



Generative AI

- living in a
transitional time

Martin Fjeldbonde, Audit & Assurance



Martin Fjeldbonde

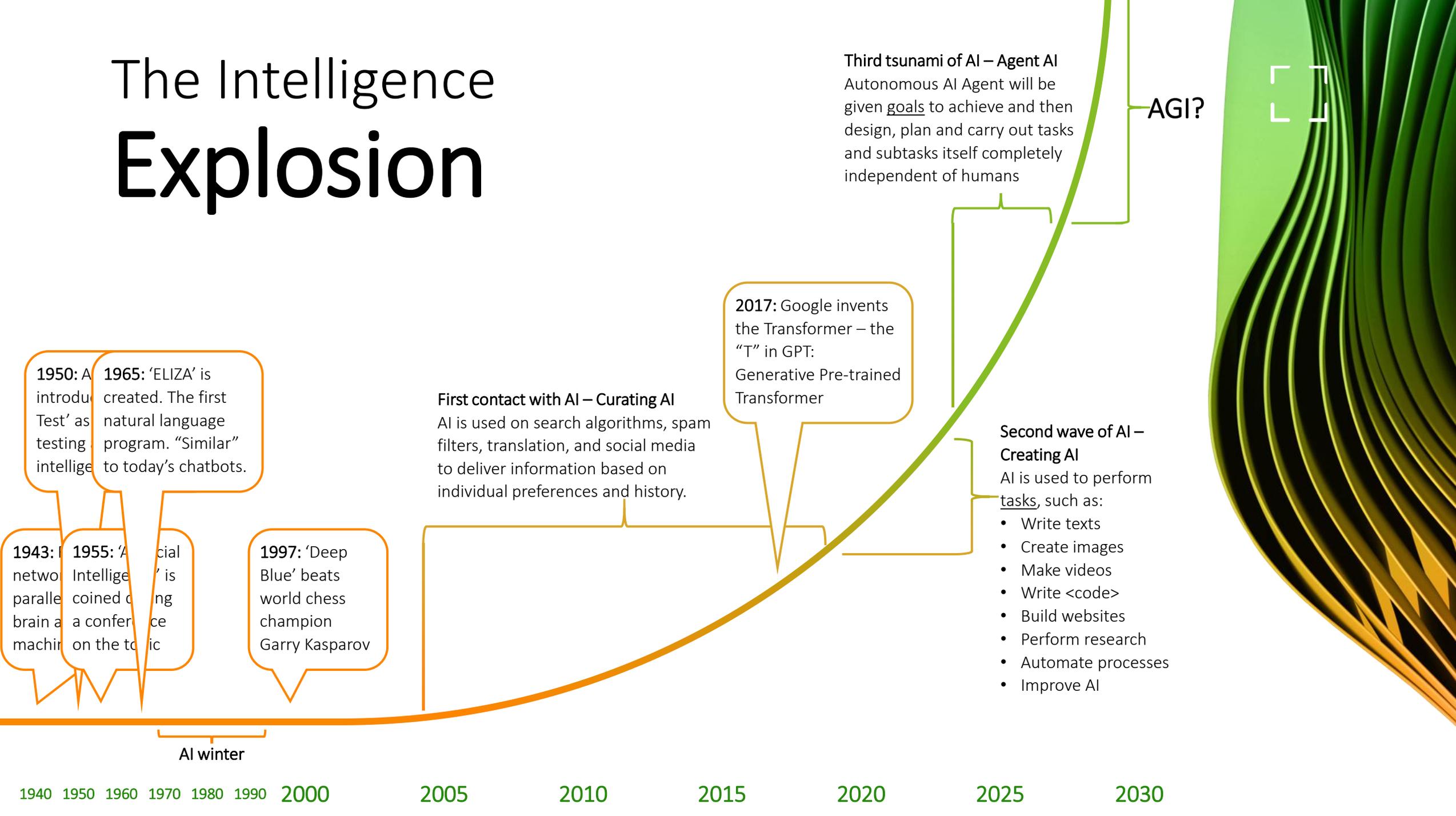
Deloitte since 2005

Educational background in
Strategy, Organization, and Leadership

Current roles within Audit & Assurance:

