# Tech innovations through a Coronavirus lens

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# Background and context

First shared these findings at a Digital Leader's salon event on the 11th March.

When we put the survey together, I didn't appreciate the relevance and importance of the questions we posed about developments in the last ten years.

# 2020 tech trends survey

## Questions we wanted to explore

We were seeking a view from technologists, across industries and seniority, about which technologies had and would have the greatest impact.

### Questions for the IT industry?

How does it feel about the future?

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What challenges does it face?

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How prepared is it to face the next decade's challenges?

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What trends will come to the forefront?

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# Survey demographics

293 respondents

57% Tech teams 50+

Oct '19 responses collected

2020 tech trends

72% based in the UK

53% Private sector

44% More than 500 employees

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# Q: What do you see as the most significant technological development of the last ten years and why?

| | |
|---|---|
| **1** | Cloud |
| **2** | Mobile/Smartphones |
| **3** | AI |

| | | | | |
|---|---|---|---|---|
| **4** | Data | **9** | Speed |
| **5** | Machine Learning | **10** | IoT |
| **6** | Automation | **11** | SaaS |
| **7** | Blockchain | **12** | Virtual Reality |
| **8** | Voice | **13** | Agile |
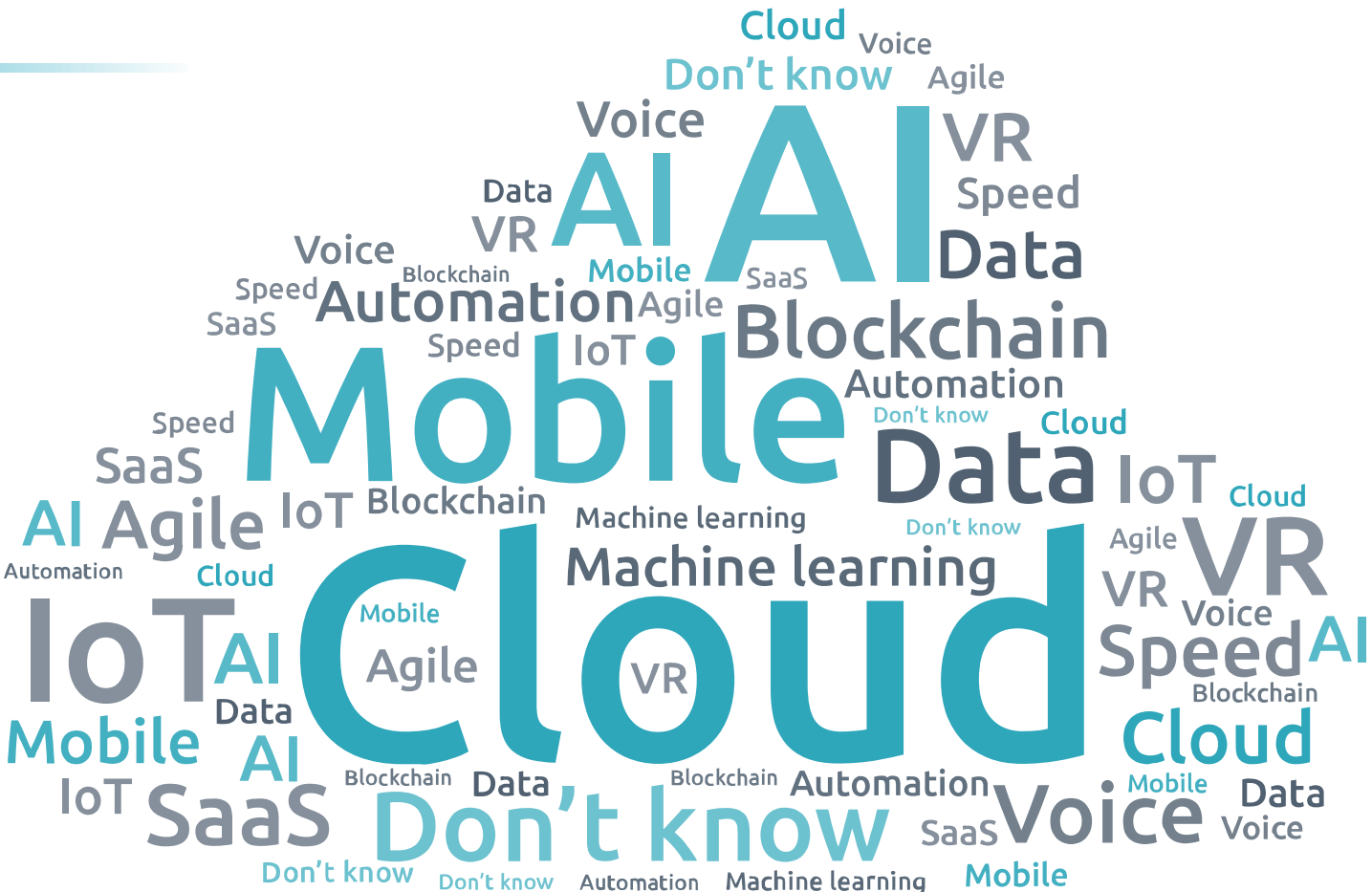
# The importance of cloud & mobile
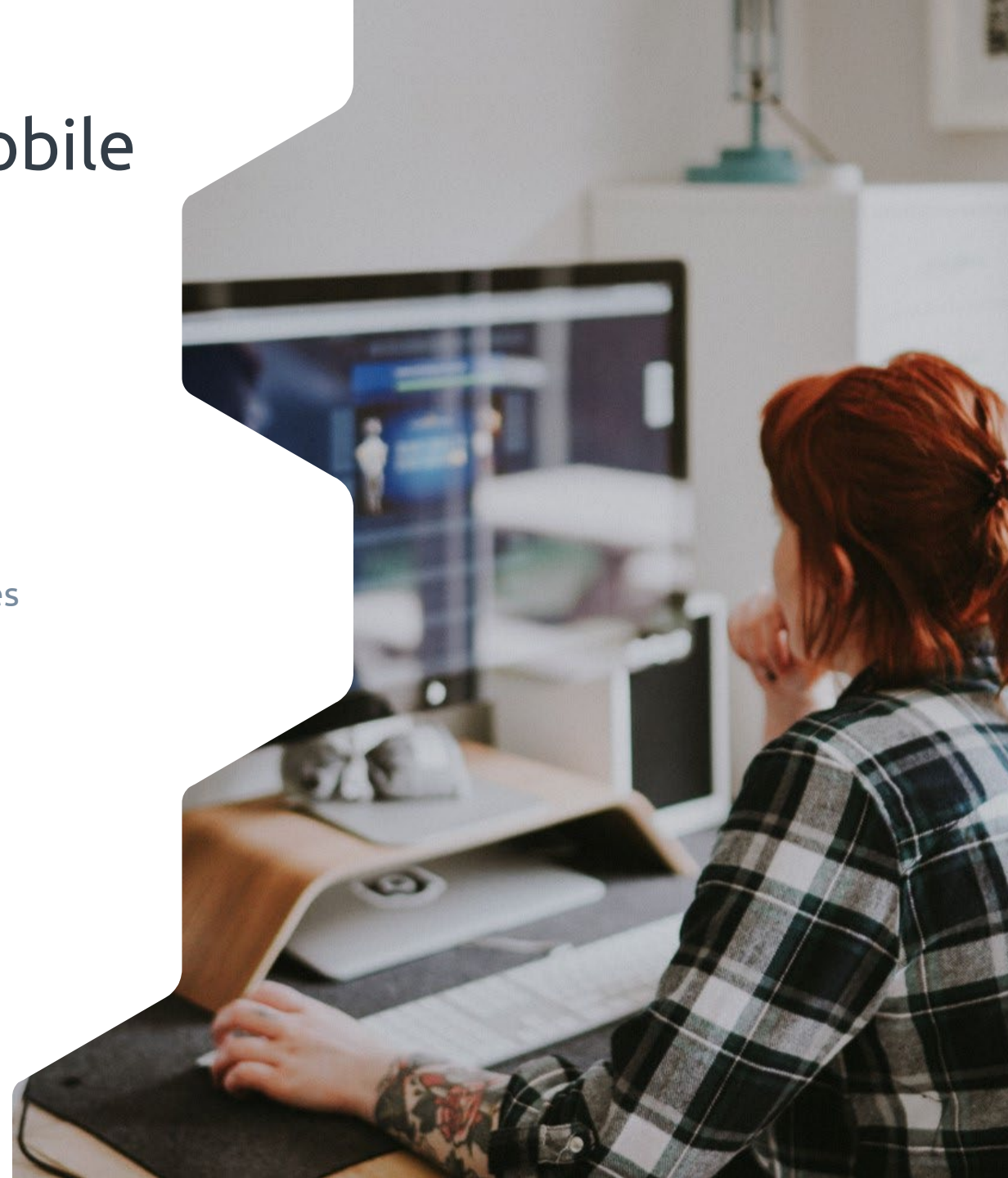
## The new homeworking imperative

