

CLOUD SERVICE DEFINITION DOCUMENT

Welcome

95+ years in operation
135+ countries served
160+ offices worldwide
1.5^B GBP revenue 2023
5 global markets
11^K people
45+ service lines

↳ **Providing engineering, environmental,
advisory, architecture, digital and
construction services**

How we work



Collaboration - We advocate for a truly collaborative relationship, as we know from experience that collaboration and a tailored approach is the key to delivering value. As such we are flexible in our working style, able to lead, work alongside, or support our clients as required.



Quality – We pride ourselves on the quality of our outputs, with a focus on high value outcomes. To ensure this we apply established GHD quality assurance processes, allocating technical and executive approvers to independently review deliverables



Security – We take security seriously. GHD holds ISO27001 certification and have a dedicated Cyber Security team. Our data scientists, analysts and developers understand and apply DevSecOps practices to ensure security is built into our deliverables. We also have team members with SC clearance.



Customer focused – By focusing on customers we align with present industry trends and drivers and provide detailed insight into the customer sphere and linking it to how assets should be configured and managed to resolve key challenges.



Data-driven – We use data, information and technology to accelerate and unlock the decision-making potential of our clients, delivering high quality impactful insight directly into the C-suite.



Targeted business change – We deliver targeted and lasting change into all aspects of our clients' businesses, using data to drive our actions and measure our effectiveness.



Embedded technologists – Our people can translate pain points and needs into technical requirements and capabilities for implementation. We ensure our clients develop their systems to enable them to meet the needs of their customers.



Innovation – We push for innovation in everything we do and pride ourselves on being at the forefront of understanding, using and implementing systems technology to support business drivers and using every opportunity to develop best practices further.

Our Values

- Safety
- Teamwork
- Respect
- Integrity

Insights & Analytics

→ Cloud Support Services

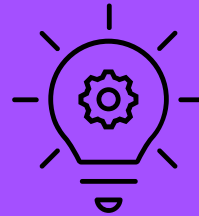
Delivering incremental and sustainable benefits

Our ability to draw upon commercial, engineering and digital transformation know-how is what sets us apart. It enables us to re-define challenges, drive value, and provide our clients with a competitive edge.



Technical knowledge

Deep technical understanding of problems and possibilities that data and digital transformation can provide.



Deep-domain expertise

To help our clients grow, innovate and adapt to digital transformation. Our approach to problem-solving is derived from our on-the-ground experience.