- Nordic COO
- Nordic GenAI lead
- Global GenAI Steering committee member

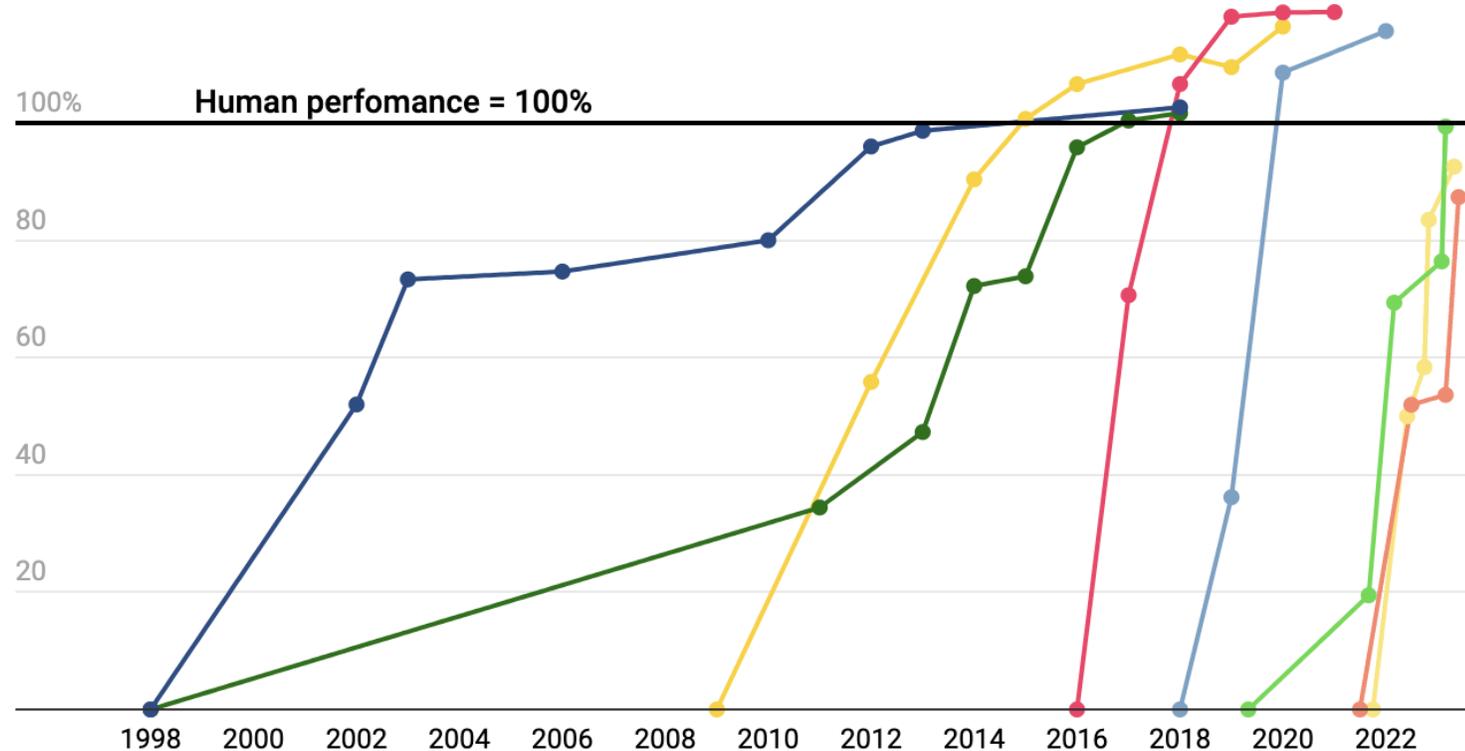
The Intelligence Explosion



AI has surpassed humans at a number of tasks and the rate at which humans are being surpassed at new tasks is increasing

State-of-the-art AI performance on benchmarks, relative to human performance

- Handwriting recognition
- Speech recognition
- Image recognition
- Reading comprehension
- Language understanding
- Common sense completion
- Grade school math
- Code generation



For each benchmark, the maximally performing baseline reported in the benchmark paper is taken as the “starting point”, which is set at 0%. Human performance number is set at 100%. Handwriting recognition = MNIST, Language understanding = GLUE, Image recognition = ImageNet, Reading comprehension = SQuAD 1.1, Reading comprehension = SQuAD 2.0, Speech recognition = Switchboard, Grade school math = GSK8k, Common sense completion = HellaSwag, Code generation = HumanEval.

Chart: Will Henshall for TIME • Source: [ContextualAI](#)



It is called
**Artificial
Intelligence**
for a reason





OpenAI mission:

