



Emerging Tech It's moving fast & we need to too

ASCILITE 2021: Back to the Future

November 2021

Indigital

Where cultural
knowledge connects
with digital skills

Our Story

Founded by Cabrogal Woman, Mikaela Jade from the Dharug-speaking Nations of Sydney in 2014, Indigital is Australia's first Indigenous Edu-tech company, specialising technology development and digital skills training in augmented and mixed realities, artificial intelligence, machine learning, internet of things and geospatial technologies.

Our mission is to close the digital divide between Indigenous and non-Indigenous peoples, by providing a meaningful pathway for Indigenous people into the digital economy and the creation of future technologies. Together, we can use digital technologies to express 80,000 years of human knowledge for generations to come.

@SarahJaynePearson

OUTLINE

- Emerging tech and where it's heading
- Industry transitions
- Ecosystems
- Noone left behind
- Edtech
- You

Unreasonable inventors. Impossible challenges

It takes an unreasonable belief to achieve the impossible. This is what we invest in and create at Main Sequence



6 Challenges



Enable the Next
Intelligence Leap



Decarbonise the
Planet



Supercharge
Industrial
Productivity



Reach Humanity
Scale Healthcare



Bridge the Gap to
Space



Feed 10 Billion
People

SUSTAINABLE DEVELOPMENT GOALS

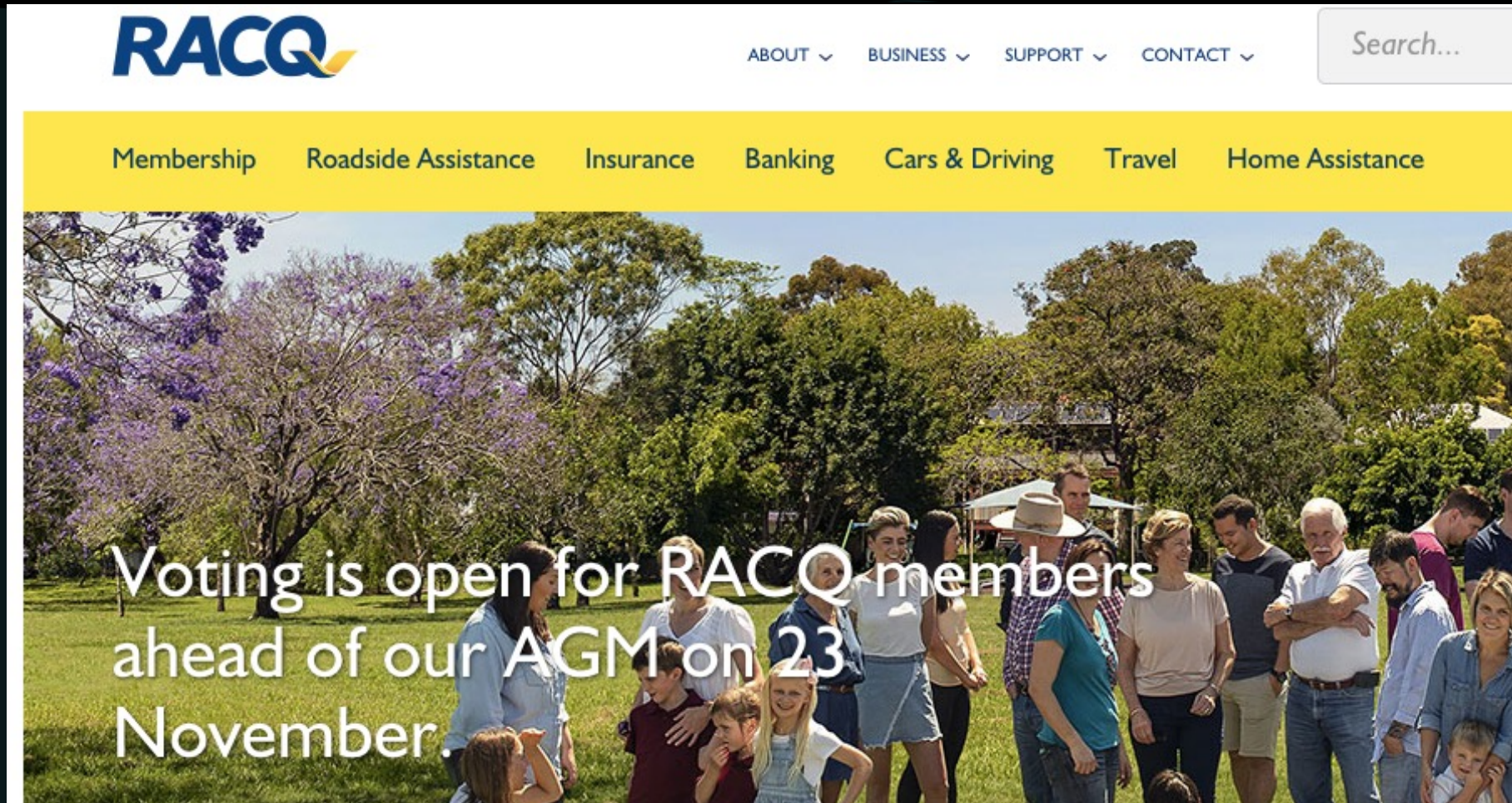


Sleeves-up capital for sustainable Australian agrifood innovation.

We invest in innovative companies that commercialise technology across the entire food and fibre value chain.

