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AI – One Year On

Briefing on preliminary findings from the Scottish Government/COSLA Digital Maturity Assessment



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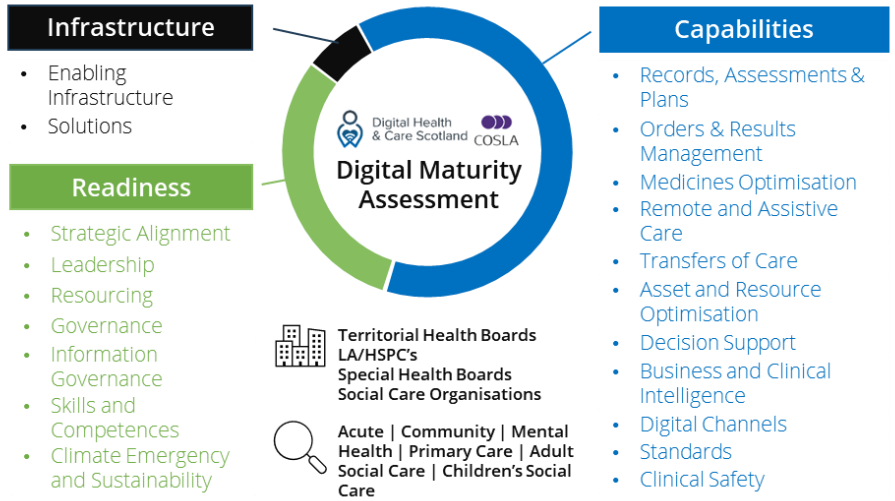
Background: SG/COSLA Digital Maturity Assessment

Assessment completed by most statutory organisations across the Scottish health and social care most recently in 2023 and 2024 following first iteration in 2019

Structure



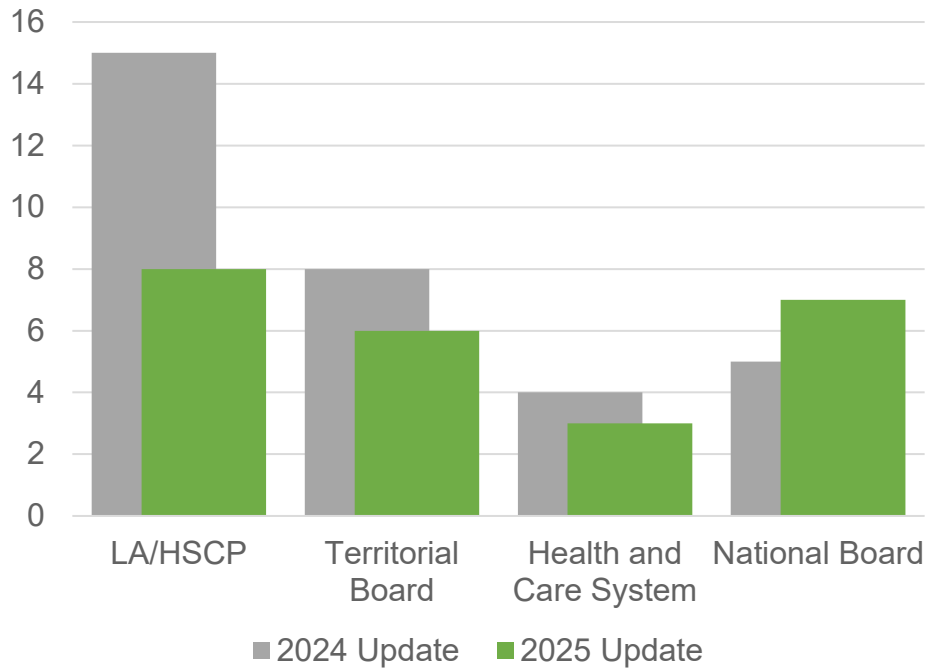
Overview

- The Scottish Government/COSLA Digital Maturity Assessment is a **standardised management tool for digital transformation**
- Tracks organisation-wide digital maturity with more than **400 indicators divided into 20 categories across top level themes "Readiness", "Capabilities" and "Enabling Infrastructure"** against current subject matter expert picture of 'What Good Looks Like'
- **Collaborative completion** across and beyond organisational structures – **submission as Health and Care System is encouraged** wherever possible
- **Actively maintained question catalogue** reviewed and updates annually
- Open to organisations across **healthcare and social care**

