

The background image shows a person's hands interacting with a transparent, futuristic robotic device on a tablet screen. The device has a central body with internal components and four thin, transparent legs. The person's hands are positioned around the device, with one hand touching it. The scene is lit with soft, blue-toned light, creating a high-tech, educational atmosphere.

Jisc

Digital Global Classroom

Applying technology to transnational education

Natalie 4.0



<https://www.youtube.com/watch?v=aVWHp8FsV1w>

What is Education 4.0?

A black and white photograph of a person's hands working on a complex, multi-jointed robotic arm. The person is in profile, focused on the task. The background is bright and out of focus, suggesting a laboratory or workshop setting.

- Fourth industrial revolution technologies like AI and robotics have the potential to transform teaching and learning
- Institutions are preparing our learners for an Industry 4.0 workplace
- Transformation of institutions themselves, embracing Industry 4.0 technologies
- The potential of Education 4.0 is huge – the UK must take the lead, now – Paul Feldman

What are 4.0 technologies?



A.I.



Cloud
computing



5G and
Internet of
Things



Mixed
reality/
Virtual
reality



Blockchain



Quantum
computing

Case studies

Mixed Reality

[Hologram lectures - Imperial College, London](#)

[Mixed reality integration - Case Western Reserve University](#)

Augmented Reality

[Open Day - Monash University](#)

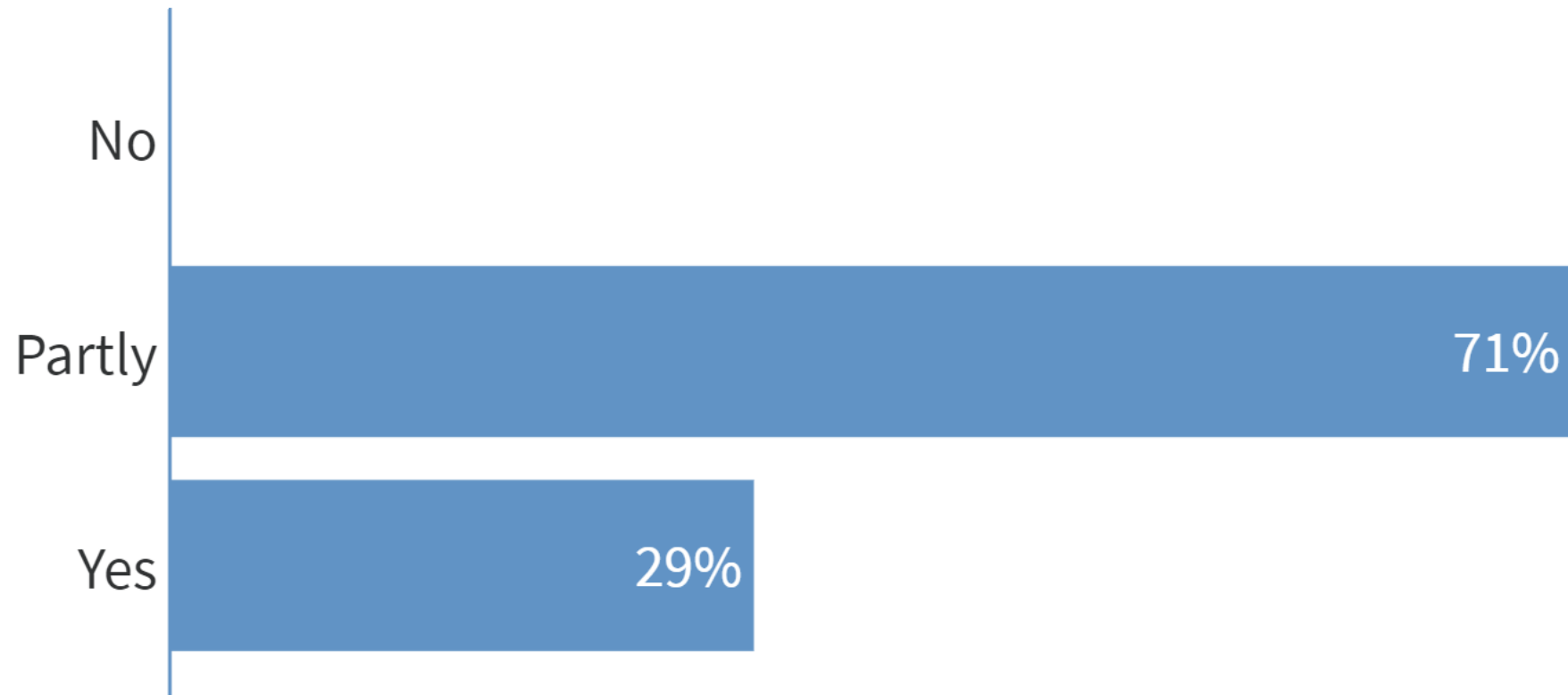
Blockchain

[Credential verification - ACCREDIBLE](#)

