

AI SELF-ASSESSMENT — DASHBOARD
EVALUATION

Aggregated evaluation of 01.09.2026 · 450 participants · Period: start - 2026-08-21



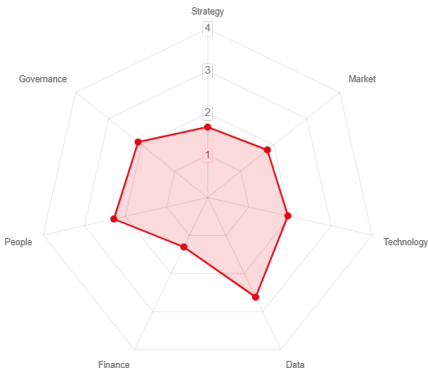
Average AI Maturity · n = 450

2.0

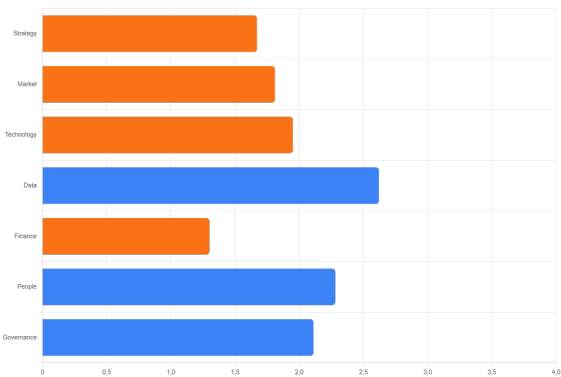
out of 4.0 points

Explorer

Radar chart



Bar chart



Your Overall AI Maturity Results

This table shows the complete assessment of your AI maturity across the seven action areas.

ACTION AREA	SCORE	MATURITY
AI Strategy/Roadmap	1.7	Explorer
Market & Clients	1.8	Explorer
Technology	2.0	Explorer
Data	2.6	Performer
Financing & Benefits	1.3	Starter
People & Culture	2.3	Explorer
Governance	2.1	Explorer

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Greatest Potentials and Possible Investment Areas

The ten lowest-rated topics from 0 (low) to 4 (high)

1.	Success measurement (Financing & Benefits)	1.2/4
2.	AI tests with clients (Market & Clients)	1.3/4
3.	Engineering successes (Financing & Benefits)	1.4/4
4.	Business cases available (Financing & Benefits)	1.4/4
5.	AI roadmap / implementation plan (AI Strategy/Roadmap)	1.7/4
6.	Project management successes (Financing & Benefits)	1.7/4
7.	Innovation ambition clarity (AI Strategy/Roadmap)	1.8/4
8.	Partnerships/specialists (AI Strategy/Roadmap)	1.9/4
9.	Prioritised AI tools/use cases (Technology)	1.9/4
10.	Client openness (Market & Clients)	2.0/4

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Detailed Assessment per Action Area

Results per action area with the respective topic/keyword from the questionnaire.

AI Strategy/Roadmap

Score: 1.7/4.0

Application areas	2.0/4
AI roadmap / implementation plan	1.7/4
Partnerships/specialists	1.9/4
Innovation ambition clarity	1.8/4

Market & Clients

Score: 1.8/4.0

Market trends/client requirements	2.3/4
Efficiency/results clarity	3.0/4
AI tests with clients	1.3/4
Client openness	2.0/4

Technology

Score: 2.0/4.0

Technical possibilities clarity	2.2/4
Prioritised AI tools/use cases	1.9/4
AI infrastructure/apps clarity	2.1/4
Test & learn culture	2.1/4

Data

Score: 2.6/4.0

Data sources	3.0/4
Data management concept	3.0/4
Data quality	2.7/4
Data protection	3.1/4
Quality assurance	2.4/4

Financing & Benefits

Score: 1.3/4.0

Cost clarity	2.1/4
Business cases available	1.4/4
Success measurement	1.2/4
Administrative gains	2.1/4
Engineering successes	1.4/4
Project management successes	1.7/4