Our kids are at home taking lessons via <u>Google Classroom</u> or <u>Microsoft Teams</u>.

Our colleagues are working on transformation programmes on an entirely distributed basis.

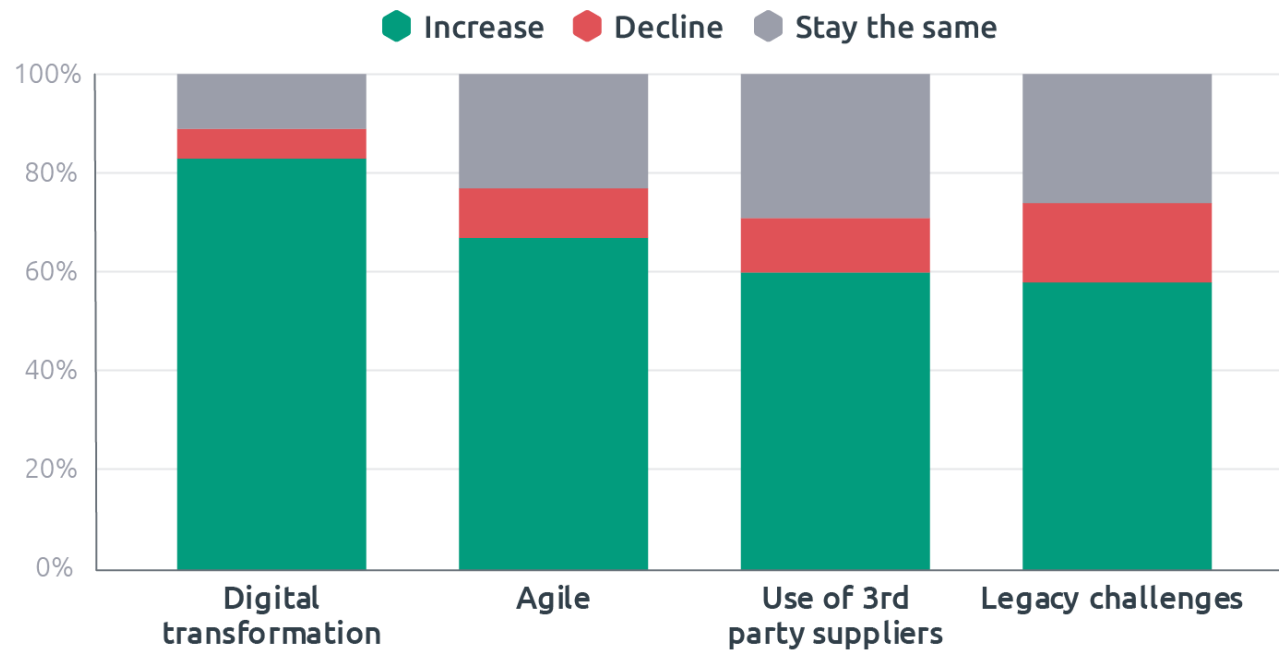Our vulnerable are able to order their groceries and essential needs online.