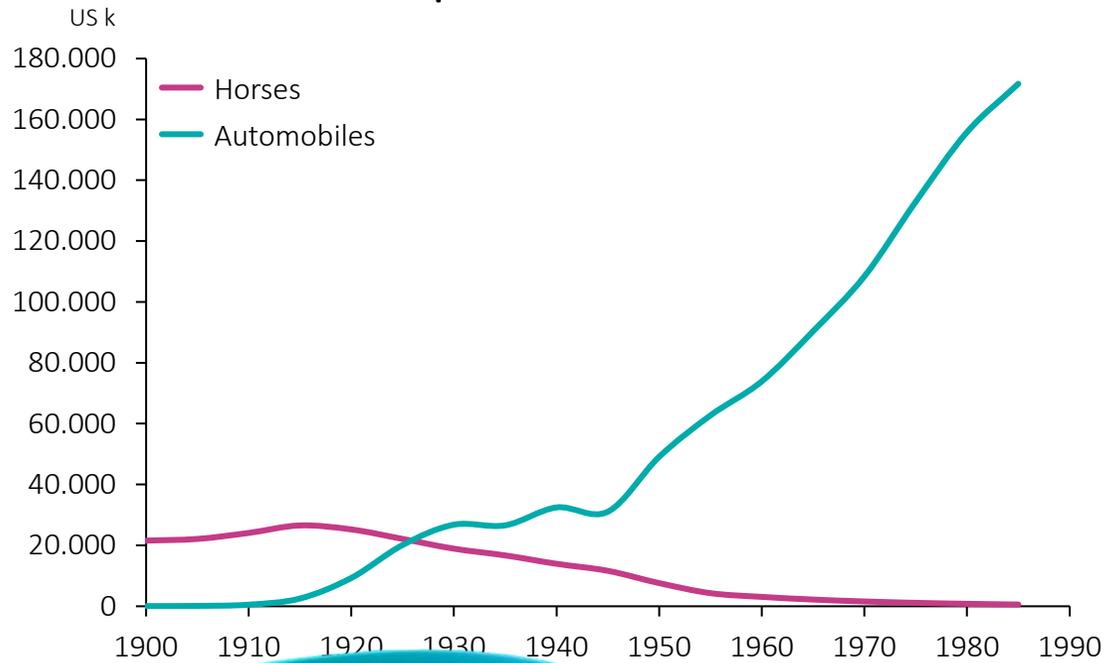
*To ensure that
AGI benefits all
of humanity*

Google Deepmind's mission:

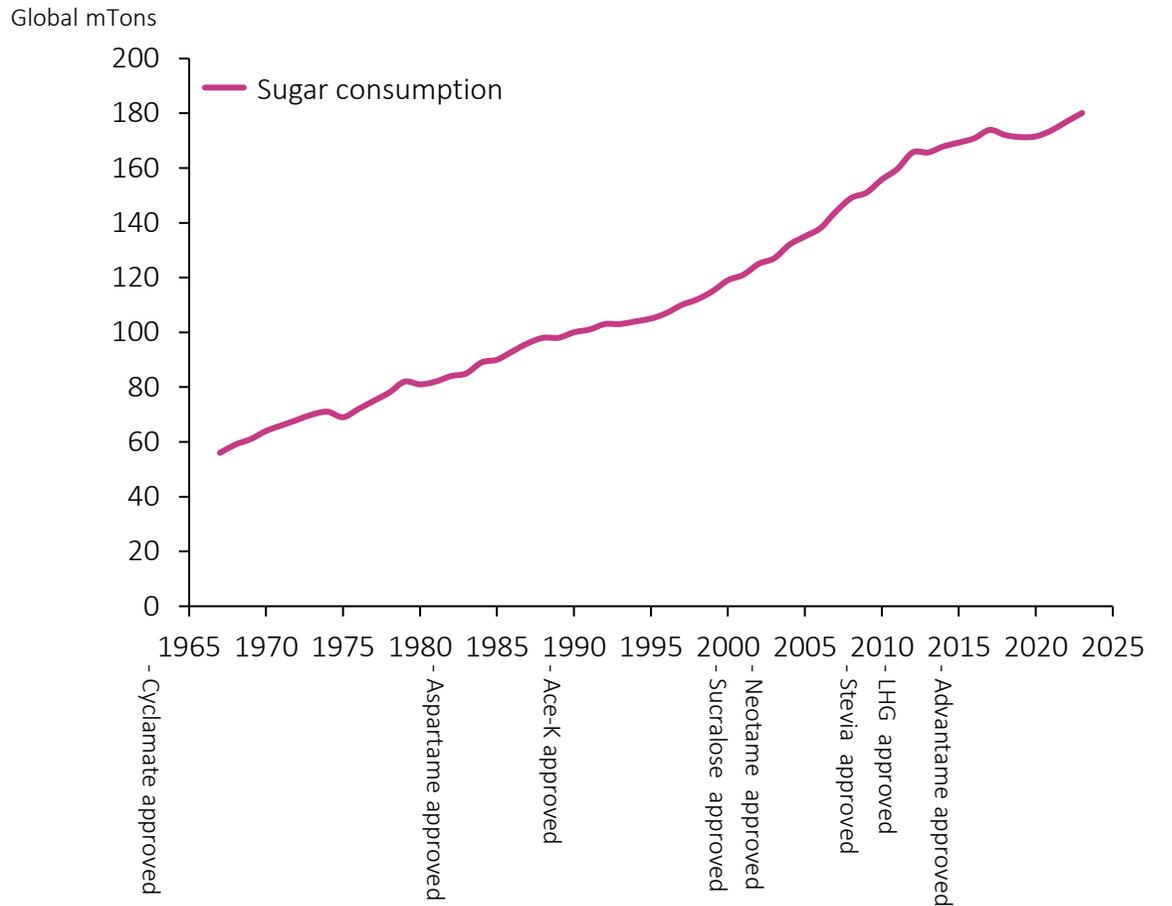
*To 'solve intelligence'
and then use intelligence
'to solve everything else'*

What happens when you introduce an artificial version into the market?