Global network

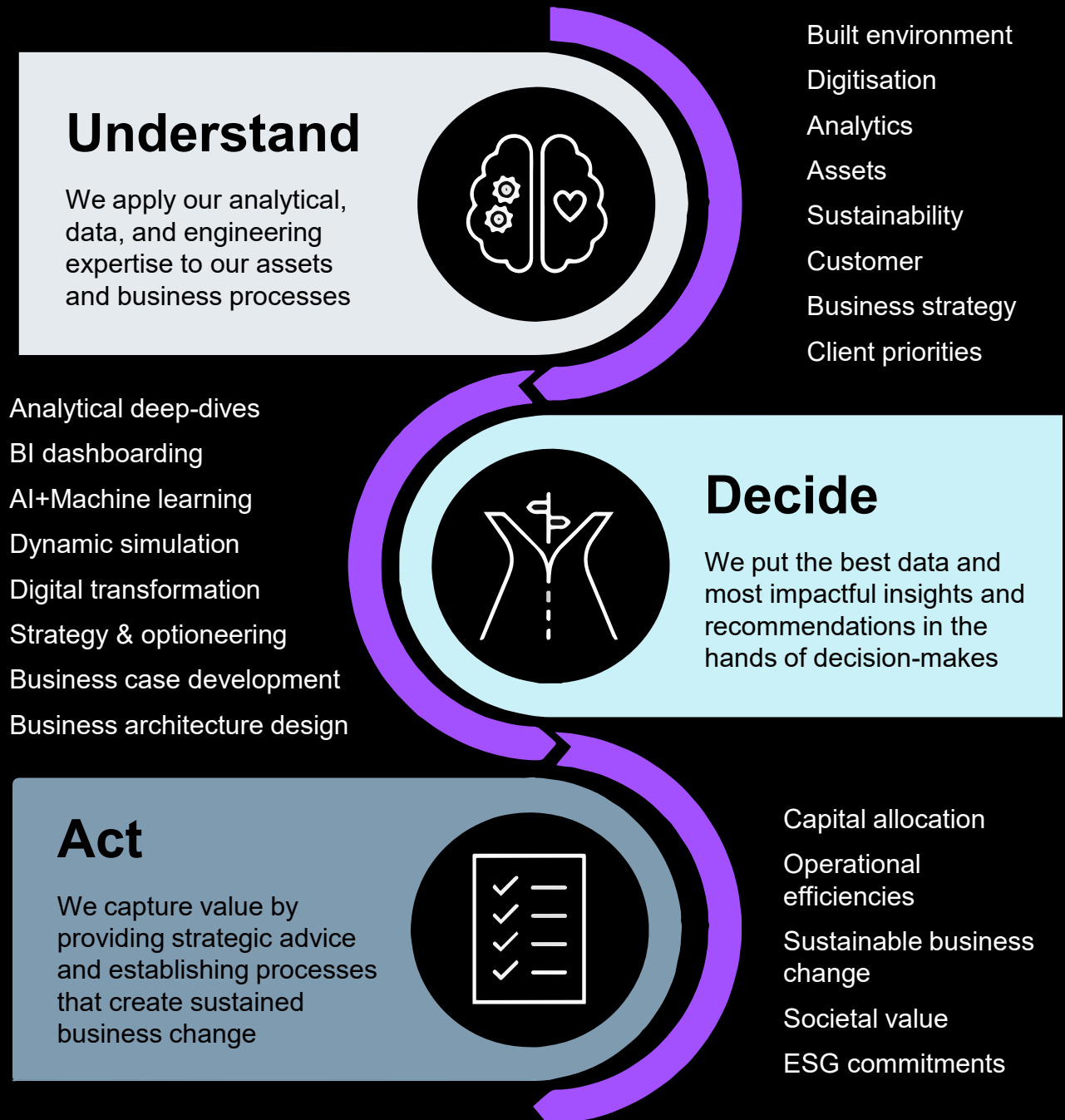
To create positive public outcomes locally and internationally. We deliver robust strategies and international best practice.

Integrated offering

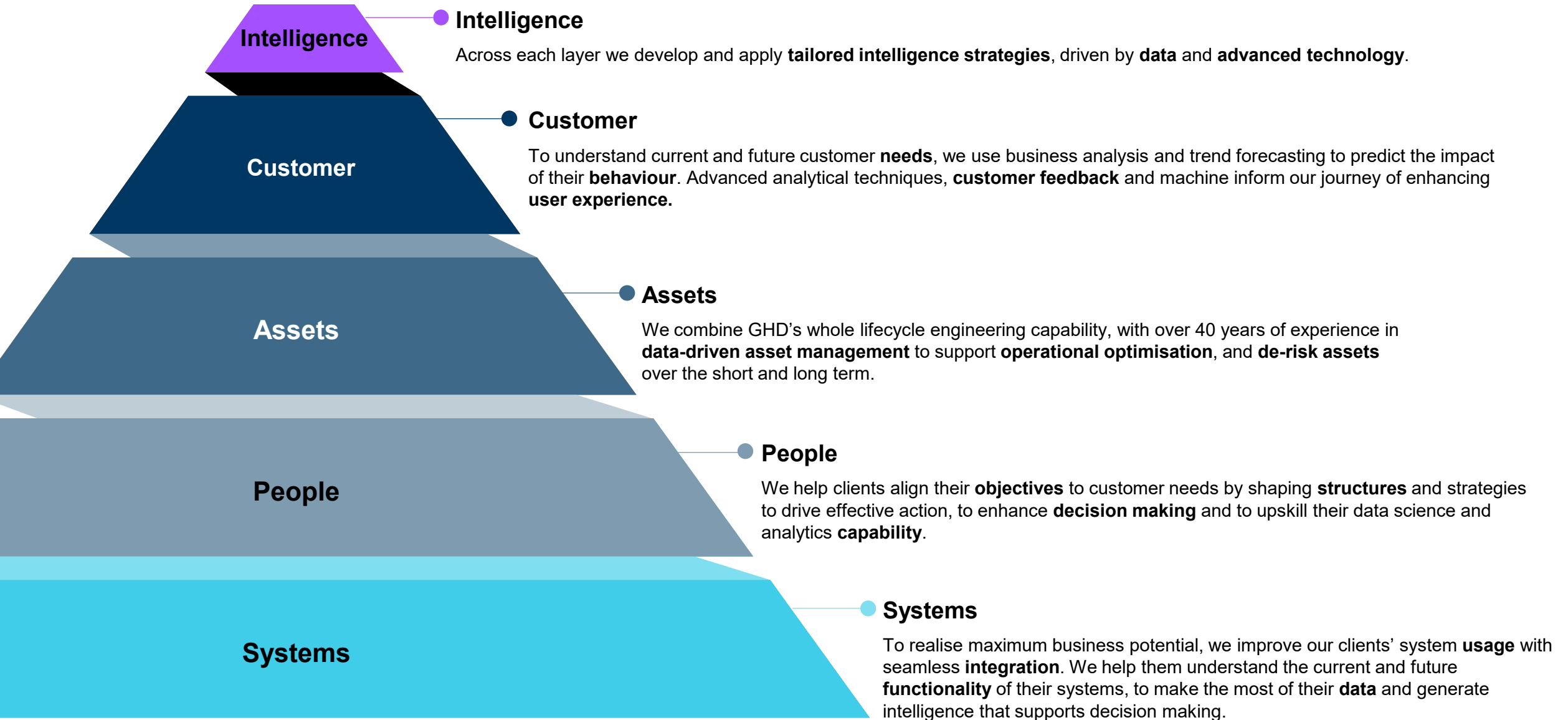
Businesses need to transform their data into actionable insight.