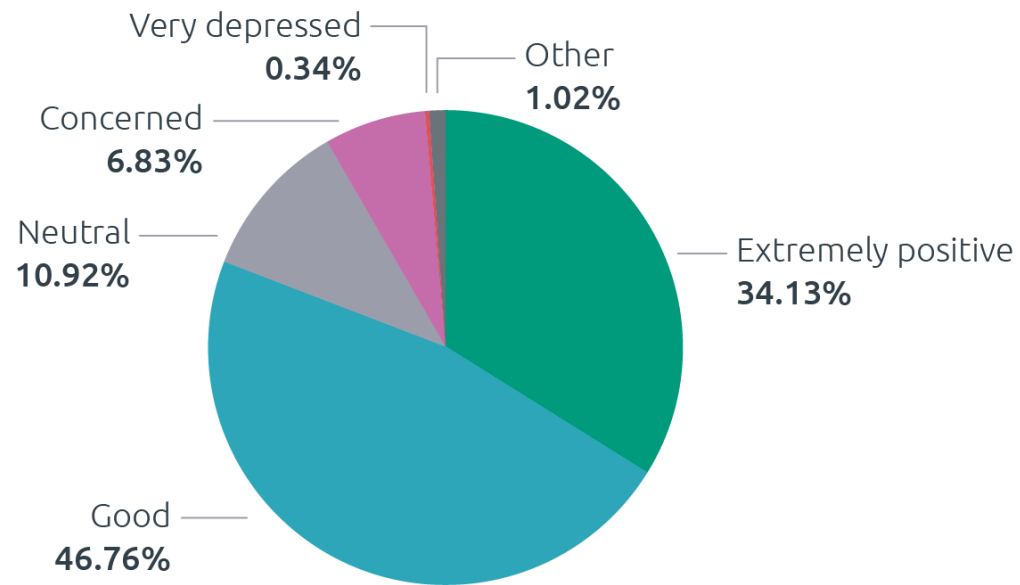Families are staying in touch through <u>WhatsApp</u> groups.

# Future trends

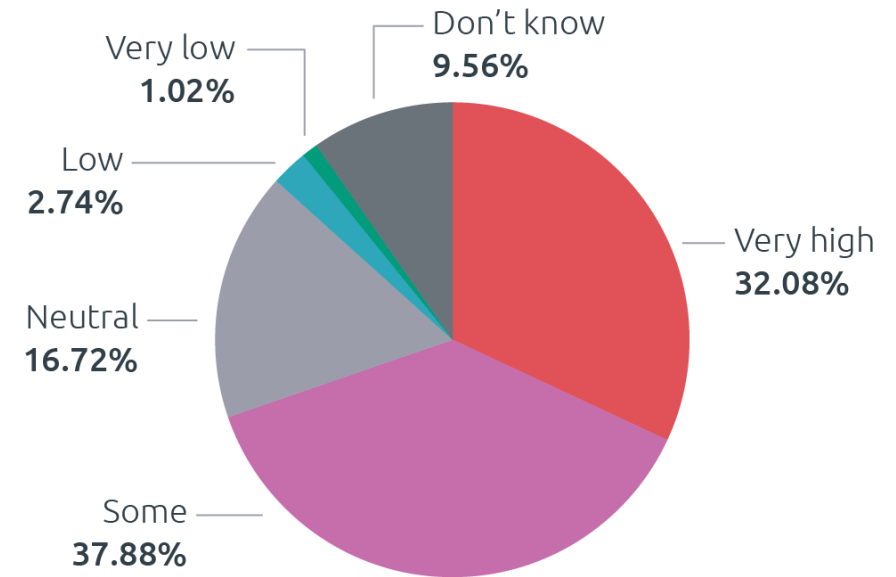## How will these trends change over the next ten years?