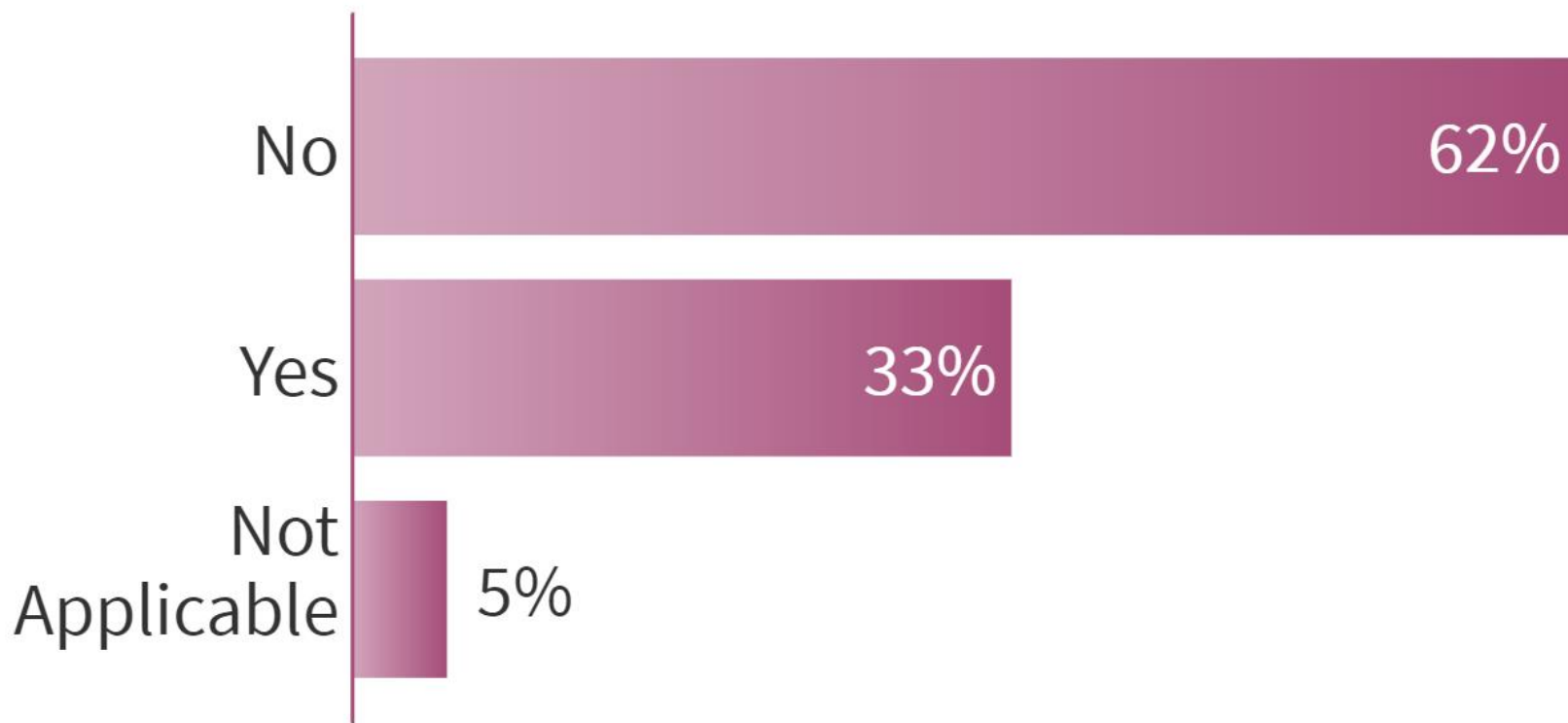
Questions (survey)

