notification	Yes	No
EE - Safety	EE - Incident Management	Safety Investigation	Yes	No
EE - Safety	EE - Injury Management	Safety Injury Compensation	Yes	No
EE - Safety	EE - Injury Management	Safety Injury Identification	Yes	No
EE - Safety	EE - Injury Management	Safety Injury Rehabilitation Plan	Yes	No
EE - Safety	EE - Injury Management	Safety Injury Rehabilitation Tracking	Yes	No
EE - Safety	EE - Injury Management	Safety Lost Time	Yes	No
EE - Stakeholder	EE - Products and Services	Services	No	Yes
EE - Stakeholder	EE - Stakeholder Relationships	Legal Entity	No	Yes
EE - Stakeholder	EE - Stakeholder Relationships	Organisation	Yes	No
EE - Supply Chain	EE - Inventory	Inventory Identification	Yes	No
EE - Supply Chain	EE - Inventory	Inventory Location	Yes	No
EE - Supply Chain	EE - Inventory	Inventory Storage Requirement	Yes	No
EE - Supply Chain	EE - Inventory	Supply Chain Performance Measure	Yes	No
EE - Supply Chain	EE - Procurement	Procurement Item Requisition	Yes	No
EE - Workforce	EE - Capabilities	Employee Training	Yes	No
EE - Workforce	EE - Capabilities	Training Session	Yes	No



# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EE - Workforce	EE - People	Employee Identification	Yes	No
EE - Workforce	EE - People	Employee Interests and Opinions	No	Yes
EE - Workforce	EE - People	Employee Personal Contact	Yes	No
EE - Workforce	EE - People	Employee Personal Information	Yes	No
EE - Workforce	EE - People	Employee Physical Aspects	Yes	No
EE - Workforce	EE - People	Employee Position	Yes	No
EE - Workforce	EE - People	Employee Segmentation	Yes	No
EE - Workforce	EE - Performance	Employee Performance	Yes	No
EE - Workforce	EE - Performance	Workforce Performance Measure	Yes	No
EE - Workforce	EE - Remuneration and Benefits	Employee Payroll Deduction/Allowance	Yes	No
EE - Workforce	EE - Remuneration and Benefits	Employee Payroll Rate	Yes	No
EE - Workforce	EE - Remuneration and Benefits	Employee Remuneration Plan	Yes	No
EE - Workforce	EE - Remuneration and Benefits	Employee Timesheet	Yes	No
EE - Workforce	EE - Remuneration and Benefits	Payroll	Yes	No
EE - Workforce	EE - Roles/Positions	Position Authorities	Yes	No
EE - Workforce	EE - Roles/Positions	Position Duty	No	Yes
EE - Workforce	EE - Roles/Positions	Position Identification	Yes	No
EE - Workforce	EE - Roles/Positions	Position Relationships	Yes	No
EE - Workforce	EE - Roles/Positions	Position Security	Yes	No
EE - Works	EE - Availability	Resource	Yes	No
EE - Works	EE - Estimates	Work Estimate	Yes	No
EE - Works	EE - Projects	Project	Yes	No
EE - Works	EE - Projects	Project Financials	Yes	No
EE - Works	EE - Projects	Project Milestone and Deliverable	Yes	No
EE - Works	EE - Projects	Project Relationships	Yes	No

# Preliminary Gate 2 Business Case

ID08 Information Repositories Consolidation & Replacement



Information Domain	Subject Area	Information Set	ERP EAM to Migrate	ID08 Information Repository Consolidation to Migrate
EE - Works	EE - Work	Work Crew	No	Yes
EE - Works	EE - Work	Work Group	Yes	No
EE - Works	EE - Work	Work Order	Yes	No
EE - Works	EE - Work	Work Order Task	Yes	No
EE - Works	EE - Work	Work Performance Measure	Yes	No
EE - Works	EE - Work	Work Request	Yes	No
EE - Works	EE - Work	Workforce Costs	Yes	No