Background: SG/COSLA Digital Maturity Assessment

Assessment includes data to underpin digital maturity tracking, strategy development and planning, benefits realisation work and more

Participation



Use Cases

- Baseline: “Where am I now?”
- Track your speed direction of travel
- Prioritise areas of application
- Contrast and compare against national picture
- Track outcomes from digital transformation
- Inform strategy and policy development
- Foster digital, data driven culture
- Learn from others and share your own insights

AI – One Year On

The Digital Maturity Assessment question set is audited annually so that its content remains current and relevant

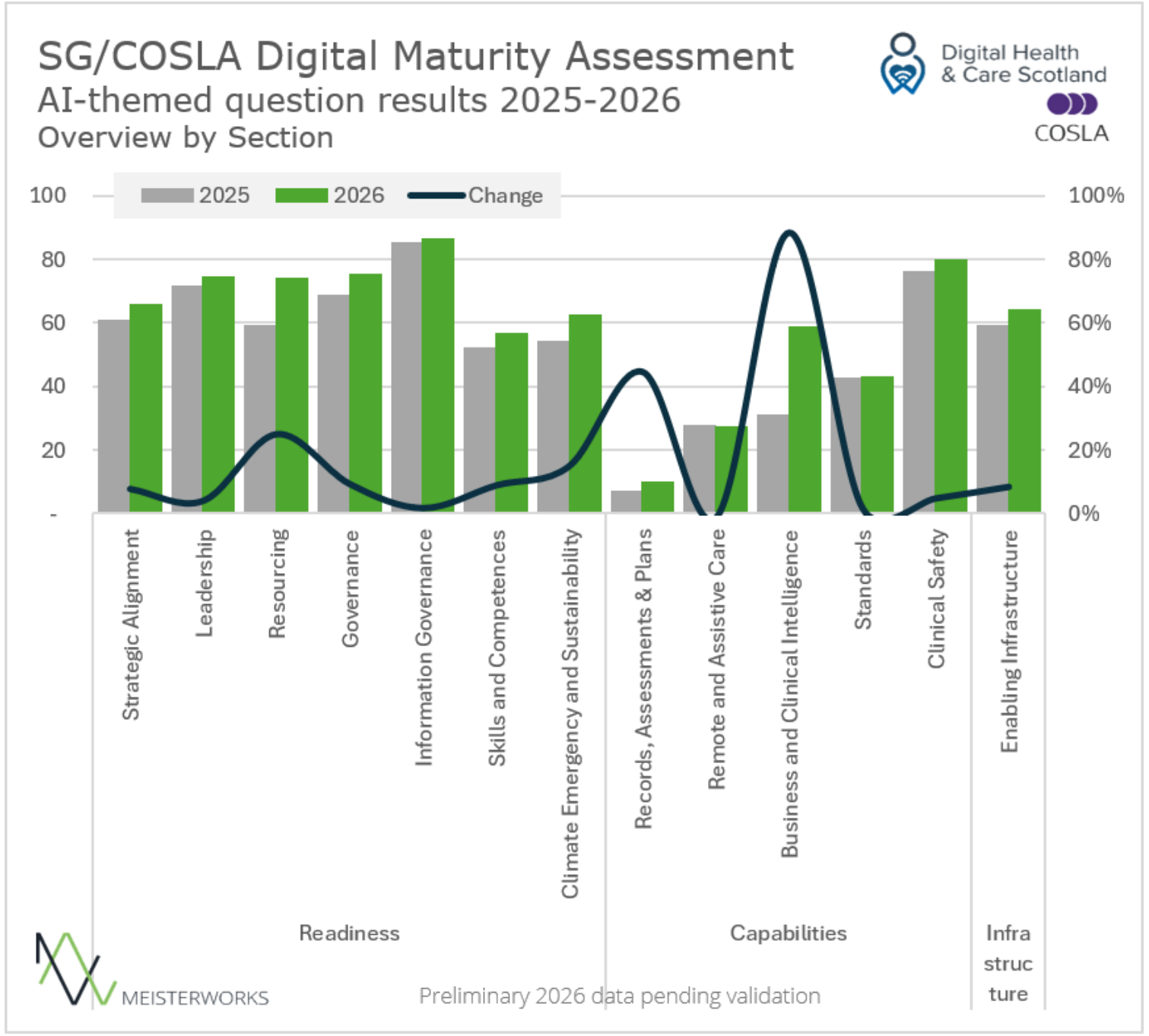
- Deprecation of statistically unproductive questions and indicators
- Addition of indicators for existing topics to increase granularity
- Inclusion of new indicators for technologies emerging into mainstream application such as AI
- Previous additions have included SaMD, Integrated Care and Innovation