Mandalay Venture Partners invests in companies that provide high potential for impact, sustainability, and capital returns across the agricultural, supply chain and the wider food value-add sectors. We are deeply passionate about early stage innovation and are on a bigger mission to contribute to global food security and sustainability.

INDUSTRIES & REGIONS TRANSITIONING



The image is a screenshot of the RACQ website. At the top, the RACQ logo is on the left, and navigation links for ABOUT, BUSINESS, SUPPORT, and CONTACT are on the right, each with a dropdown arrow. A search bar is also present. Below this is a yellow navigation bar with links for Membership, Roadside Assistance, Insurance, Banking, Cars & Driving, Travel, and Home Assistance. The main content area features a large photograph of a diverse group of people, including men, women, and children, standing in a grassy field with trees in the background. Overlaid on the left side of the photo is the text: "Voting is open for RACQ members ahead of our AGM on 23 November."

RACQ

ABOUT ▾ BUSINESS ▾ SUPPORT ▾ CONTACT ▾

Search...

Membership Roadside Assistance Insurance Banking Cars & Driving Travel Home Assistance

Voting is open for RACQ members ahead of our AGM on 23 November.

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INDUSTRIES & REGIONS TRANSITIONING



HOME

INNOVATION ECOSYS

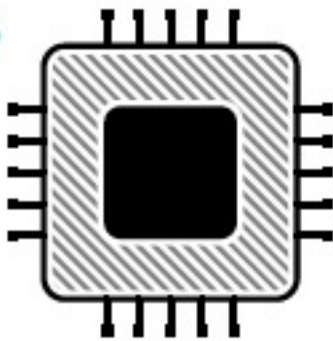


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DEEP TECH KEY

DIGITAL SYSTEMS

50%



50% of workers will need to know how to use, build and configure digital systems

JOB LOSS

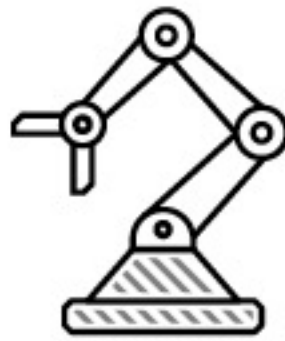
18%



18% of workers have a serious chance of losing their job because of technology

AUTOMATION

70%



70% are training for a job set to be replaced by automation

DEEP TECH KEY



75% Future High growth jobs need STEM
65% of them don't yet exist



INNOVATION ECOSYSTEMS – WHAT ARE THEY?