- Will/can F2F ever be replaced in international education?
- Do the home-based courses take precedence over TNE courses in the use of technology?
- Are there plans to use more tech for TNE?
- Is the use of technology in education just a 'hype'?
- Who wants more / better technology?
 - Administrators
 - Students
 - Academics
 - IT
 - International departments
 - Others (if any add description)

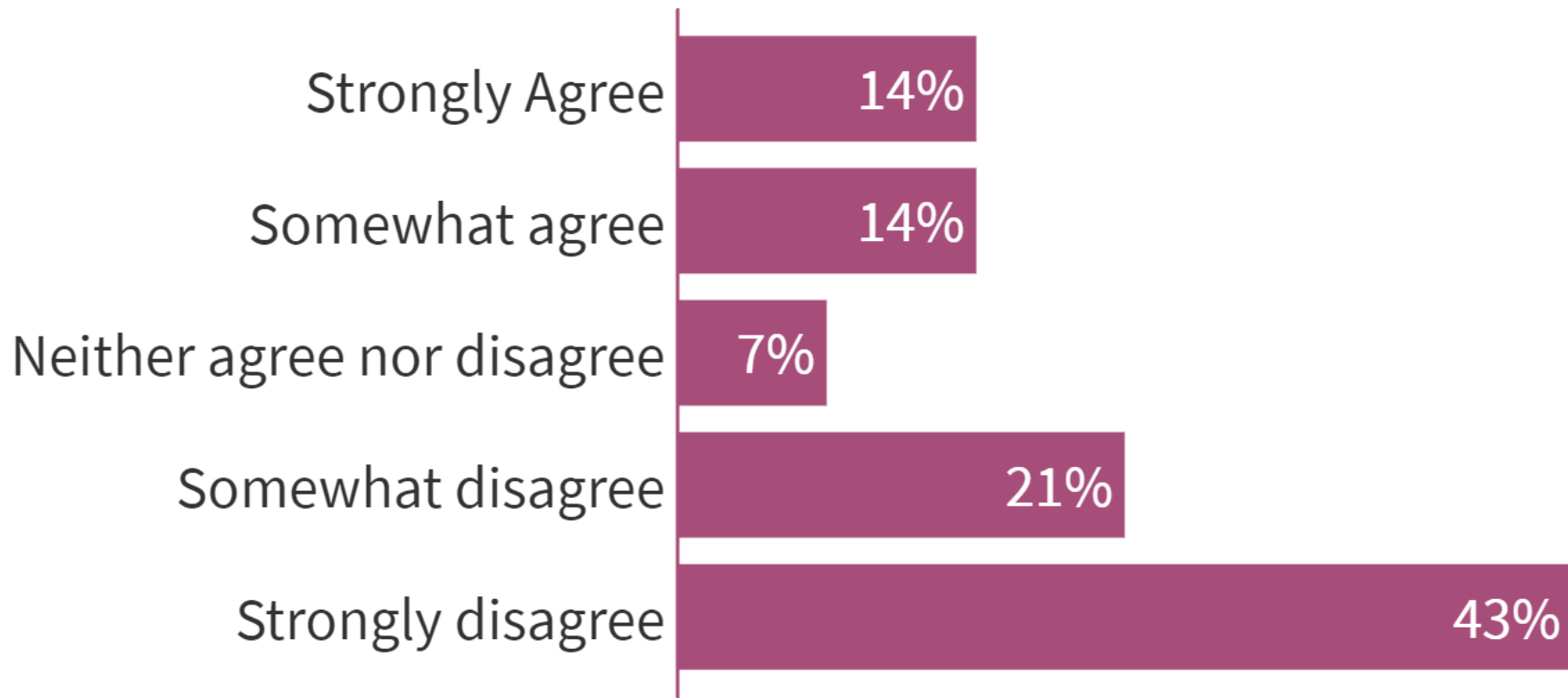
Will/can face-to-face delivery ever be replaced in international education?