By Section

Organic growth in readiness while capabilities are gaining pace

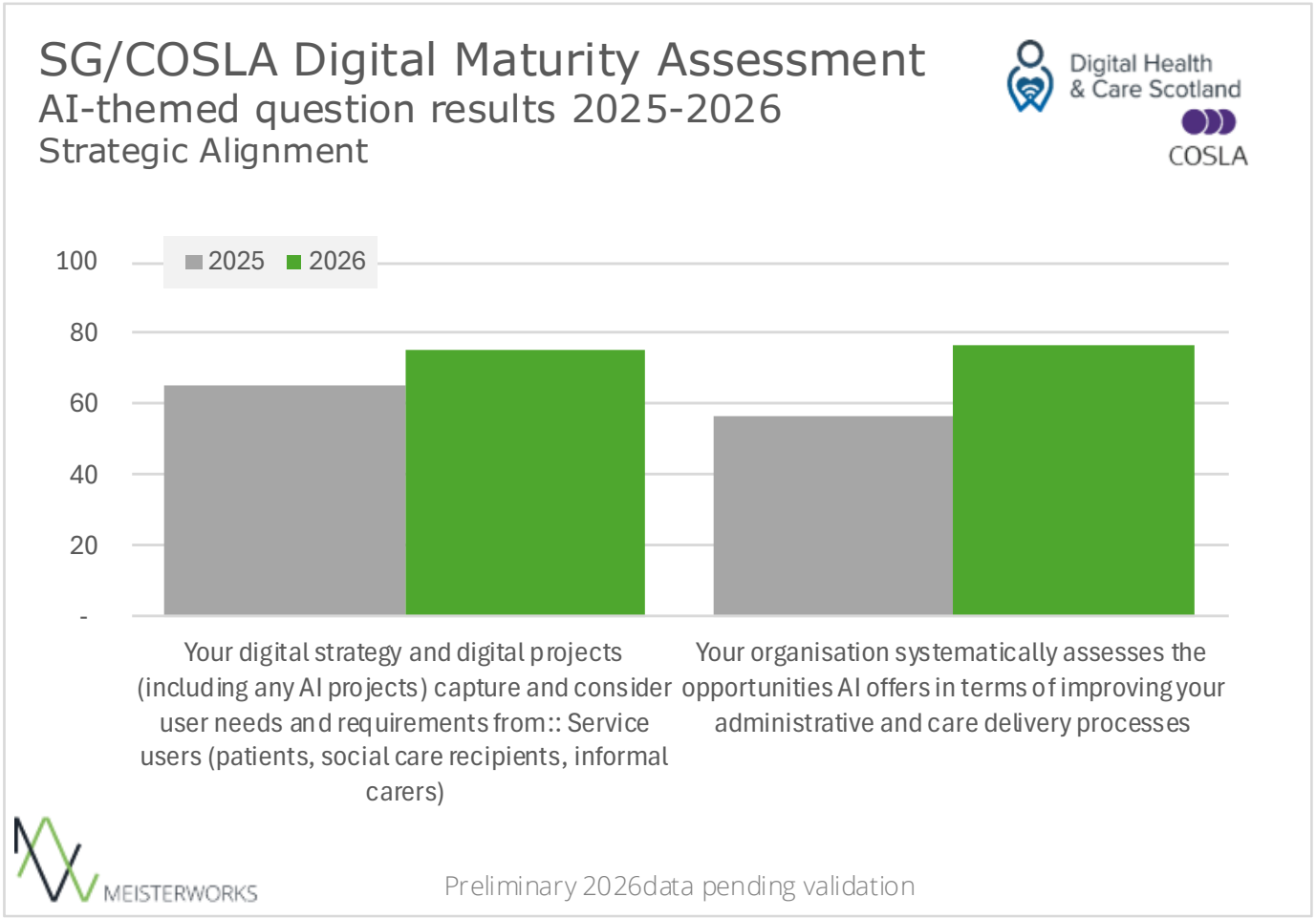
- Progress in Readiness categories but signs of slowing down
- Advances in Capabilities sections focused on fundamental availability