CUSTOMERS

CORPORATIONS

INVESTORS

STARTUPS

ADVISORS &
MENTORS

UNIVERSITIES
& RESEARCHERS & TAFE

GOVERNMENT

SCHOOLS

WHOLISTIC, CONNECTED, OPEN & INCLUSIVE, COLLECTIVE LEADERSHIP

INNOVATION ECOSYSTEM BUILDING OUTCOMES

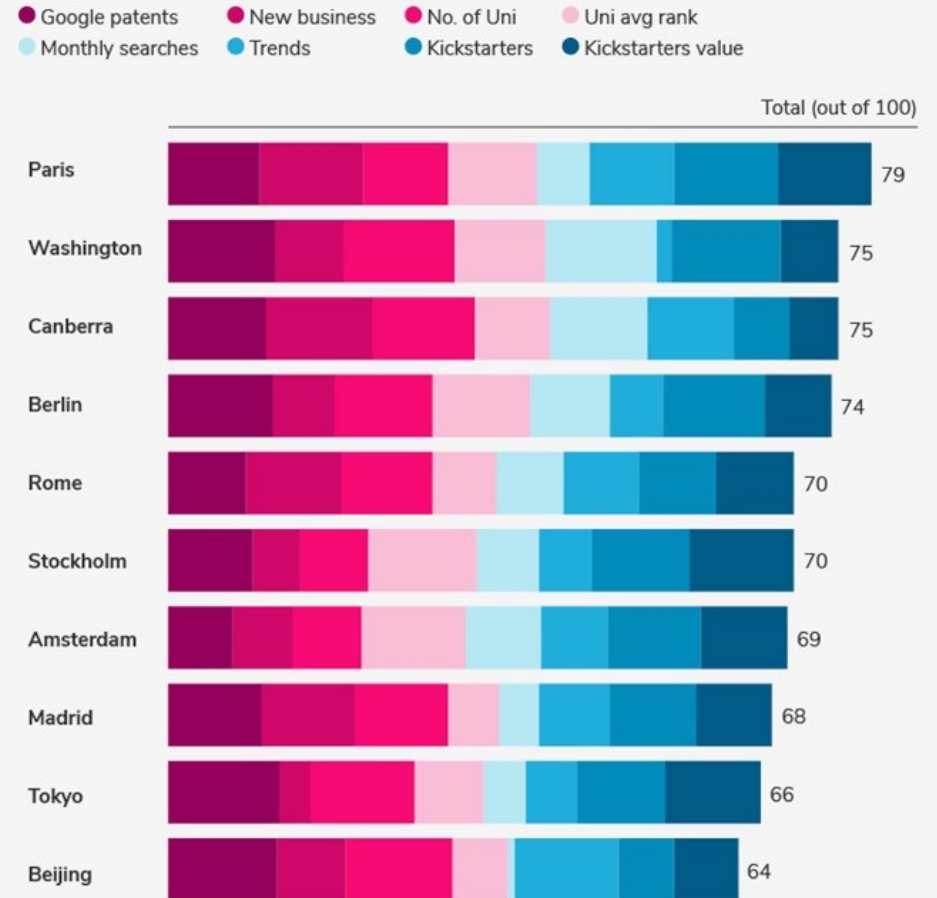


Connecting 20,000 people a year



In 2019, Canberra recorded a whopping 235,654 new business applications

Most innovative cities worldwide



For the full report visit
paymentsense.com/uk/blog/most-innovative-cities

 **paymentsense**
beyond ordinary

DON'T LEAVE WOMEN BEHIND

Female drivers and right front passengers are approximately

17 percent more likely
to be killed

in a car crash than a male occupant of the same age.