Our team aligns customer demands, asset needs and business requirements with the technology ecosystem.

This allows data to accelerate and unlock a holistic approach to performance management.



Our mission



Our services

Analytics platform	DevOps adoption	Actionable analytics
<p>GHD’s advsiors integrate a fully managed, secure, flexible, and ready-to-go data analytics platform into your organisation, empowering you with the value of data whilst minimising cost. We offer specialist expertise in cloud infrastructure best practice and provide a fully enabled analytics solution that can unlock deep operations insight for you.</p>	<p>Embedding DevOps principles and best practice into your organisation will build agility, trust, security, and reliability into the core of your work. GHD can analyse and work with you to transform your cloud development workflows and integrate DevOps philosophies throughout your organisation, implementing robustness and efficiency into your development process.</p>	<p>GHD's skilled team of analysts and technical consultants combine advanced statistical reasoning, cloud technology excellence and client focused delivery to create real actionable business insight from your organisation's data. We will drive results forwards, integrating value-add analytics-led initiatives into the organisation through a complete process from data collection to insight.</p>

Our services

Analytical transformation programme	Business intelligence	Machine learning and modelling
<p>GHD's advisors can coach key members of your organization, accelerating your journey to becoming a data-driven business. This wide-ranging shift into a self-sufficient data-led business accelerates integration of cloud-based process and collaborative analysis throughout your workflows, enabling you to make evidence-based decisions with the power of statistics, visualizations and modelling.</p>	<p>GHD will guide your organisation through data collection, extract-transform-load processes, data modelling, and dashboarding to enable cloud-hosted flexible reporting and business insight. A strong and secure business intelligence platform with a familiar user interface engages and enables all levels of your organisation to use data to drive quantifiable decision making.</p>	<p>GHD will work with you and your stakeholders to break down complex problems into approachable statistically answerable questions and apply sophisticated modelling, machine learning and AI to solve them. Our technical experts bring with them a wealth of experience interrogating and producing insight from disparate and complex cloud data sources.</p>

Our services

Data migration	Cloud data architecture	Cloud solution architecture
GHD will work alongside your teams to develop robust plans and deliver complete data migration solutions with minimal business disruption. Our vast experience in legacy-to-cloud, premises-to-cloud and cloud-to-cloud migrations enables us to build bespoke frameworks for quality assurance, and provide additional benefits such as data strategy review and data cleansing.	GHD will build a cloud data architecture that works throughout your business, designed from your organisation's values and optimised to the needs of your data managers and consumers. We intricately understand organisational migration from live systems and can deliver a future-state roadmap and a risk-optimised transition programme tailored to you.	GHD develops sustainable, scalable and secure cloud platforms by delivering robust roadmaps and implementation plans designed for your organisation's needs and strategic goals. We cover a full range of services from deployment of new applications to full legacy system migrations, designing in accordance with best practice for low risk releases.