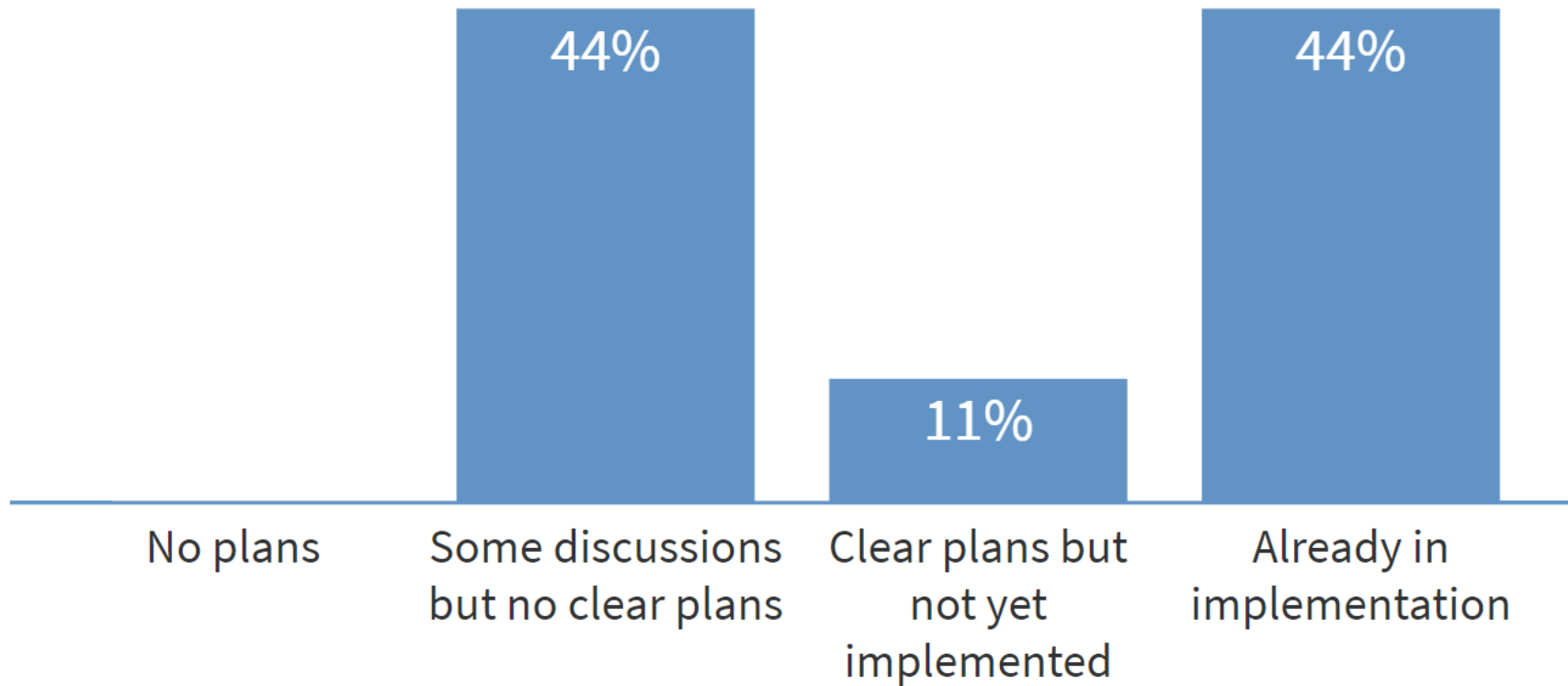
Do the home-based courses take precedence over TNE courses in the use of technology?



