



PAVING THE WAY FOR RESPONSIBLE AI: OUR JOURNEY & VISION



POLL QUESTION

How does your company approach responsible AI?

1.

Strongly

This is non-negotiable, and our AI processes are underpinned by strong governance.

2.

Moderately

We recognize its importance and have some measures in place, but there's room for improvement.

3.

Neutral

We are aware of responsible AI but have not yet implemented significant measures.

4.

Weakly

We believe it is important but feel it hinders innovation, so we will address it later.

5.

Not at all

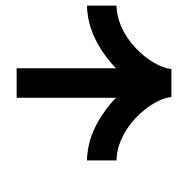
We do not prioritize responsible AI at this time.

→ Our AI Strategy

Empowering our people
with Responsible AI

→ Responsible AI

We prioritise governance, ethics, and sustainability in all our AI initiatives.



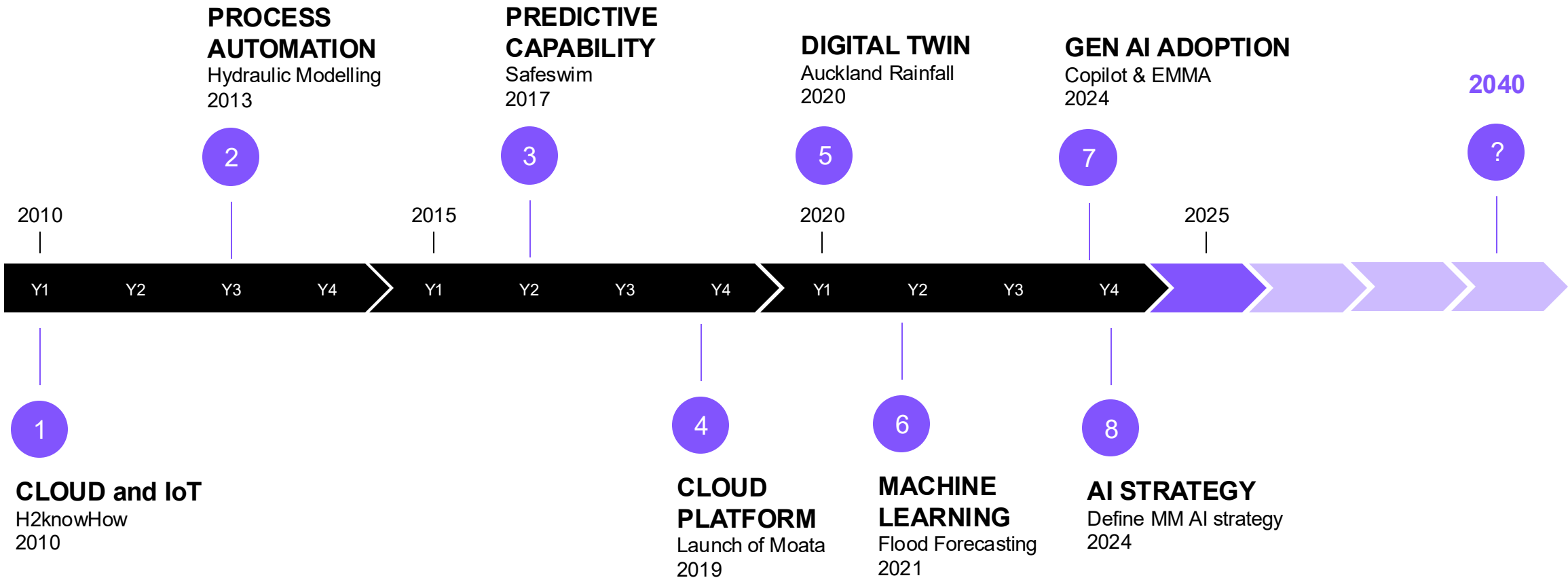
**How did we get
there?**

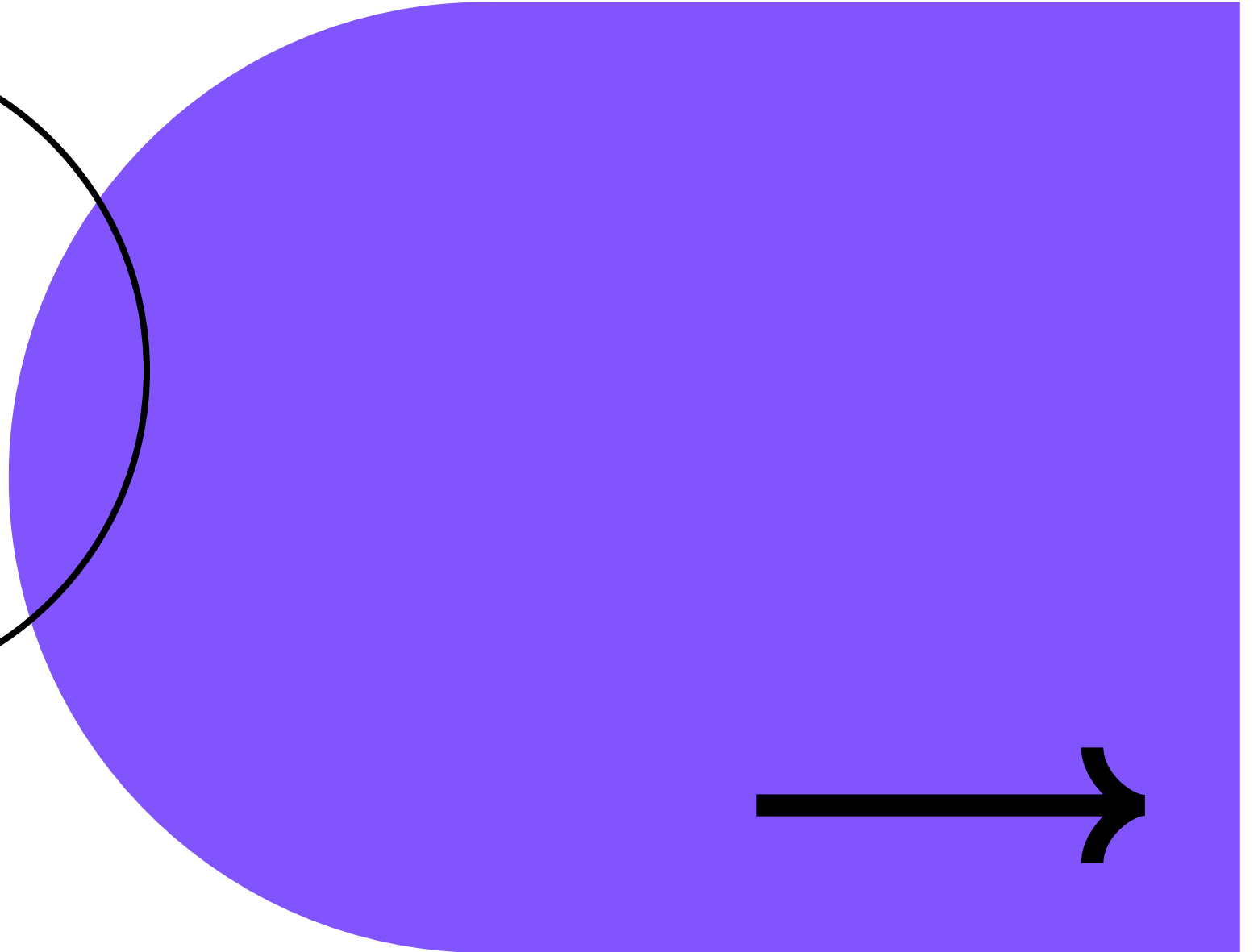
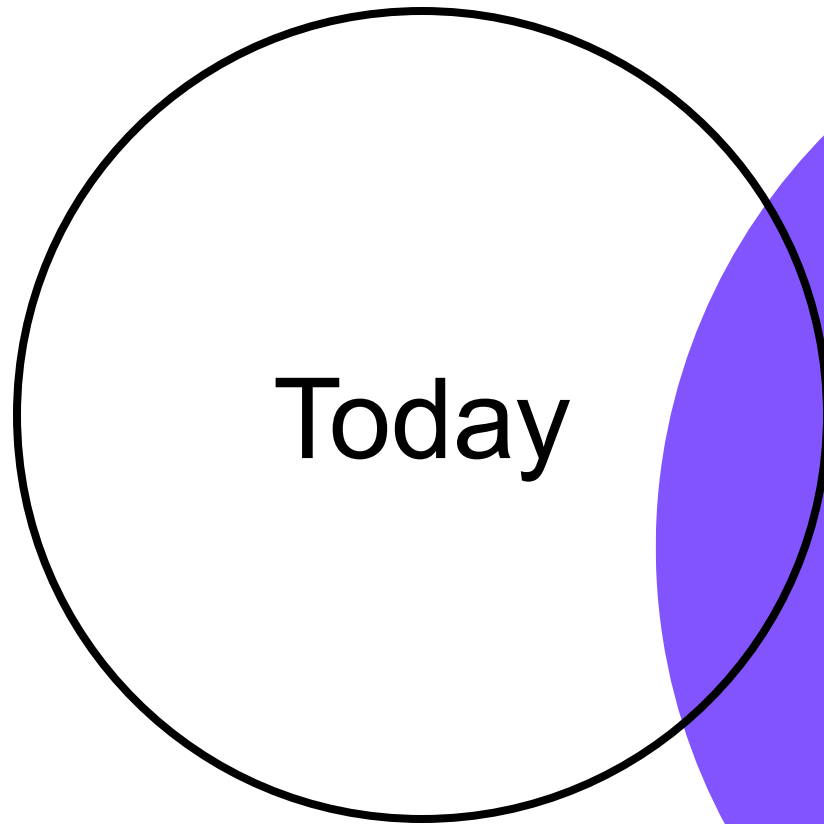