Readiness: Strategic Alignment

Score gains for inclusive design and AI technology assessments

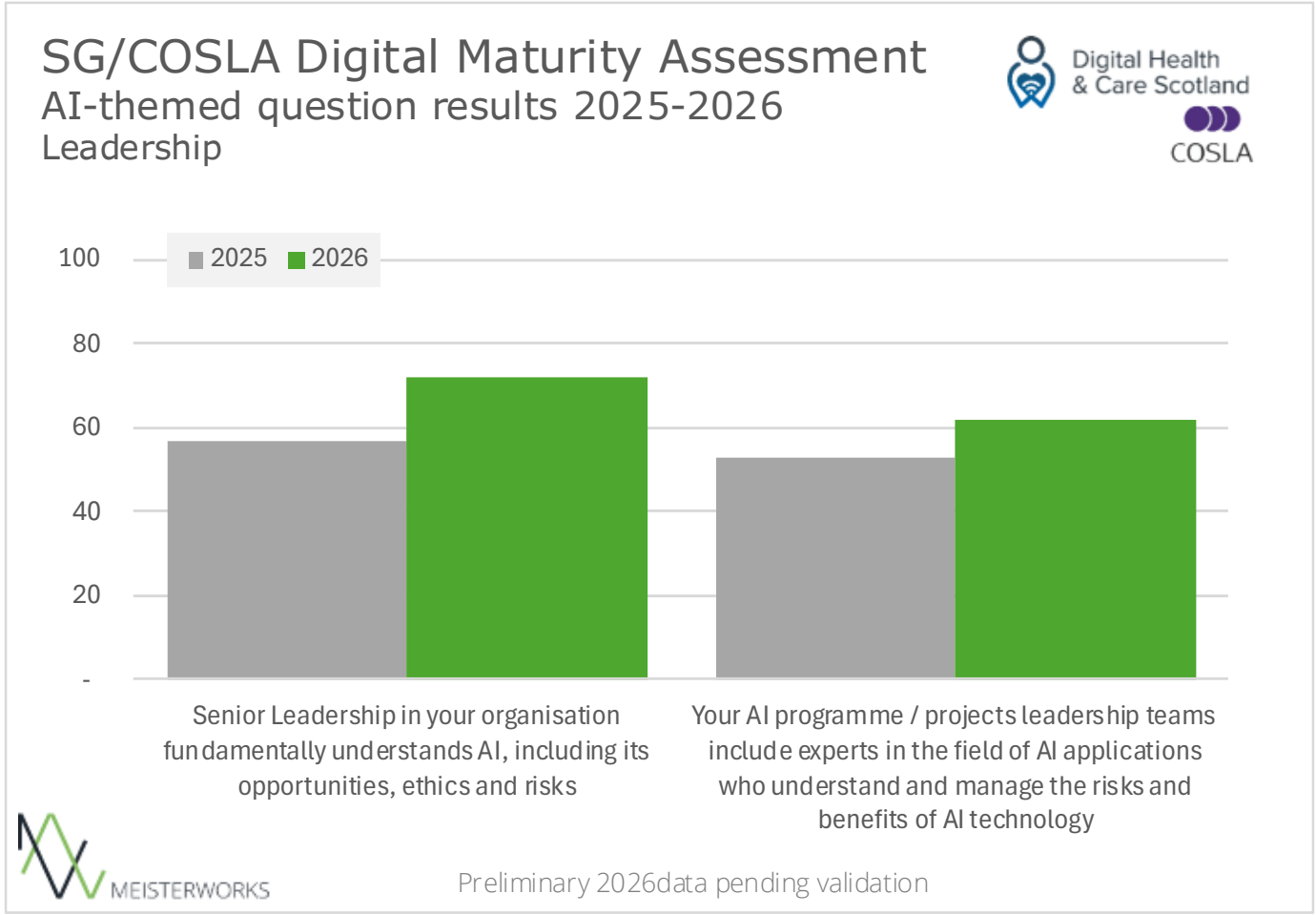
- Inclusive project design is a gold standard across industries
- Systematic assessment of AI opportunities speaks to subject expertise and policy development