Our services

Cloud transformation programme	Cloud application development	Cloud systems integration
GHD's accredited and security cleared staff can help your organisation harness the power of data and technology by assessing your current readiness and developing your cloud adoption strategy. By moving your workloads to the cloud, driving business value through cost savings, flexibility and opportunities to scale.	GHD offer application development across a variety of languages (Python, R, .NET, Javascript, Java, C++) from UX design and requirements specification, through to productionised hosting and continuous deployment. Our agile project management style continuously aligns development with business value, leveraging cloud technologies to decrease maintenance overhead and increase delivery speed.	GHD's systems experts can reduce operational overhead from your legacy systems, and leverage data from your disparate systems to provide insight beyond individual databases. To create business value from your existing data, we offer a variety of system integration and assurance services, using patterns such as ESB, messaging and orchestration.

Our services

Digital asset management	Data Engineering	Analytical Engineering
GHD's "Next Generation" digital asset management model can help you align your cloud resources and assets to meet the needs of your organisation and customers. Our Asset Management experts and technologists work with you to enhance your use of data and technology, leveraging implementation experience to deliver real added value.	GHD's Data Engineers can help you curate, organise, and present your organisation's cloud data estate. We ensure that warehouse development is rapid and accurate, that data users can easily find and use key data models, delivering on-going and re-usable data architecture.	GHD's Data Engineers can help you curate, organise, and present your organisation's cloud data estate to enable a secure, flexible, and ready-to-go data warehouse. We ensure that warehouse development is rapid and accurate, that data users can easily find and use key data models, unlocking data for analytical needs.

Our services

Mobility Intelligence

GHD's mobility intelligence expertise enables understanding of how people use and integrate with the built environment to enhance and optimise asset investment decisions. GHD's experts bring a deep understanding of cloud hosted mobile data, telematics and spend data, using data science to derive bespoke insights into movement behaviours and trends.

Business Transformation

→ Cloud Support Services

GHD's Business Transformation team provides you with the power to change

Reimagine



Innovate



Transform



Assess Current vs
Future State

Create roadmap
for Change

Launch Prototype

Define vision for
transformation

Design success
metrics

Refine, test
and scale

How GHD work



We work as one team

We make sure our team has both the right skills and cultural fit to be successful in your team and build your long-term capability