Looking
back

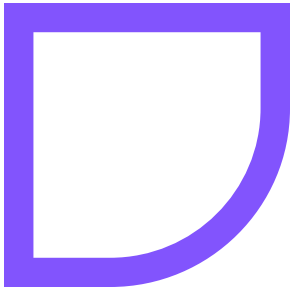


My AI Timeline



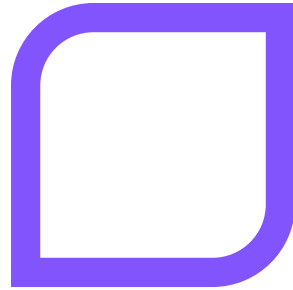


DEFINING AND IMPLEMENTING OUR AI STRATEGY



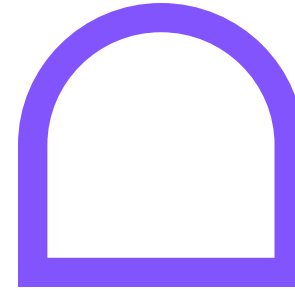
SHAPING

Identifying key AI strategic pillars.



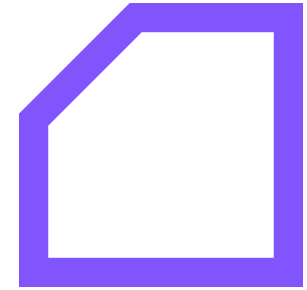
POSITIONING

Defining our AI position and risk appetite.



ENABLING

Setting up systems enabling to manage risk.



DELIVERING

Implementing and developing new ways of working.