People & Culture

Score: 2.3/4.0

AI basic knowledge	2.3/4
AI training	2.0/4
AI perception	3.0/4
Peer exchange & support	2.1/4
Employee involvement	2.3/4

Governance

Score: 2.1/4.0

Legal compliance	2.5/4
AI operating rules	2.5/4
Roles and responsibilities	2.2/4

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AI-Generated Recommendations

AI Maturity Assessment & Recommendations for Swiss Engineering Firms

Aggregate Self-Assessment – 450 Respondents – August 2026

1. AI Strategy / Roadmap

Assessment

The group's mean maturity score of 1.67/4.0 reflects an early exploratory stage with mostly informal or incomplete AI strategic planning. This indicates limited clarity on AI priorities and implementation pathways.

Common gaps

Related weak topics include the AI roadmap and implementation plan (1.71), innovation ambition clarity (1.84), and partnerships with AI specialists (1.85). Typically missing are structured AI roadmaps with milestones, clear innovation positioning (innovator vs. follower), and formalized external collaborations.

Recommended group-level measures

- **Develop structured AI roadmaps:** Start by analysing core engineering processes such as variant studies or design reviews to identify AI application points. Define priorities, milestones, and resource allocation, e.g., integration of AI-powered plausibility checks within BIM workflows.
 - **Clarify innovation ambition:** Decide whether the firm group aims to lead in AI innovation or adopt proven solutions, aligning AI investments accordingly. For example, choosing between piloting cutting-edge AI tools for automated site inspections or standardizing existing AI-supported reporting templates.
 - **Establish partnerships:** Collaborate with AI consultants, Swiss universities, or software providers specializing in engineering AI to enhance expertise and co-develop solutions, such as AI modules for automated fee proposal analyses.
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2. Market & Clients

Assessment

With a score of 1.81/4.0, the group shows limited systematic engagement with clients regarding AI, indicating early-stage efforts to understand market needs and test AI innovations.

Common gaps

Weaknesses include AI tests with clients (1.30) and client openness (1.99). Typically, firms lack pilot projects involving customers and have not fully communicated AI's added value or standardized client interfaces.

Recommended group-level measures

- **Conduct pilot AI projects with selected clients:** Implement small-scale pilots such as AI-assisted plan review automation or automated progress reporting in collaboration with trusting clients, collecting feedback to refine solutions.
 - **Standardize client communication:** Introduce common data formats (compatible with BIM standards) and automated reporting templates to streamline client interactions and increase transparency of AI benefits.
 - **Promote AI value to clients:** Actively inform clients about AI-driven improvements like shorter delivery times or increased quality in site inspection protocols through seminars or digital newsletters.
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3. Technology

Assessment

A maturity score of 1.95/4.0 suggests the group is cautiously exploring AI technologies but lacks a clear prioritization or dedicated infrastructure to support scalable AI deployment.

Common gaps

A key weak topic is the prioritization of AI tools and use cases (1.87). Firms typically do not maintain a documented list of AI initiatives tailored to their IT environment or lack “Test & Play” environments.

Recommended group-level measures

- **Map and prioritise AI use cases:** Assess potential AI applications such as automated CAD model generation or error detection in engineering calculations, ranking them by feasibility and impact for IT teams.
 - **Build secure AI infrastructure:** Establish secure private clouds or integrate AI capabilities directly into BIM/CAD platforms with clear data security protocols.
 - **Create ‘Test & Play’ environments:** Provide engineers with sandbox environments to experiment with AI tools safely, encouraging hands-on evaluation before wider adoption.
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4. Data

Assessment

The highest scoring area at 2.62/4.0 indicates relatively better maturity in data management, suggesting the group has foundational data inventories and quality measures in place.