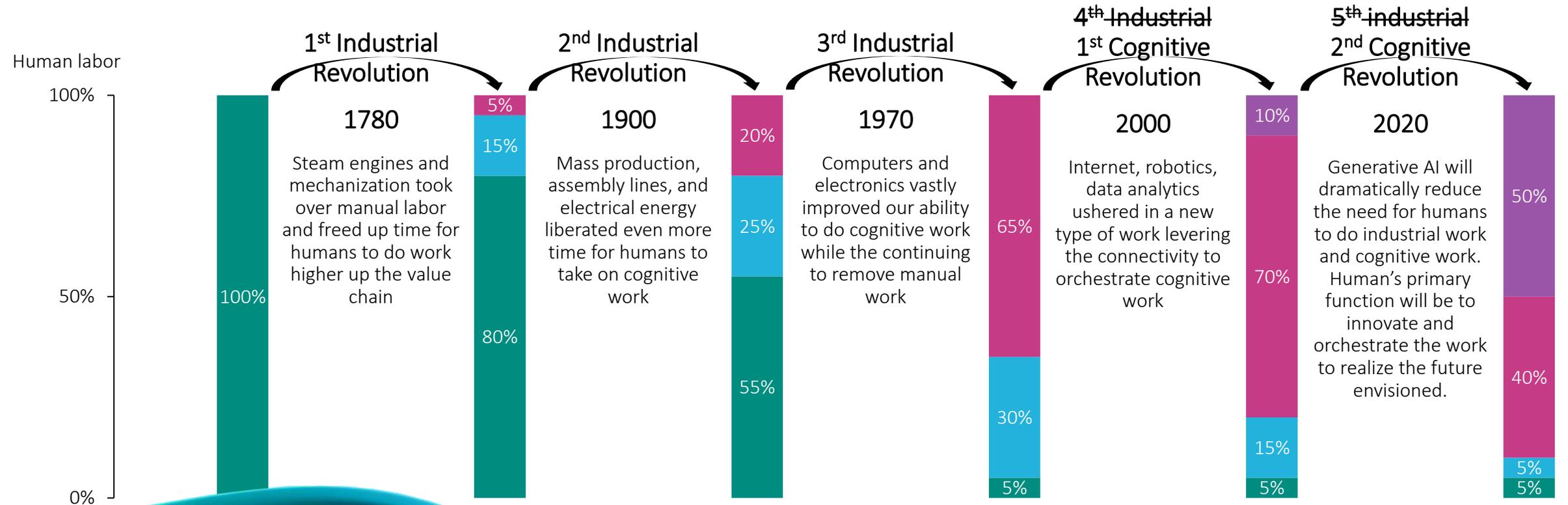
Artificial horsepower



Artificial sweeteners

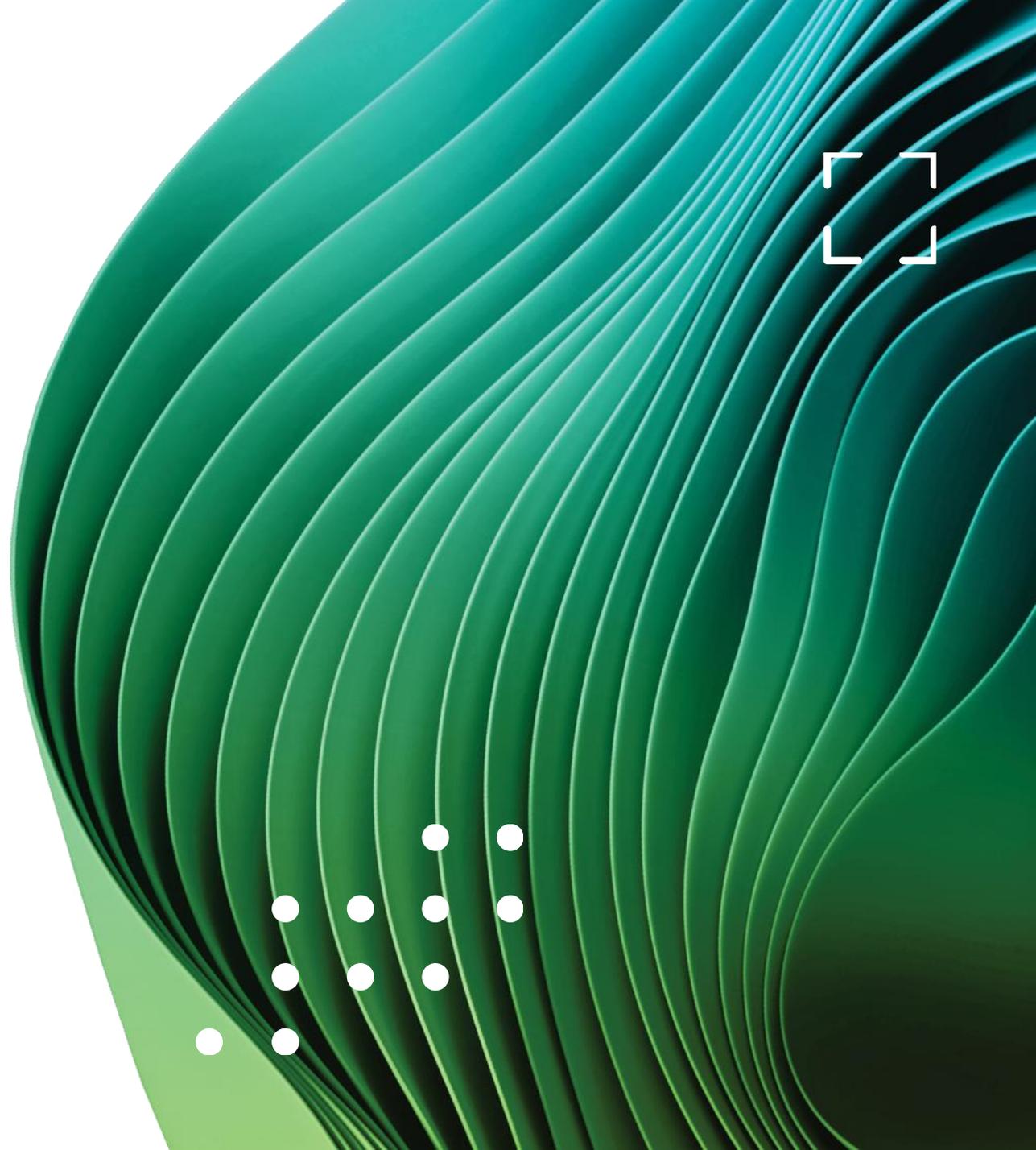


What will happen to human labor?



- Manual work: Humans doing the physical work
- Industrial work: Humans managing machines that do the physical work
- Cognitive work: Humans doing the intellectual work

Take the
robot
out of the
human



How will this impact the professional services firms?

Tasks completed

25%

Faster

Quality improved

40%

on average

Overall performance

+43%

For employees below average

Overall performance

+17%

For employees above average

Outside AI capabilities

-19%

Less likely to produce correct result

It can be very difficult to know what is “outside AI capabilities” as that frontier is constantly being pushed



Navigating the Jagged Technological Frontier: Field Experimental Evidence of the Effects of AI on Knowledge Worker Productivity and Quality