Any seatbelt-wearing female vehicle occupant has

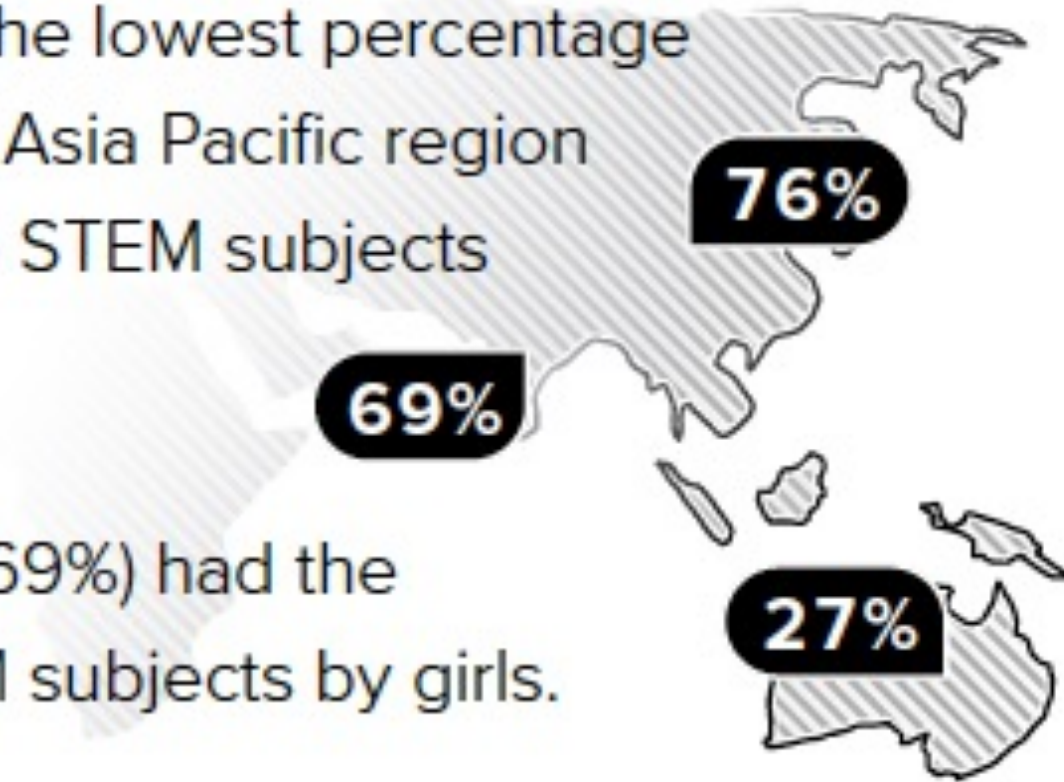
73 percent greater odds of being
seriously injured

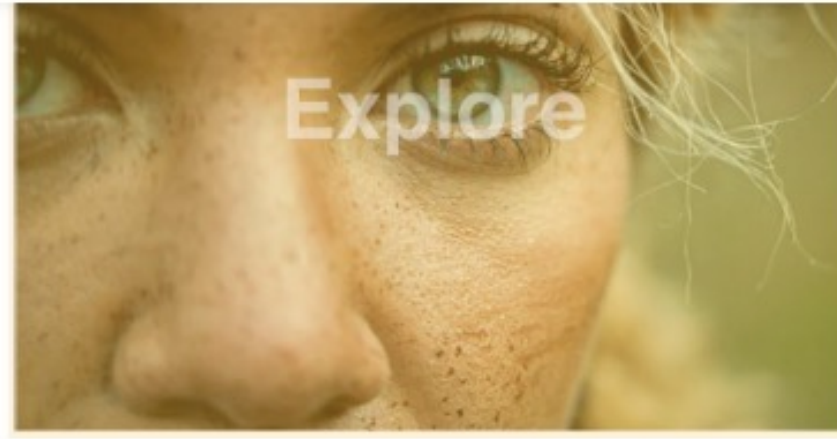
in a frontal car crash than the odds of a seatbelt-wearing male occupant being injured in the same kind and severity of crash.