Legend: ● Increase ● Decline ● Stay the same

Chart axis: 100%, 80%, 60%, 40%, 20%, 0%

Categories: Digital transformation, Agile, Use of 3rd party suppliers, Legacy challenges

# Optimism and budgetary pressure

**Looking forward to 2020, how are you feeling about the future technology landscape?**



- Very depressed 0.34%
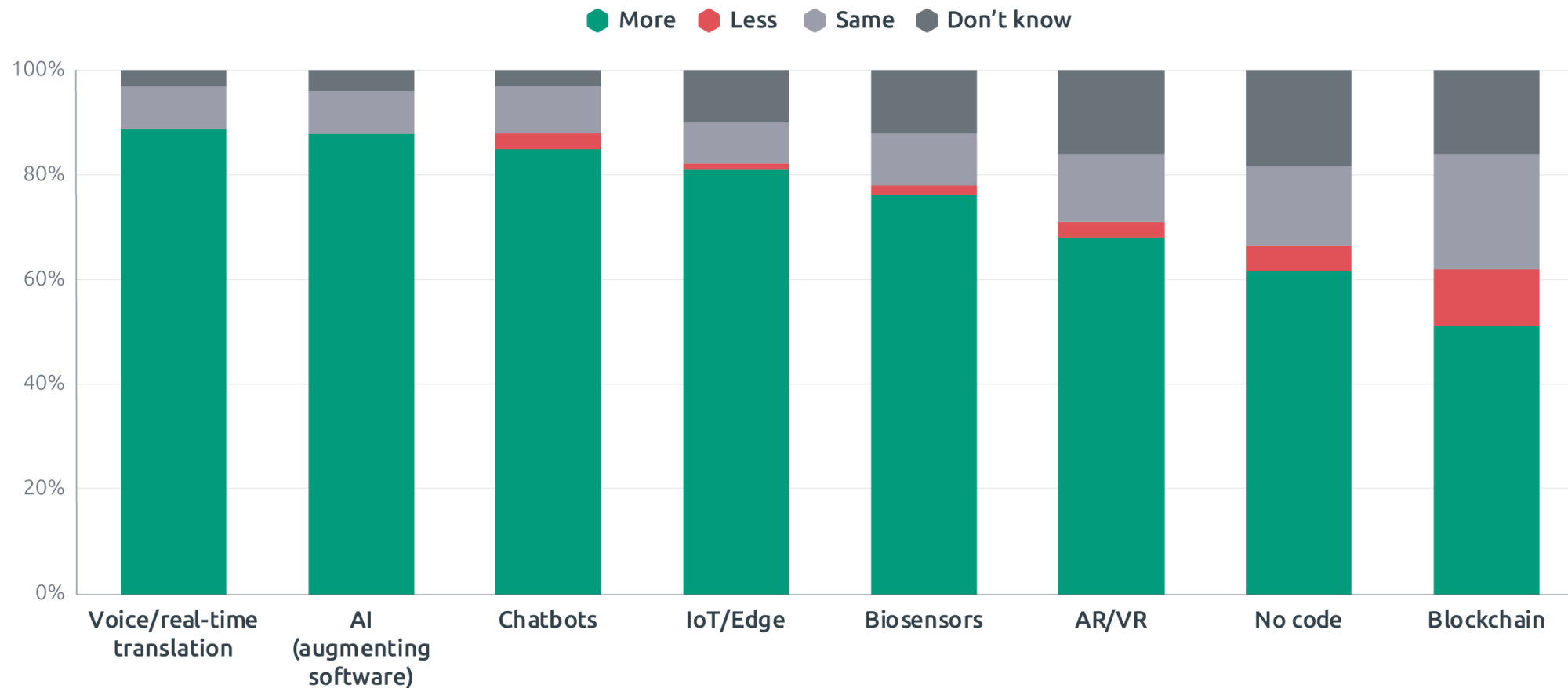- Other 1.02%
- Concerned 6.83%
- Neutral 10.92%
- Extremely positive 34.13%
- Good 46.76%

**Describe your current view of the budgetary pressure you will experience in 2020**



- Very low 1.02%
- Don't know 9.56%
- Low 2.74%
- Very high 32.08%
- Neutral 16.72%
- Some 37.88%

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# How do you believe the trend for the following will change in the next ten years across your sector?