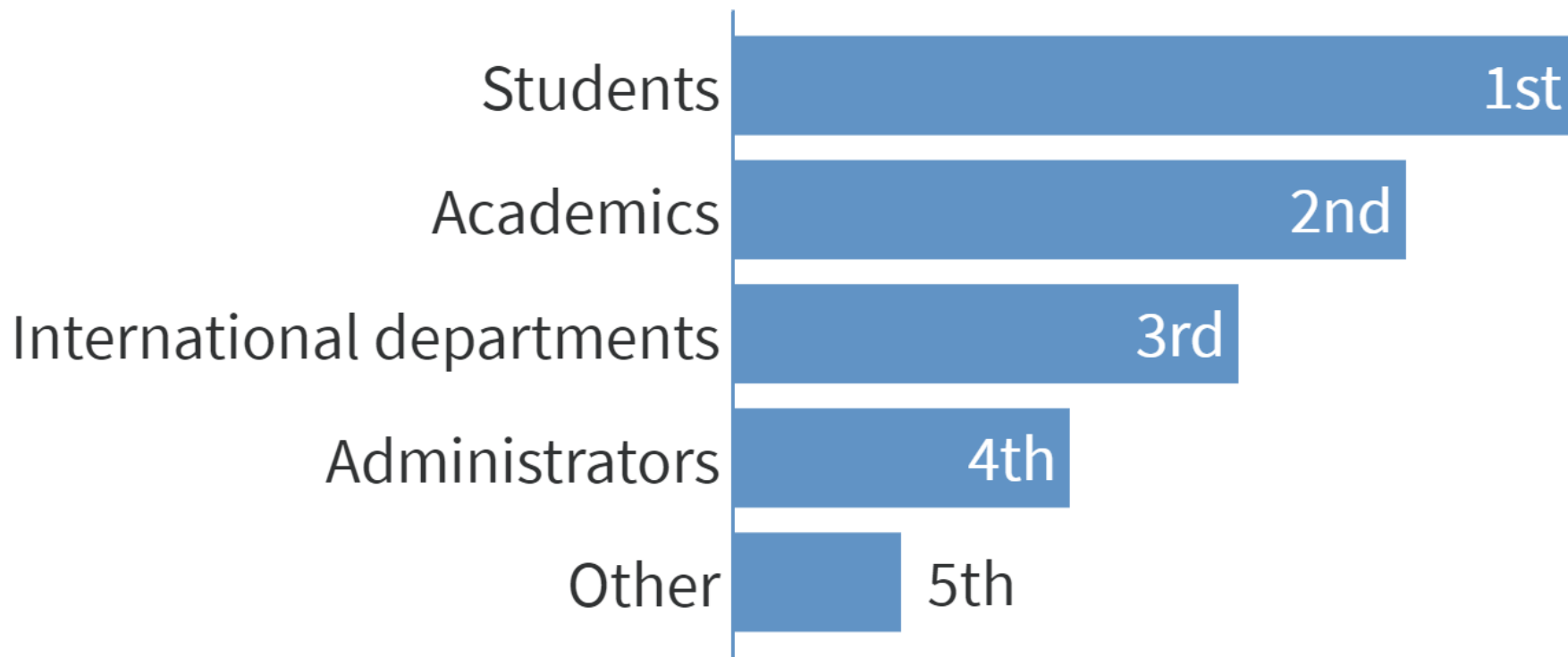
"The use of technology in education just a 'hype' ". To what extent you agree/disagree with this statement?



Are there plans to use more tech for TNE in your institution?



Who wants more / better technology? (rank the following)



What does a digital global classroom look like?
(please describe in max two words)

A word cloud of responses to the question 'What does a digital global classroom look like?'. The words are arranged in a cluster, with 'holodeck' at the top, 'starbucks' in the middle, 'internet' below it, 'social' and 'integrated' overlapping, 'trek' and 'gigabit' below, and 'tristar' at the bottom. The colors of the words are: holodeck (red), starbucks (green), internet (orange), social (teal), integrated (brown), trek (dark blue), gigabit (dark blue), and tristar (teal).

holodeck
starbucks
internet
social integrated
trek gigabit
tristar

Join us on the journey..

TNE 4.0: Technology and TNE

UUKi-Jisc event

27 Feb 2020, 10:00 - 15:00

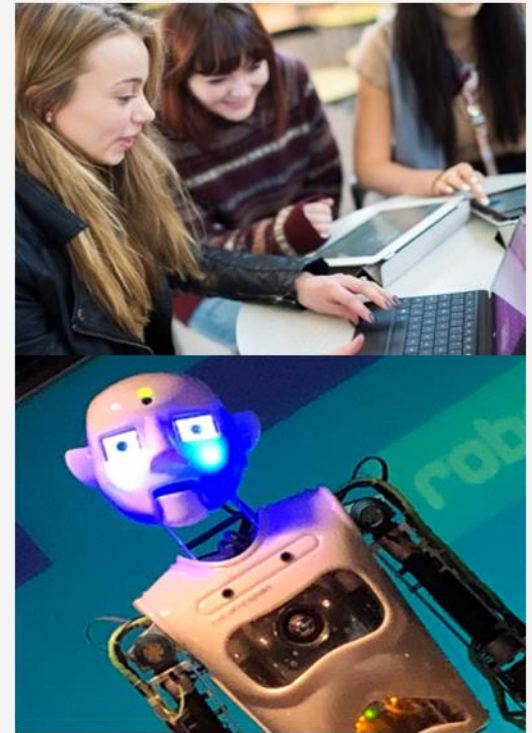
Bristol

<https://www.universitiesuk.ac.uk/events/Pages/Technology-and-TNE.aspx>

Education 4.0

#EDU4_0

<https://www.jisc.ac.uk/rd/future-trends>





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