Readiness: Leadership

Growing understanding of risks and benefits of AI

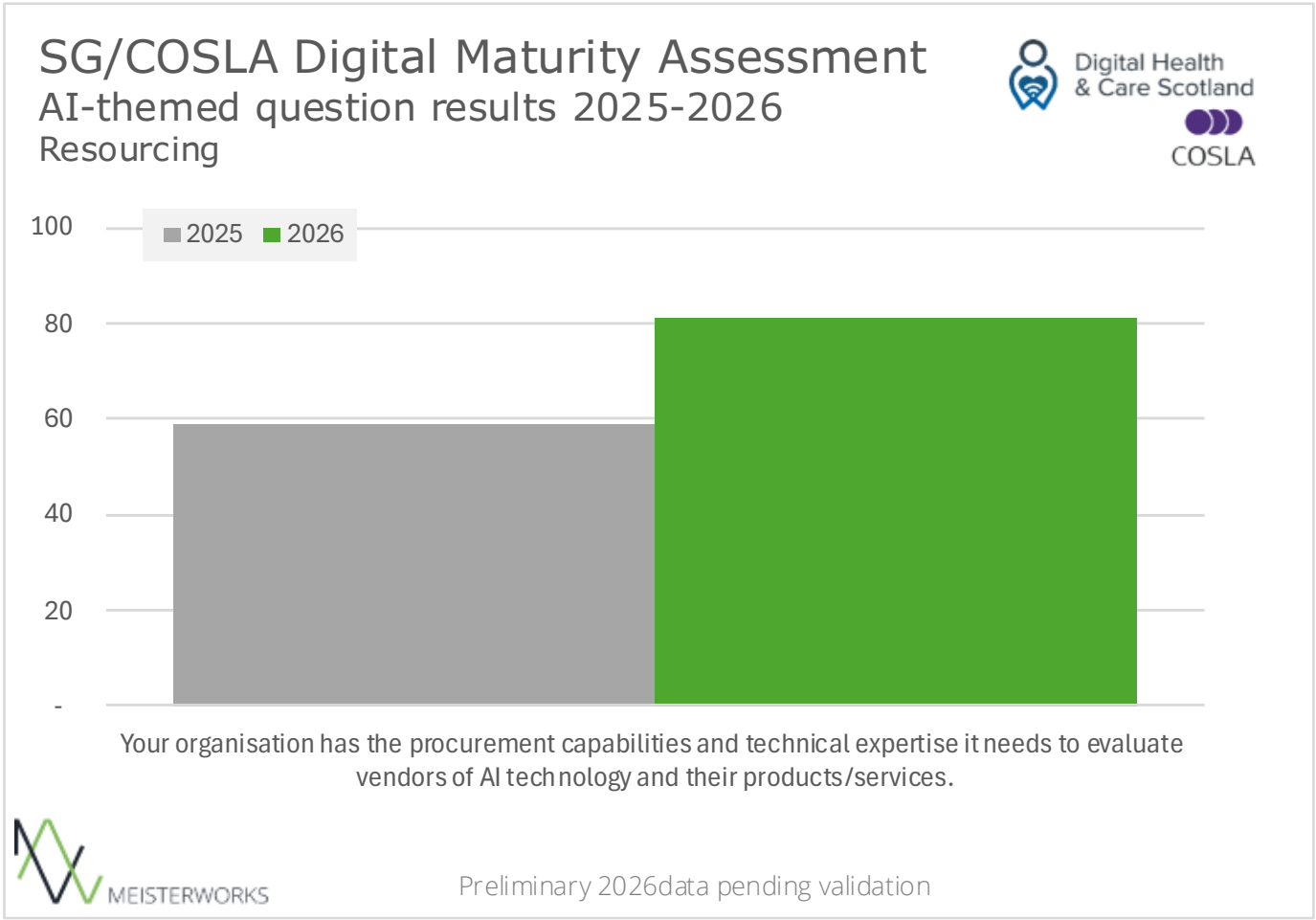
- Healthy growth for indicators of fundamental understanding of the technology, risks and benefits:
- At leadership level
- At programme/ project level