Fabrizio Dell'Acqua
Harvard Business School

Edward McFowland III
Harvard Business School

Ethan Mollick
The Wharton School

Hila Lifshitz-Assaf
Warwick Business School

Katherine C. Kellogg
MIT Sloan School of Management

Saran Rajendran
Boston Consulting Group

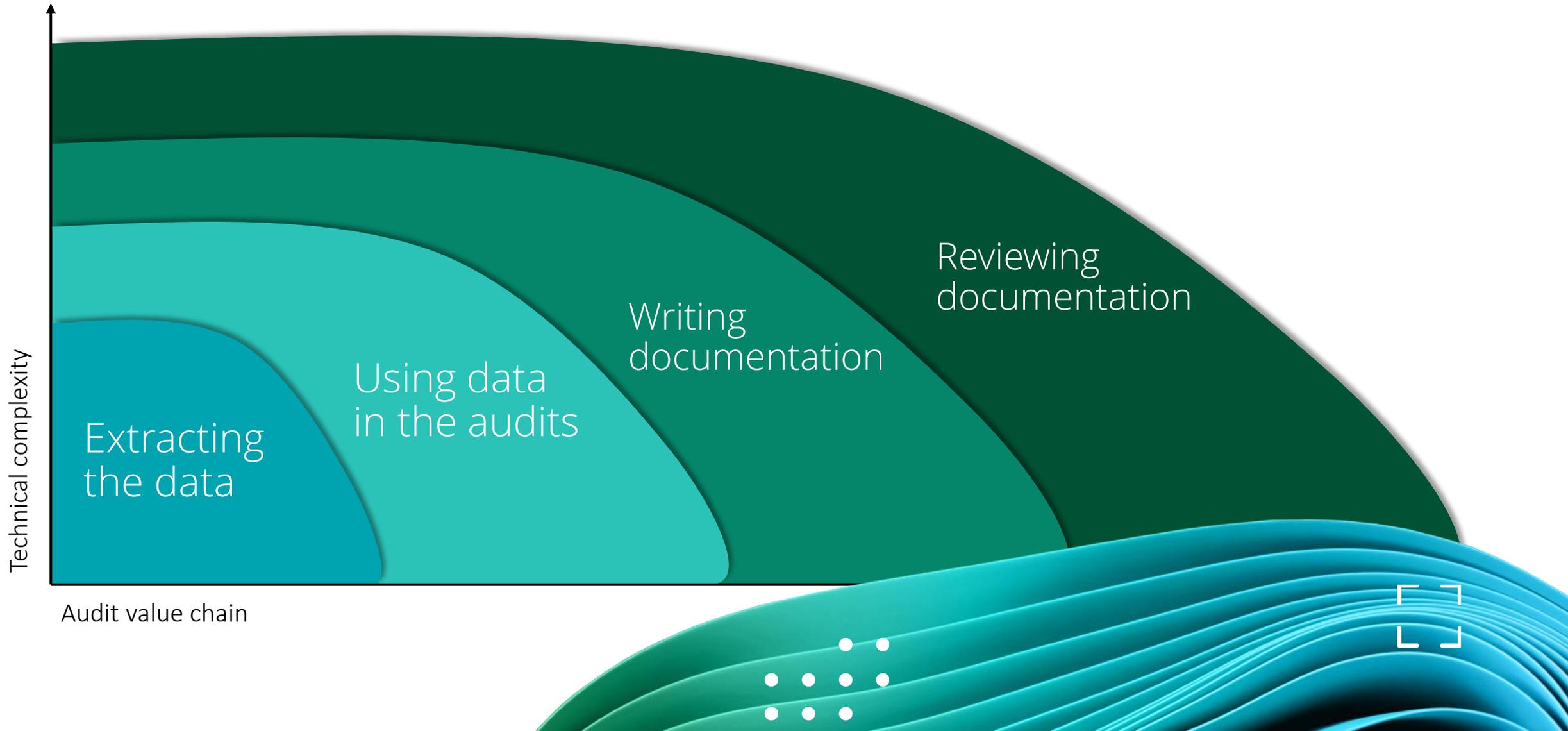
Lisa Krayer
Boston Consulting Group

François Candelon
Boston Consulting Group

