



High Level Project Plan

Epworth Data Platform Modernisation

RFP Response - May 2025



Cloud



Data & Analytics



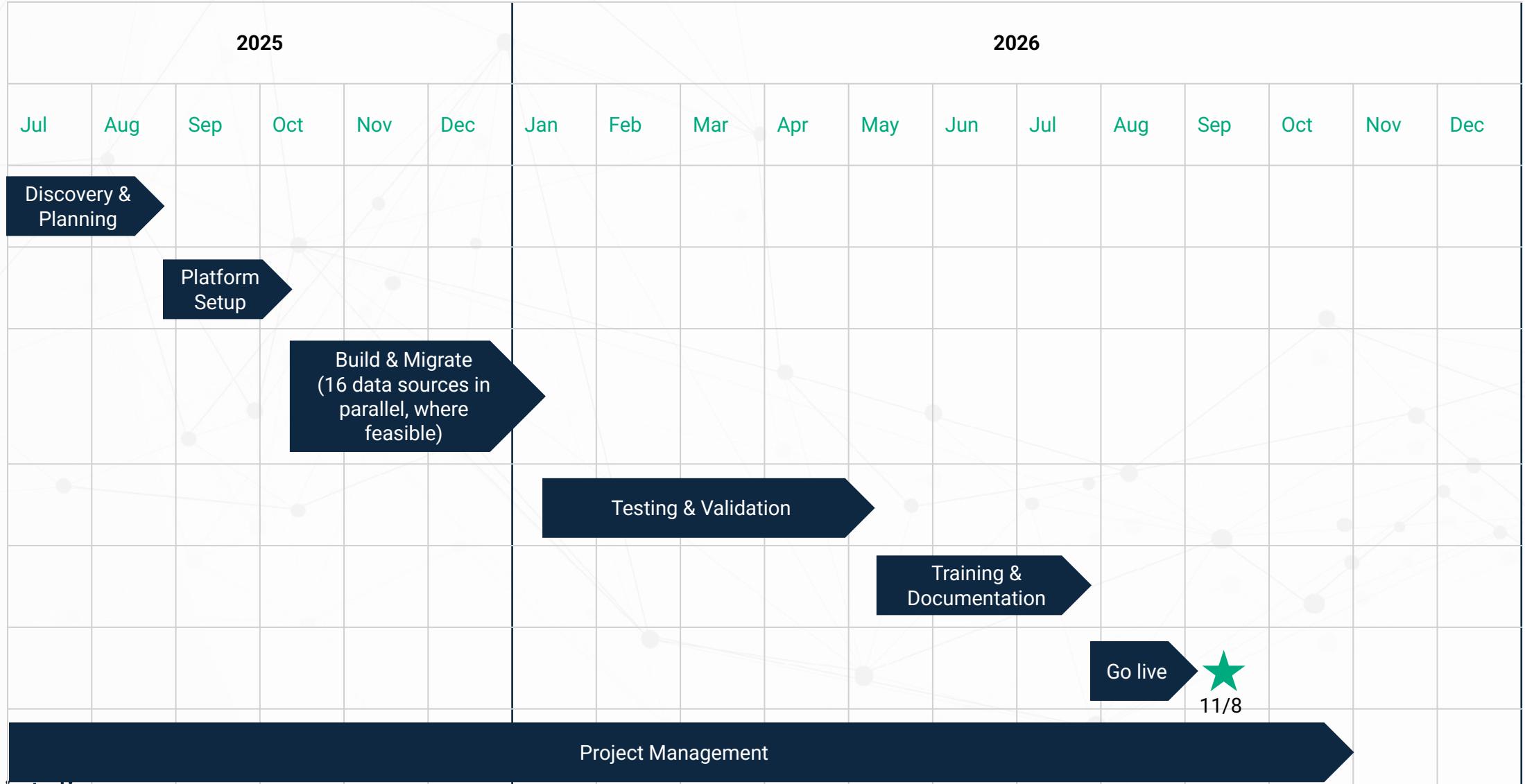
Intelligent Automation

Time & Cost Estimate – Fixed Price

Category	Duration (Calendar Weeks)	Cost
Discovery & Planning During this phase, intelia will initiate the project, capture detailed requirements, and deliver a comprehensive solution architecture along with a project timeline.	8	\$144,000
Data Platform Setup During this phase, intelia will configure the Google Cloud platform, provisioning Development, UAT, and Production environments.	6	\$67,500*
Build & Migrate During this phase, intelia will design a semantic data model and transition key data sources to a cloud-based Data Flow. Migration pipelines will be developed from legacy systems to BigQuery, and existing reports and data points will be adapted. The 16 identified data sources will be prioritised and migrated in parallel where feasible.	10	\$850,000
Testing & Validation During this phase, intelia will facilitate User Acceptance Testing (UAT) throughout the build process, ensuring quality and accuracy as data sources are integrated.	20	\$340,000
Training & Documentation During this phase, intelia will develop and deliver technical handover documentation, conduct handover sessions for the IT team, and host training workshops for business users.	12	\$204,000
Go Live During this phase, intelia will transition the solution to the production environment and provide hyper care support for up to two months.	2	\$34,000
Project Management Dedicated Project Management and Business Analysis resources will oversee delivery, ensure alignment with business outcomes, and manage project risks and communications.	Duration of the project	\$986,000
	Total (Fixed Price)	58
		\$2,625,500

*Potentially Google Funded

Timeline Overview



Milestones

Category

Discovery & Planning

Milestones

- Solution Architecture approved
- Detailed Project Plan approved

Data Platform Setup

- Development environment developed
- UAT environment developed
- Production environment developed

Build & Migrate

- SRC_BIRTHING
- SRC_CALLBELL
- SRC_CGOV
- SRC_CHRIS21
- SRC_COSTPRO
- SRC_ENDOBASE
- SRC_EXT_PATHOLOGY
- SRC_INSYNC
- SRC_LABOURHOURS
- SRC_MYROSTER
- SRC_ONEVIEW
- SRC_RL6_INFCTL
- SRC_TECHONE
- RISKMAN
- BIWarehouse

Testing & Validation

- Testing signed Off

Training & Documentation

- Epworth technical sign off
- Epworth staff handover