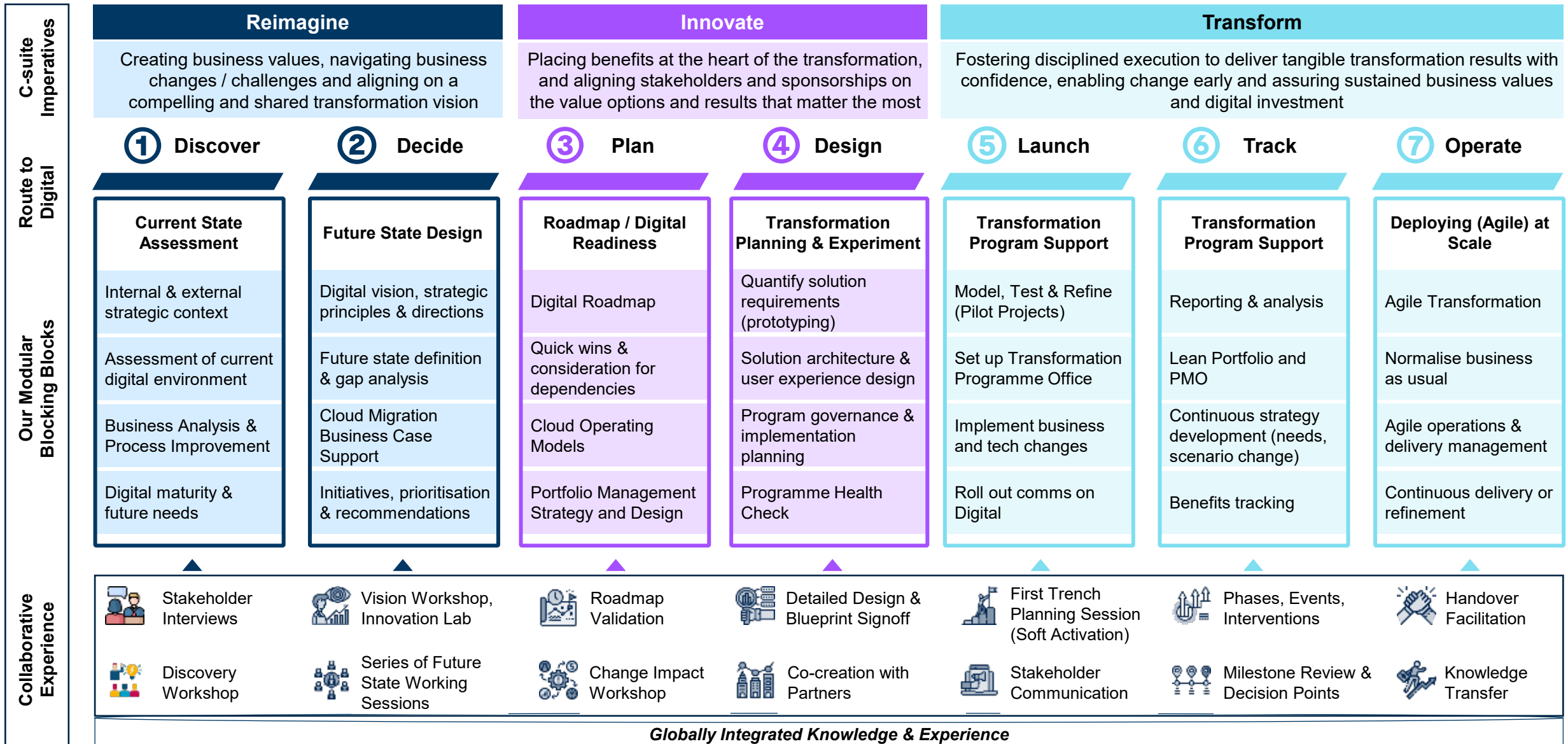
We are pragmatic innovators

Highly collaborative, responsive and inclusive with a mindset to enable positive organisational change



We are connectors bringing together the best of GHD's strategy, digital, data, change and organisation design expertise to bring you joined up solutions

How do our clients engage us at GHD?