Readiness: Resourcing

AI expertise available to procurement shows healthy growth

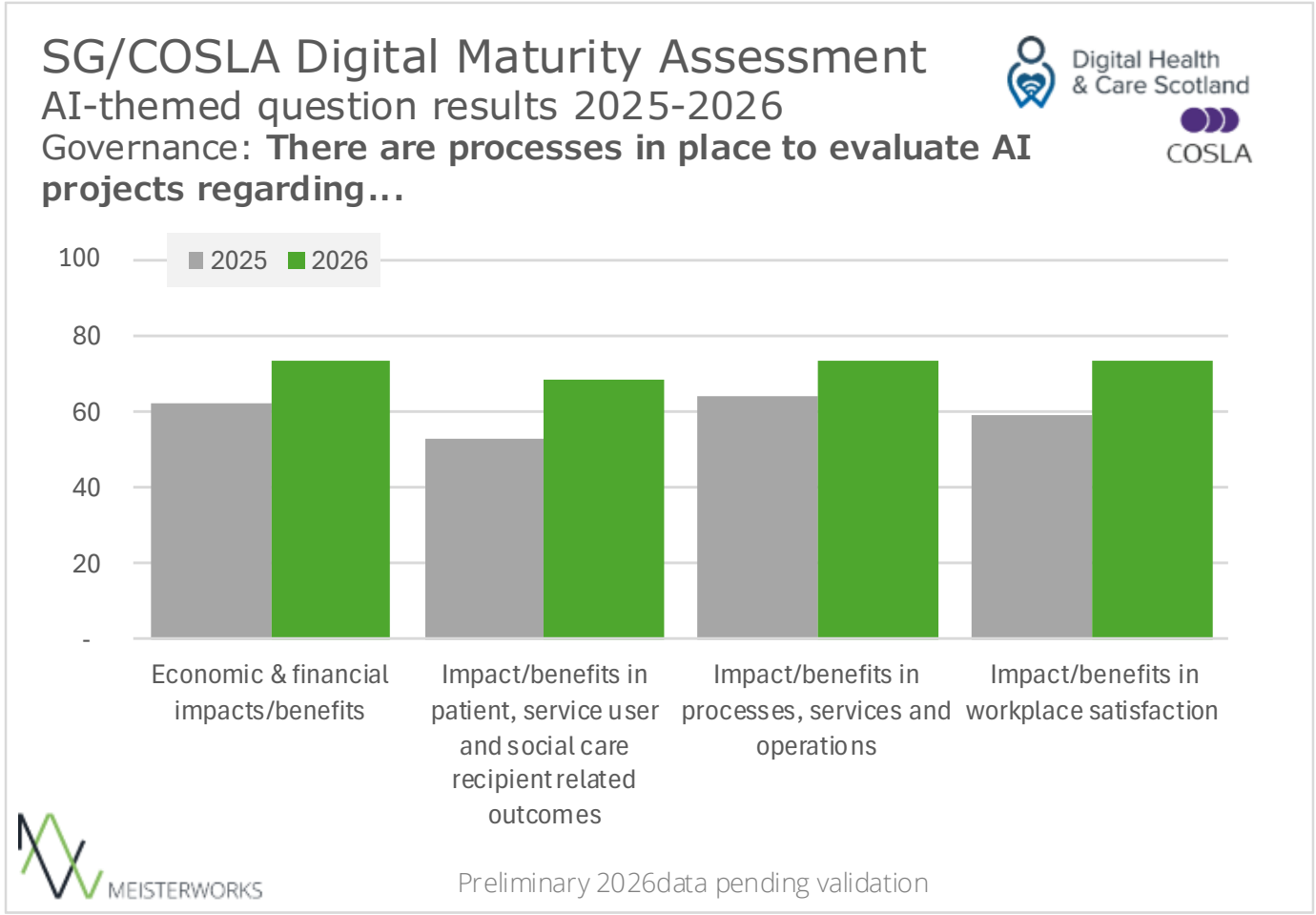
- Procurement capabilities and technical AI expertise was previously highlighted as critical to adoption