- Epworth staff enablement*

Go Live

- Epworth user sign off

* includes access for 100 staff to Google Cloud Skills Boost - online learning

Work Breakdown

Discovery & Planning

Introductions and Initial Planning

- Meet Stakeholders - Gather High Level Requirements, Prioritise Data Sources and Determine Data Product Areas
- Determine Data Architecture for Migration Objects and Future State Objects
- Understand Existing SSIS Packages, Database Views and Other Related Objects to Measure Complexity, Understand Requirements, Integrate with Data Mesh (Architecture) and Provide Suggestions on Improvements
- Understand Existing Reports, Data Extracts and other Outputs to determine Impact Assessment on Migration to new Cloud Offering
- Create Solution Architecture Documentation with Prioritised List of Data Sources
- Develop Detailed Project Timeline, Risk Assessment and Mitigation Planning

Work Breakdown

Data Platform Setup

Initial Configuration

- Working with Epworth - Setup On Premise Connectivity (Firewalls, Appropriate Network Configuration, Authentication Mechanisms)
- Setup Google Initial Configuration (Billing, Environment)
- Setup Terraform Scripts

Component Building - Development, UAT & Production Environment

- Cloud Data Flow - Ingestion
- BigQuery - Warehouse
- Dataplex - Data Governance
- Gemini - AI Data Profiling and Data Quality Checks
- Foundational (Key Management, Logging, Auditing, Artifacts Registry)
- Smoke Testing

Work Breakdown

Build & Migrate

Semantic Layer

- Creation of Semantic Model

Migration of 16 Data Sources

- Convert Extraction SSIS Packages to Cloud Data Flow
- Convert Transform SSIS Packages to Cloud Data Flow
- Convert Presentation SSIS Packages to Cloud Data Flow
- Unit Testing on Converted Packages
- Build Data Migration Pipeline from Existing Source to BigQuery
- Reconfigure Existing Reports and Datapoints to new Source

Work Breakdown

Testing & Validation

Recursive and Complex Testing

- Build Migration Comparison Scripts for 492 Database Views from Presentation Layer
- Compare Results and Report Findings
- Testing Failures and Logging Auditing is as Expected
- Deploy to UAT
- UAT Testing

Work Breakdown

Training & Documentation

Technical Aspects

- Ingestion Documentation
- Presentation Documentation
- Data Governance Change Management
- Technical Handover Sessions (Workshops and Certification Paths)

End User Aspects

- Data Governance Change Management and Training Sessions

Go Live