● More    ● Less    ● Same    ● Don't know

# What best describes how you feel the digital skills shortage will develop in the next three years?



There will be very little or no issue finding digital skills **5.9%**

It will get easier to find digital skills **26.39%**

Digital skills shortage will get significantly worse **25%**

It will stay the same as it is now **13.19%**

There will be some increase in the shortage **29.51%**

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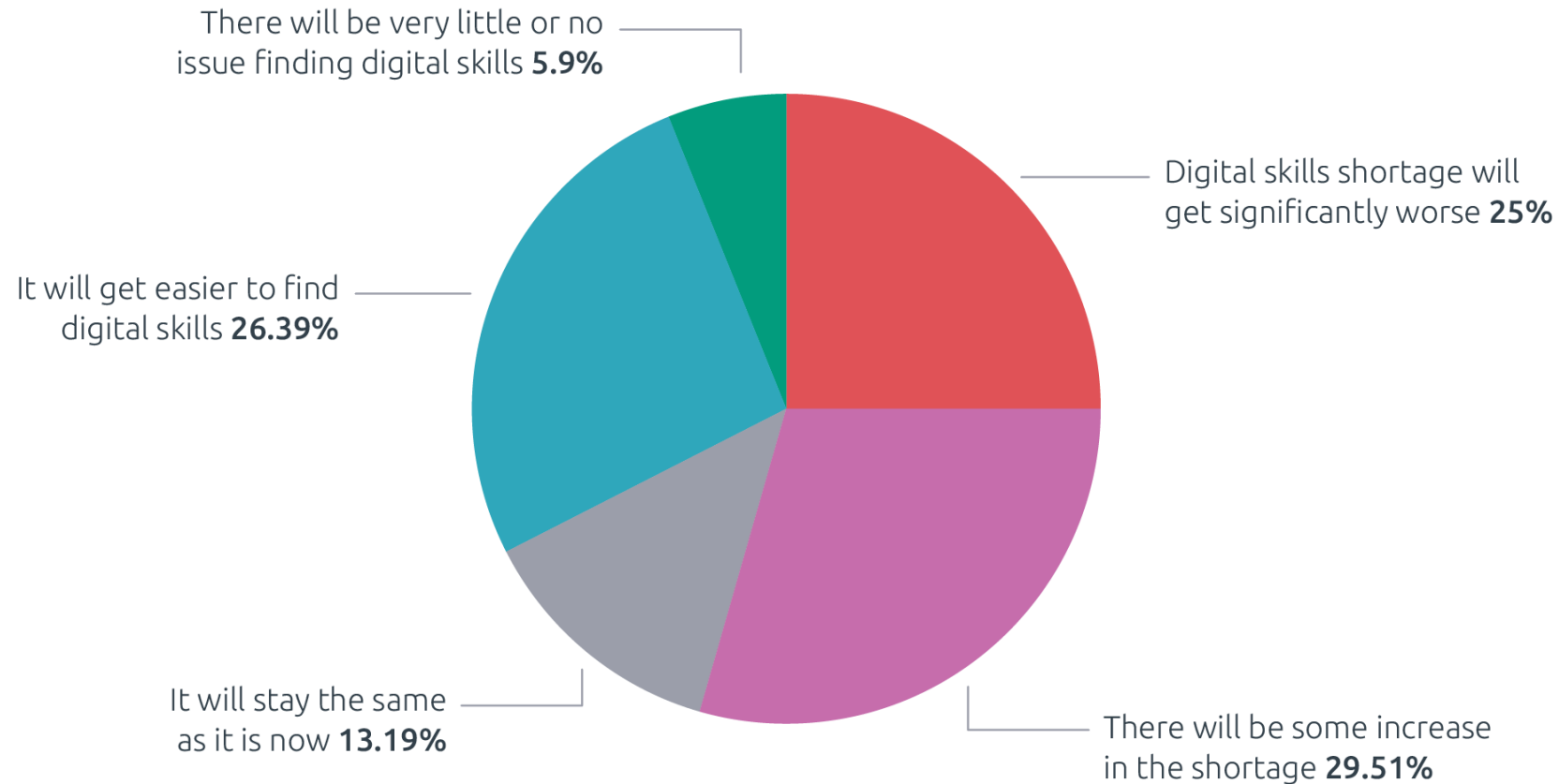
# Digital skills shortage by sector

| | Private | Public | Third |
|---|---|---|---|
| **The shortage will increase or get significantly worse** | 53% | 49% | 62% |
| **Things will get easier or there will be no issue** | 28% | 39% | 27% |