Readiness: Governance

AI-specific benefits tracking increasingly in place

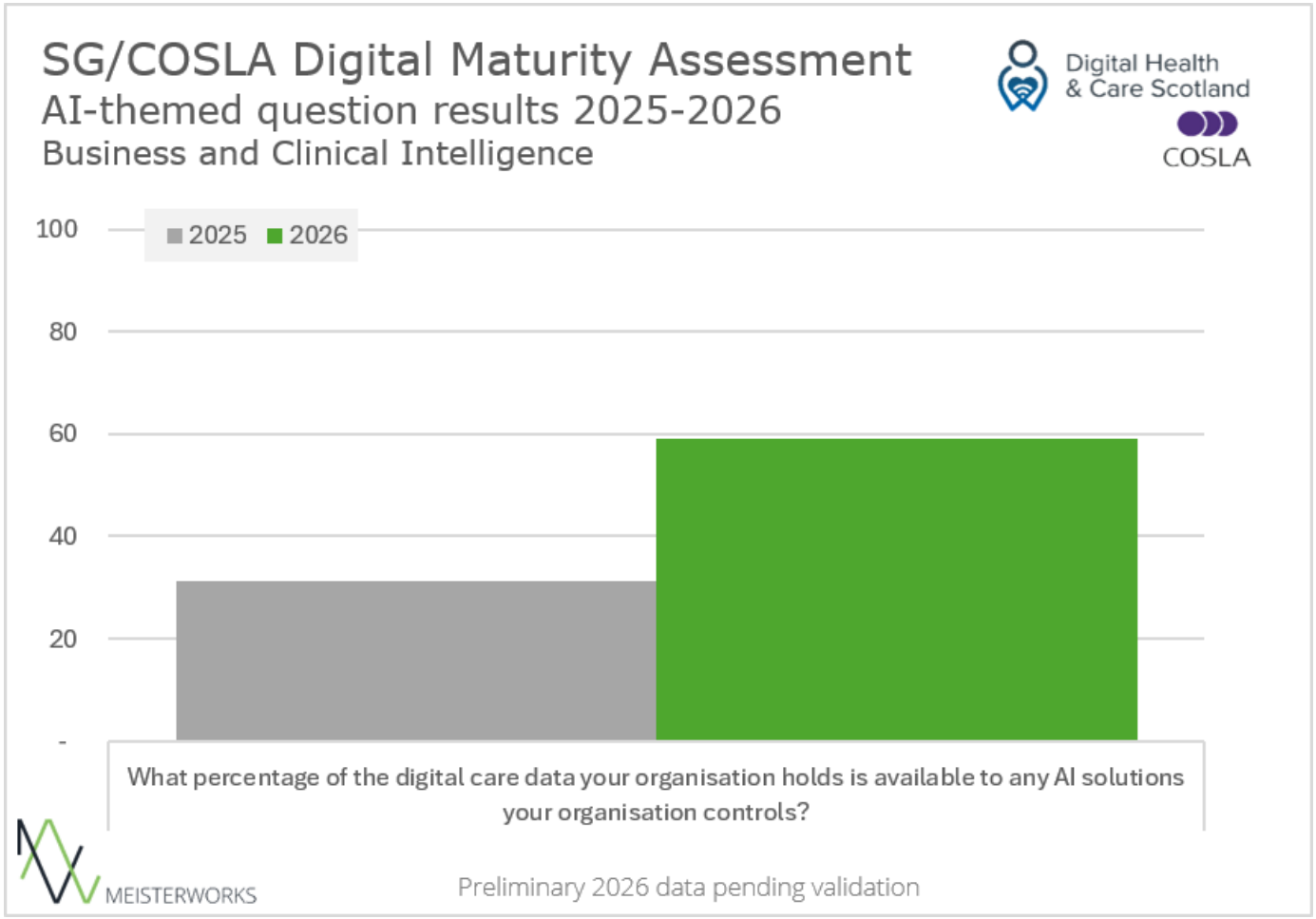
- Digital projects benefits tracking is traditionally challenging but particularly important for AI-related programmes
- Score levels and growth show encouraging signs of maturity