Karim R. Lakhani
Harvard Business School

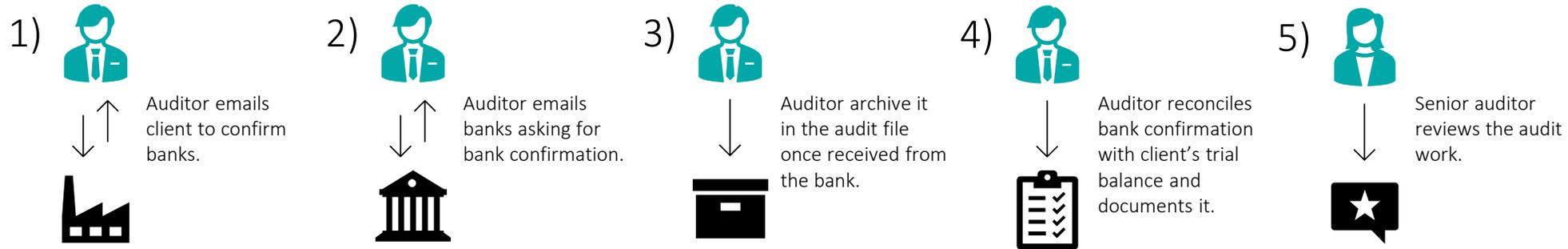


Pushing the boundaries for what can be automated in with AI

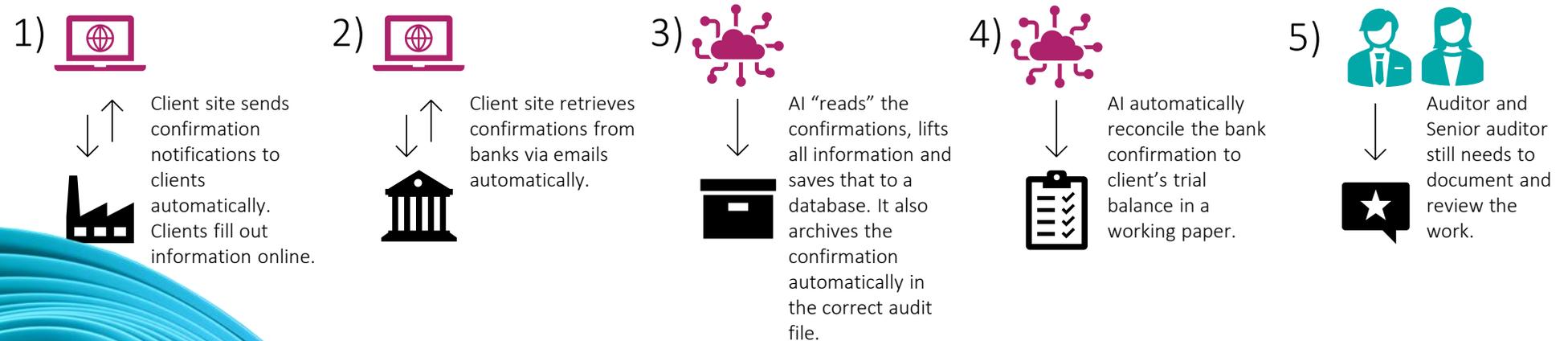


Automating processes with AI: Audit of cash

Old process

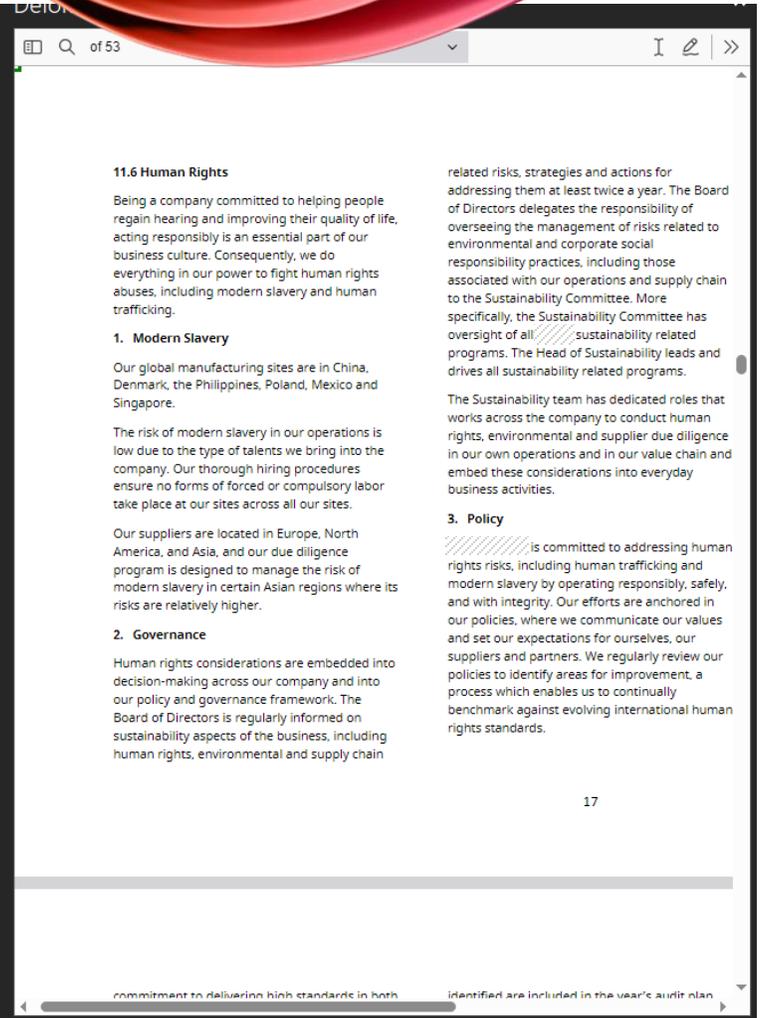


New process



Automating processes with AI: Going through checklists – AML, ESG, IFRS, etc.