# AI endures, while mobile swings to IoT, automation and uncertainty

**Comparison of the last and next ten years**
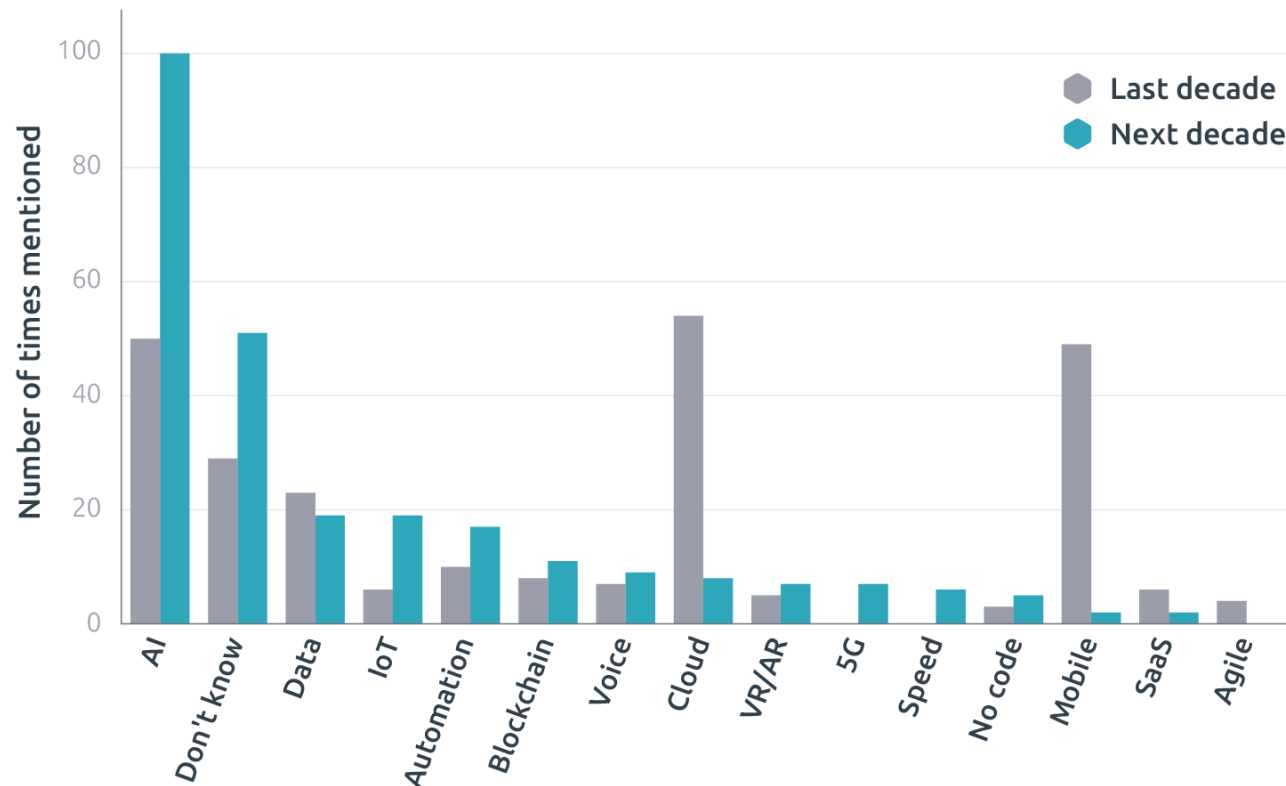


"Adoption and use of AI and machine learning will radically reform both the workplace and the socio-economic landscape."

# Digital skills
## Digital solutions: Defined, Designed, Delivered

For 30 years, Triad has been honing its expertise in technology-based business change. This experience gives our clients the confidence to invest in our services, knowing that we will deliver the desired outcome.

We are experts at delivering working software in incremental releases to enable quick learning and rapid realisation of benefits.