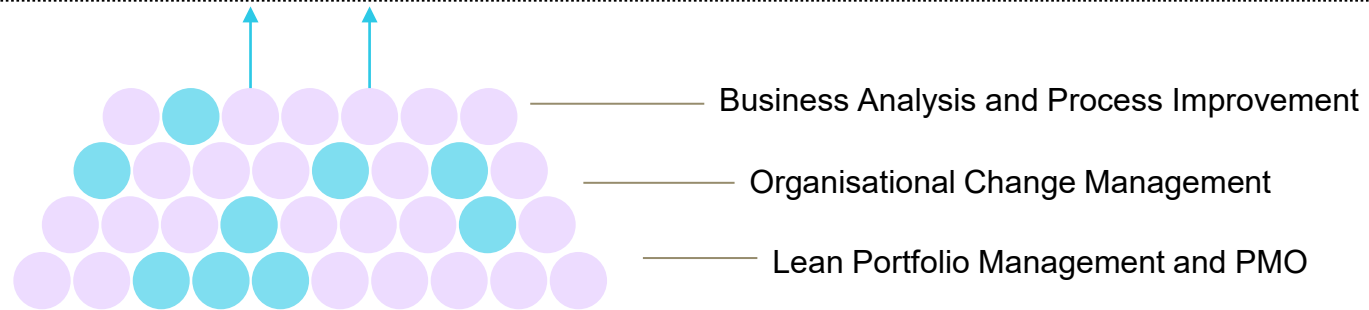


Transformation at GHD

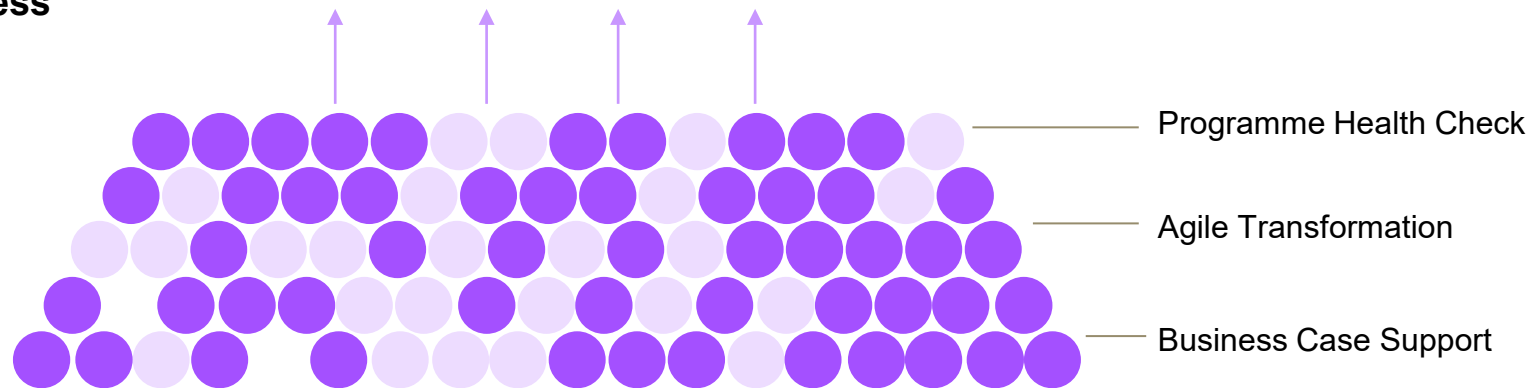
Strategic business transformation



Tactical business transformation



Enablers of business transformation



Our services

Programme and Project Management	Programme Health Check	Portfolio Management Strategy and Design
<p>GHD will provide portfolio, programme and project management support to enable delivery of your largest and most complex Cloud programmes. We have a highly experienced team of project managers who have managed both technical and business-related projects that have helped make sustainable change happen through the Cloud.</p>	<p>GHD provides a cloud programme health check service to review your cloud programme's execution to provide insights across both programme execution and also wider programme health measures. This service provides a health check report with actions for improvement outlined in a prioritised roadmap to improve the outcomes of your programme.</p>	<p>GHD Provides a Portfolio Management Strategy and Design service to support your cloud service development and ongoing prioritisation of initiatives. Portfolio Management Strategy defines the future portfolio management service that your organisation will require and design provides the design service to enable this service to be implemented.</p>

Our services

PMO Strategy and Design	PMO Operations	Agile Transformation to support Cloud services
GHD Provides a PMO Strategy and Design service to support your cloud service development and ongoing monitoring of initiatives. PMO Strategy defines the future PMO service that your organisation will require and provides the design to enable implementation.	GHD Provides teams to manage and deliver ongoing PMO operations in support of Cloud services projects and programmes. GHD's service provides leading PMO professionals to continuously improve PMO service delivery and support to transfer the service in house through knowledge transfer and capability development.	GHD will support your teams to adopt Agile methodologies tailored to cloud environments prioritising rapid scalability, cost optimisation and behavioural change. GHD's agile approach emphasises cross-functional collaboration, iterative development and continuous integration empowering teams to rapidly deploy and optimise cloud solutions for maximum efficiency and value.

Our services

Lean Portfolio and PMO	Cloud Operating Models	Organisational change to support cloud service adoption
<p>GHD brings the best of lean and agile methodology to maximise return on investment of your Cloud programmes.</p> <p>Our approach enables faster, more efficient delivery of cloud technology, portfolios, and operations ensuring you get the most value out of your cloud investment.</p>	<p>GHD can help you realise the full potential from the Cloud through the right deployment of skills, processes, operations, governance, security and organisation design. GHD will help you break down each aspect of your operating model to create a vision and a plan for Cloud that aligns with business strategy.</p>	<p>GHD provides change management to support the transition to Cloud within your organisation. GHD will work closely with you to assess and plan the business readiness for the change. We develop clear communications and engaging stakeholder engagement activities to create a joined up approach for widespread user adoption of Cloud.</p>

Our services

Business Analysis & Process Improvement	Cloud Migration Business Case Support
<p>GHD provides business analysis and process improvement to enhance the way that Cloud programmes are designed and delivered. We are experts at breaking down business processes and finding opportunities to improve efficiency and visualise the value delivered from your Cloud transformation.</p>	<p>GHD provides a cloud migration business case service to support your overall cloud migration strategy. Bringing expertise in the development of benefits, cost modelling of current and future services, working with cloud vendors to capture and challenge operational costs and the development of cost models that support cloud migration activities. This will provide you with detailed business cases to support your migration.</p>

***Thank You**