1	Paragraf	Ordlyd	Område	Kontrol	Undersøgelse	Side
1	§99a, 2 §99a, 2, 1)		HUMAN RIGHTS	Control that the company in their established and documented policies on HUMAN RIGHTS have included: Policy Content: It is stated that the company has a policy on the topic(s) and the content of the policy is described. Any corporate social responsibility standards, guidelines or principles that the company applies are clearly identified.	<p>We confirm: The company has established and documented policies on human rights. The content of these policies is described in detail across various sections of the documents provided.</p> <p>The company's approach is guided by international protocols and procedures including the UN Guiding Principles on Business and Human Rights, the OECD Guidelines for Multinational Enterprises, the International Labor Organization Core Conventions, and the Ten Principles of the United Nations Global Compact on human rights, labor, environment, and anti-corruption (22142n 1st Draft AR - CSR compliance check review round 4 - D TTL comments 211123(17-01-2024 08.38.29).pdf, side: 17).</p> <p>The company's Human Rights policy, launched in FY22-23, demonstrates their commitment to respecting fundamental human rights and the dignity of people connected to their business around the world (22142n 1st Draft AR - CSR compliance check review round 4 - D TTL comments 211123(17-01-2024 08.38.29).pdf, side: 17).</p> <p>The company's Code of Conduct, available in 15 languages, outlines their expectations of all employees and demonstrates their commitment to complying with applicable laws, rules, and regulations. It guides behavior on topics such as fair treatment of employees, workspace conduct, respecting data privacy, and how to work with business partners (22142n 1st Draft AR - CSR compliance check review round 4 - D TTL comments 211123(17-01-2024 08.38.29).pdf, side: 17).</p> <p>The company also has a Supplier Code of Conduct, which outlines their requirements on suppliers concerning their compliance with applicable laws and responsibilities to respecting labor and human rights. Suppliers are required to sign this as a prerequisite to starting a business relationship with the company (22142n 1st Draft AR - CSR compliance check review round 4 - D TTL comments 211123(17-01-2024 08.38.29).pdf, side: 18).</p> <p>The company's policies, practices, and procedures to assess and address the risk of modern slavery apply to their operations and supply chains worldwide. This statement has been prepared in compliance with the requirements of the United Kingdom Modern Slavery Act and the Act on Corporate Due Diligence to Prevent Human Rights Violations in Supply Chains (Lieferkettensorgfaltspflichtengesetz) (22142n 1st Draft AR - CSR compliance check review round 4 - D TTL comments 211123(17-01-2024 08.38.29).pdf, side: 20).</p>	17
2						18
3						20
4	§99a, 2, 2)		HUMAN RIGHTS	Control that the company in their established and documented policies on HUMAN RIGHTS have included:	<p>We confirm: The company has described how it translates its CSR policies into actions, including the systems and procedures used.</p> <p>The company's approach to implementing its human rights policies is multi-faceted and involves various departments and stakeholders. The salient human rights issues in the company's operations are owned by relevant departments such as EH&S, HR, Legal, Marketing, and Quality. The supply chain human rights issues are jointly owned by Procurement, Sustainability, and Legal (22142n 1st Draft AR - CSR compliance check review round 4 - D TTL comments 211123(17-01-2024 08.38.29).pdf, side: 19).</p> <p>The company conducts regular social compliance audits from its customers and assesses its own human rights risks through regular audits. These audits are carried out by the Global EH&S Officer on the company's sites and cover both social and environmental & safety areas (22142n 1st Draft AR - CSR compliance check review round 4 - D TTL comments 211123(17-01-2024 08.38.29).pdf, side: 19).</p> <p>The company conducts due diligence procedures to evaluate the qualifications and reputation of suppliers and subcontractors.</p>	19



Automating processes with AI: Review AI

The screenshot displays a software interface for AI review. On the left, a text box titled 'Documentation' contains a paragraph about reconciliation. On the right, a panel titled 'Omnia AI Review Assistant' lists three error checks: 'Unsupported Claim Check', 'Language Error Check', and 'Inconsistent Sentence Check'. The interface includes a 'Submit' button at the top right and a date/time stamp for each error.

Risk Assessment tailoring
Documentation

The reconciliation is prepared by the Corporate Accountant on a monthly basis, as evidenced by the binder full of monthly reconciliations that we inspected. The Trial Balance report is generated for the accounts listed above and serves as the basis for the reconciliation. After the other reports are generated to Excel, the Corporate Accountant consolidates the reports into the reconciliation, which we observed them done in real real. Each account balance on the Trial Balance report is supported by a tab within the reconciliation file, which we confirmed visually. The Corporate accountant signs off on the reconciliation on a weekly basis, as evidenced by a digital sign off in the file.

Omnia AI Review Assistant

OR Omnia Reviewer: Unsupported Claim Check

This documentation contains claims which are not supported by evidence.

Claim: The Trial Balance report is generated for the accounts listed above and serves as the basis for the reconciliation

Please revise your documentation to explicitly provide support for the claims noted here.

12/6/2022 9:42am #001

OR Omnia Reviewer: Language Error Check

There is one grammatical error in the text.

Error: "which we observed them done in real real."

Correction: "which we observed them doing in real time."

12/6/2022 9:42am #002

OR Omnia Reviewer: Inconsistent Sentence Check

"The reconciliation is prepared by the Corporate Accountant on a monthly basis, as evidenced by the binder full of monthly reconciliations that we inspected." - This sentence is coherent.



Generative AI will
not replace you...

A person using
GenAI will.

Deloitte.

Thank you!

Do reach out on LinkedIn to
continue the conversation:

Martin Fjeldbonde

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