Common gaps

No top-10 weakest topics fall under data, but ongoing challenges likely include comprehensive data inventories and consistent data quality standards.

Recommended group-level measures

- **Maintain and update data inventories:** Catalogue essential data types—CAD files, project key figures, fee proposals—and assign clear responsibilities and storage locations aligned with BIM standards.
 - **Implement data management concepts:** Apply version control, structured filing, and machine-readable formats to ensure data is accessible and reliable across projects.
 - **Ensure data security and compliance:** Adhere strictly to Swiss DSG regulations on data storage and access, particularly for sensitive client or project data.
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5. Financing & Benefits

Assessment

At 1.30/4.0, this area shows the weakest maturity, highlighting insufficient economic justification and benefit tracking for AI investments.

Common gaps

Top weaknesses include success measurement (1.17), engineering successes (1.43), business cases (1.43), and project management successes (1.74). Firms lack structured benefit measurement, well-developed business cases, and transparent cost tracking.

Recommended group-level measures

- **Develop clear business cases:** For each AI initiative (e.g., automated plan reviews), define expected benefits, risks, KPIs, ROI timelines, and resource needs to guide investment decisions.
 - **Introduce benefit measurement frameworks:** Track productivity gains, lead time reductions, or error decreases in engineering tasks using quantitative metrics.
 - **Manage AI budgets transparently:** Record all AI tool costs and licences, applying budget controls and guidelines to ensure cost-effective deployment.
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6. People & Culture

Assessment

A 2.28/4.0 score indicates moderate maturity with some AI training and cultural acceptance, yet room remains to deepen skills and embed AI positively.

Common gaps

While not in the top-10 weakest, common gaps include limited basic AI training across roles and insufficient knowledge sharing platforms.

Recommended group-level measures

- **Implement basic AI training:** Roll out standardized training covering AI opportunities, limitations, and risks tailored to engineering roles.
 - **Promote open learning culture:** Create forums such as AI lunches or internal demos where staff share experiences using AI in tasks like site inspections or fee proposal automation.
 - **Involve employees early:** Engage teams in pilot projects and tool selection to build ownership and reduce resistance.
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7. Governance

Assessment

With a 2.11/4.0 score, governance shows foundational controls but lacks comprehensive rules and monitoring for responsible AI use.

Common gaps

No direct top-10 weaknesses, but gaps likely include unclear AI roles, approval processes, and ongoing monitoring.

Recommended group-level measures

- **Define AI operating rules:** Establish clear guidelines on AI use, data confidentiality, and approval workflows for outputs shared externally (e.g., client reports).
- **Assign AI roles:** Clarify responsibilities such as AI owner, data steward, and quality assurance officer within projects involving AI tools.
- **Implement monitoring processes:** Regularly review AI tool usage, model behavior, and potential risks to ensure compliance and performance.

Prioritised Top-5 Quick Wins Across Action Areas

1. **Develop and communicate a clear AI roadmap** focused on key engineering processes (AI Strategy/Roadmap).
2. **Initiate pilot AI projects with select clients** to test and demonstrate AI benefits (Market & Clients).
3. **Create documented business cases and benefit metrics** for AI initiatives to justify investments (Financing & Benefits).
4. **Set up 'Test & Play' environments** to enable safe experimentation with AI tools by engineers (Technology).
5. **Launch basic AI training programs** for all staff emphasizing practical AI use and cultural acceptance (People & Culture).

Further Resources

- **suisse.ing Academy:** Practical training modules and workshops tailored to Swiss engineering firms on AI strategy, technology, and project implementation.
- **Engineering AI Blog:** Regular updates, case studies, and expert insights focused on AI trends and best practices within the Swiss engineering sector.

For questions or support, please contact the suisse.ing office directly.

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What's Next?

- Discuss the results with your team and management
- Invite your team to a strategy workshop to discuss the AI action areas
- Subscribe to the suisse.ing newsletter
- Contact the suisse.ing office for training opportunities