Shaping Our Team



Nasrine Tomasi
Head of AI

Develop and implement our AI strategy



Paul Skidmore
AI Product Lead

Implement high business value AI use cases



Naomi Bishop Bunn
AI Governance Lead

Define and implement our AI governance framework



YJ Kim
AI Technical Lead

Define and promote best practice in AI development

Shaping Our Team

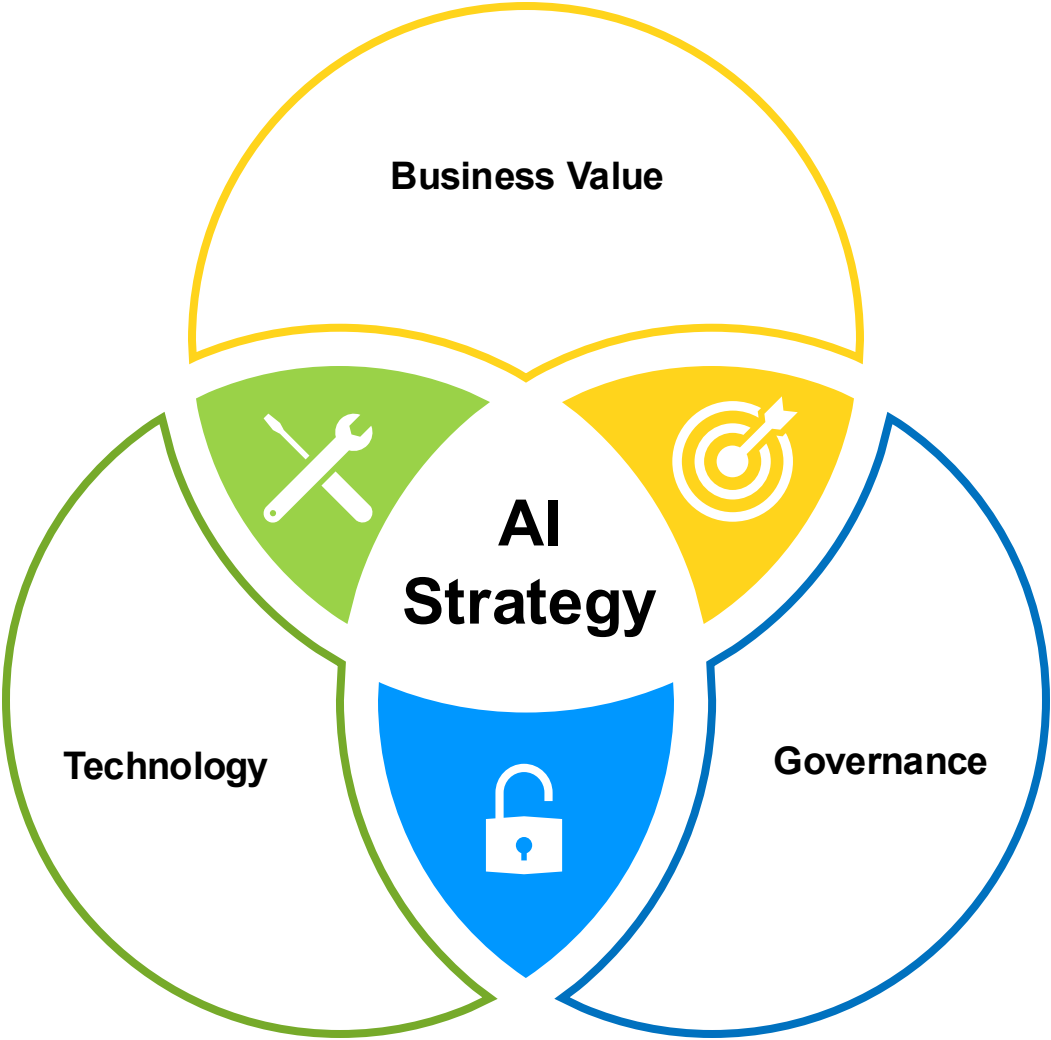
AI Strategy

Defining and sharing our position and base principles to enable AI throughout the business.



Technology

Leveraging AI technologies and infrastructure to provide scalable, efficient, and innovative solutions across the business.



Business Value



Alignment with business strategy, ensuring that AI initiatives drive measurable improvements in business performance and deliver tangible benefits.

Governance



Implementing governance frameworks to ensure ethical, transparent, and compliant AI practices across the organisation.

Defining Our AI position

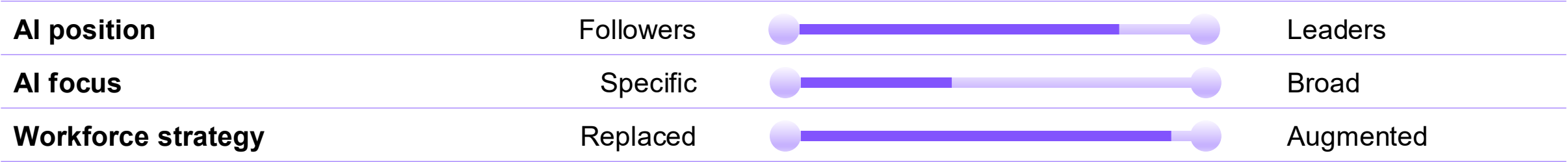
RISK



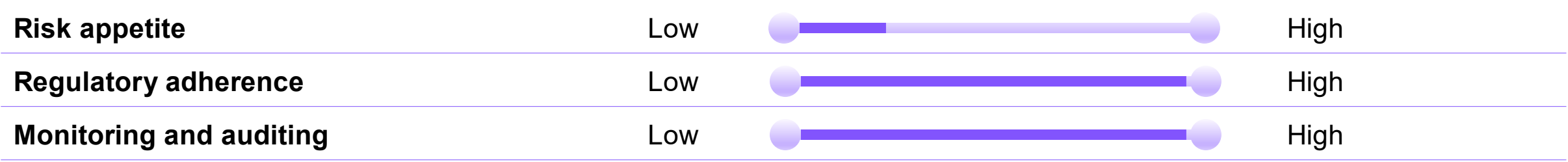
OPPORTUNITY

Defining Our AI position

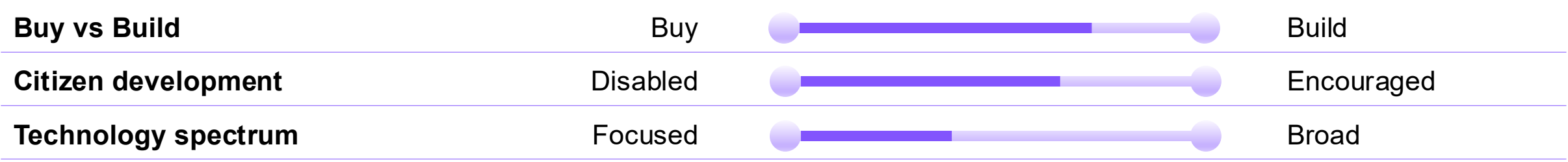
Business Value



Governance



Technology



Enabling Responsible AI

Business Value

- Business value framework
- AI build upscaling principles
- Enterprise product roadmap