Capabilities: Business and Clinical Intelligence

Availability of care data to AI improved significantly

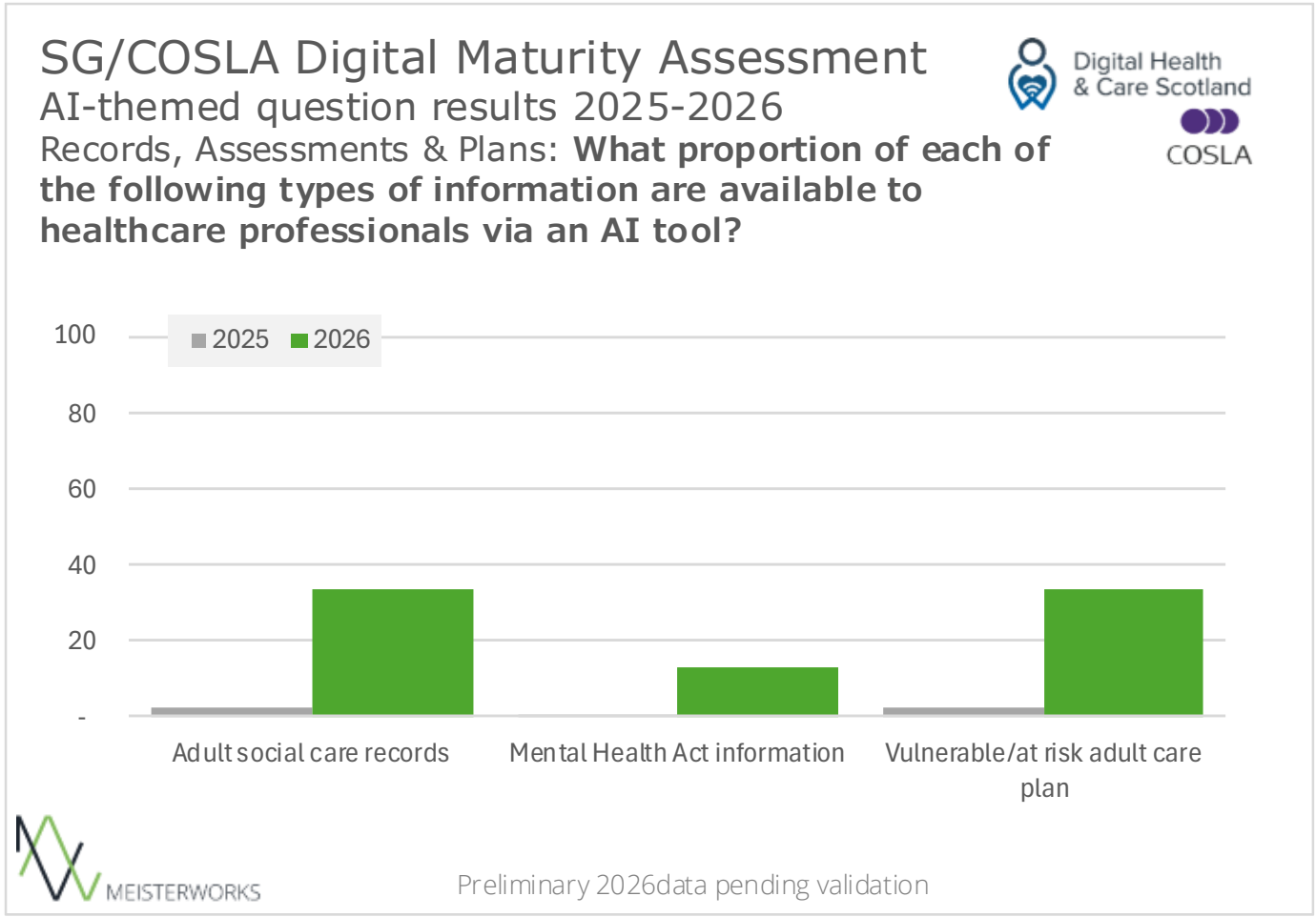
- Availability of workflow-specific data pools is a milestone in AI adoption and a prerequisite for AI productivity
- Progress for this topic is indicative of effective Readiness and prospective implementation of AI Capabilities



Capabilities: Records, Assessments & Plans

First signs of operationalisation of workflow/organisation data AI

- Using AI to capitalise on available information operationally is one of the most promising and most challenging applications
- Growth speaks to maturity of policy frameworks, readiness of data infrastructure



Discussion

- Any surprises?
- Or concerns?
- Any qualitative insights / case studies supporting or opposing findings?
- Why are these Capabilities indicators first to show growth? Low hanging fruit? Technology constraints? Procurement constraints? Variance in implementation difficulty?



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