

ATTITUDES TOWARDS EMERGING TECH – GERMANY – 2023

Generative AI offers a wealth of opportunities for brands, especially in engaging younger adults. Addressing concerns such as AI's impact on human interactions is key to enabling a smooth transition.



Jan Urbanek, Principal Analyst



Attitudes Towards Emerging Tech - Germany - 2023

This report looks at the following areas:

- The impact of the cost-of-living crisis on emerging technologies
- The approach German consumers take to adopting emerging technologies
- Use and interest in emerging technologies, including Virtual Reality, Generative AI and cryptocurrency
- The perceived impact of AI on different areas, including shopping, healthcare and the job market
- Technologies German consumers are most excited to see development for in the future, including smart home technology and driverless cars
- Attitudes towards emerging technologies, including the appeal of AI-generated art, humans' capacity to emotionally connect to robots, and the perceived future of cryptocurrencies



Generative AI offers a wealth of opportunities for brands, especially in engaging younger adults. Addressing concerns such as AI's impact on human interactions is key to enabling a smooth transition.

Overview

44% of German 16-34s think art generated by AI can be just as appealing as art generated by humans (vs 27% for all). This highlights significant **opportunities for brands to use AI for content generation when targeting younger adults, such as with content for streaming services or advertising.**

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Early Adopters of emerging technologies are typically higher-income earners, who are less affected by rising costs of living. As such, the market for emerging technologies is expected to remain relatively resilient to economic turbulence. However, **since not all Early Adopters are high earners, brands can promote growth by striving for income inclusivity**, for example by offering rental options for devices such as VR headsets.

German consumers in particular look forward to **AI helping them find information**, presenting opportunities for brands to implement AI tools and features (eg Amazon's AI customer review summaries). **Younger Germans are particularly positive about how AI might improve shopping**, enabling brands to enhance their ecommerce experience, ranging from hyper-personalisation of information to chatbot assistance.

However, Germans tend to perceive the impact of AI on the job market and human interactions negatively. To **capitalise on the power of AI, brands adopt a positive narrative around AI**, by highlighting how it can free up time for more interpersonal tasks in the workplace.

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Report Content



EXECUTIVE SUMMARY

- The five-year outlook for emerging technologies

Market context

- Ease adoption by anticipating Germans' perception of tech
 - Graph 1: perceived impact of technology on selected areas of life, 2023
- Affluence of Early Adopters to protect emerging tech from economic turbulence
 - Graph 2: usage of emerging technologies, by net monthly household income, 2023

Opportunities

- Harness the full power of AI by alleviating consumer concerns
 - Graph 3: anticipated impact of AI on areas of life, 2023
- Leverage AI to enhance the customer journey
- Use chatbots to assist younger consumers' shopping experience
- Capitalise on younger Germans' openness towards AI-generated content
- Employers: highlight how AI can promote human interactions

MARKET DRIVERS

The German economy

- Stagnation follows a technical recession
 - Graph 4: key economic data, in real terms, 2019-24
- Continuously high inflation shapes consumers, brands and the economy...
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 - Graph 8: change in overall mental wellbeing compared to a year ago, 2022

WHAT CONSUMERS WANT AND WHY

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- Germans are open but hesitant with emerging technologies
- Focus on Early Adopters to reassure the mainstream
- Age and gender predict affinity towards emerging tech
 - Graph 9: respondents who like to try emerging technologies as soon as they are available, by age & gender, 2023
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- ...but consider broadening appeal
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- Germans and AI: interested, but concerned
 - Graph 15: anticipated impact of AI on areas of life, 2023
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Attitudes towards Emerging Tech – Germany – 2023

- Don't lose the human factor
 - Graph 16: perceived impact of AI on how we interact with each other, by age, 2023
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- ...and use a hybrid approach to get older Germans on board
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 - Graph 19: perceived impact on varying areas, by negative perception of AI on human interactions, 2023

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 - Graph 20: technologies most excited to see developments for in the future, 2023
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- AI content is shaping pop culture among younger Germans – tap it!
- Heinz taps generative AI shaping pop culture
- Leverage crypto to resonate with younger German men
- Embrace the future potential of robots

LAUNCH ACTIVITY AND INNOVATION

- Apple announces its first take on the VR/AR device market

- Apple announced its first take on the VR/AR device market
- Google develops AI tools for healthcare
- Amazon to bring Generative AI to Amazon Astro in coming years

APPENDIX

Appendix – abbreviations, consumer research methodology and language usage

- Abbreviations
- Consumer research methodology
- A note on language

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