Governance

- Consolidated risk assessment framework
- Structured procurement process
- AI technical documentation requirements



Technology

- Development pathway
- Best practice guidance and tools
- Agent strategy

Delivering Responsible AI

1

Personal productivity

Optimising ways of working

- Adoption of GenAI (Copilots, LLMs)
- Development pathways for citizen developers

2

Enterprise

Enhancing efficiency

- Enhanced access to knowledge
- Process automation using AI agents

3

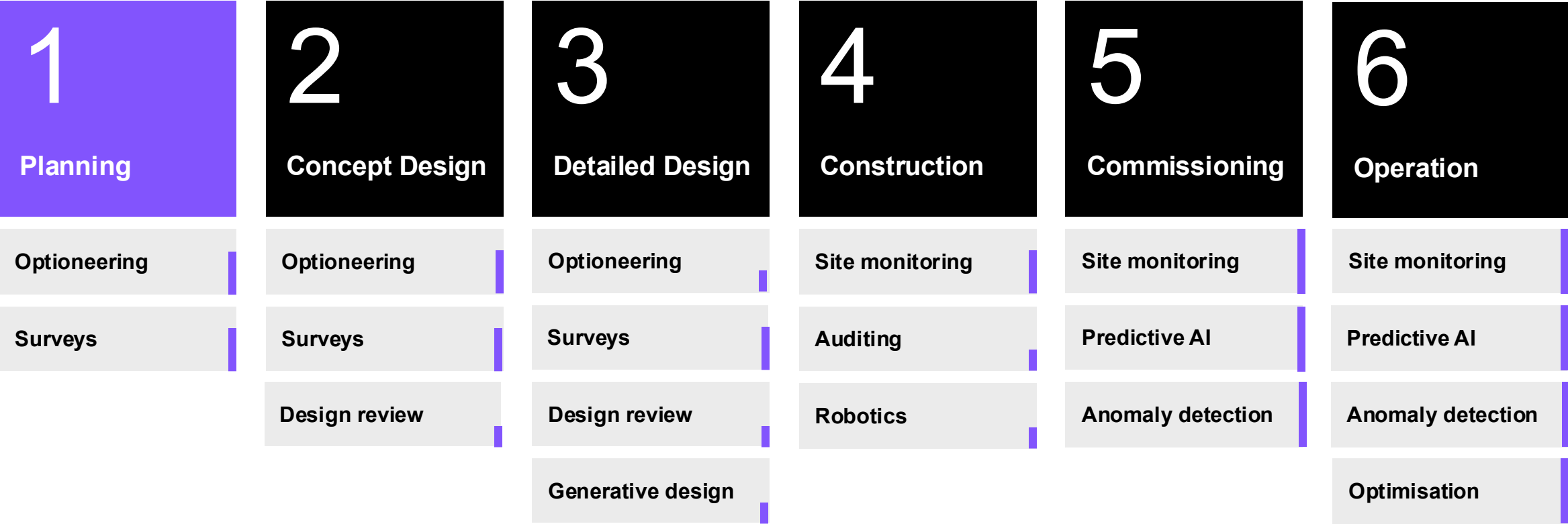
Projects

Transforming project delivery

- Predictive AI through ML
- Site monitoring computer vision
- Automation through GenAI

Delivering Responsible AI

Project Focus





Tomorrow



Key Messages

AI DISRUPTION

AI will change our ways of delivering Infrastructure projects.

THE NEED FOR AN AI STRATEGY

Having a clear strategy helps getting alignment throughout the business.

This is how you can deliver meaningful impact.

OPPORTUNITIES

There are many untapped opportunities in the AEC industry.

Manage the risk.

Focus on the opportunities.

The Future of AEC

SLOW TECHNOLOGY ADOPTION

One of the slowest sectors when it comes to digitisation
(McKinsey, 2017)

A SECTOR IN EXPANSION

Global construction spending is projected to escalate in the next 15 years

TALENT SHORTAGE

The industry is lacking sufficient capable workers. Vacancies in the US almost doubled since 2017.

FLATLINING PRODUCTIVITY

Productivity has been stagnating over the last decades

**NEED TO COME
TOGETHER
TO ACCELERATE OUR
TRANSFORMATION**

M

MOTT
MACDONALD

M

THANK YOU