WE ARE BEHIND

In 2016, Australia had the lowest percentage among countries in the Asia Pacific region for girls electing to take STEM subjects in school (27%)

China (76%) and India (69%) had the highest uptake of STEM subjects by girls.





Helping Australians Defy Disadvantage



NO ONE LEFT BEHIND



NO ONE LEFT BEHIND



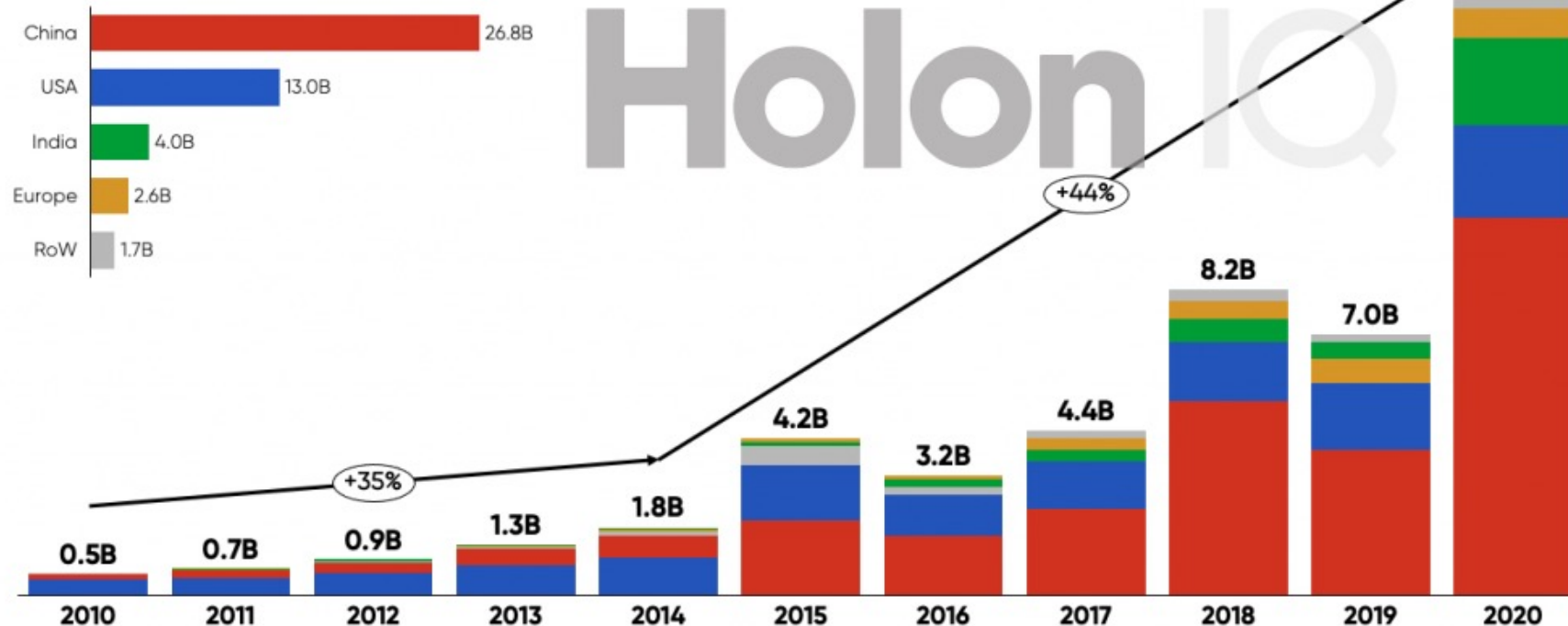
EDTECH KEY

HOLONIQ. GLOBAL CAPITAL FLOWS

Holon IQ

\$16.1B of Global EdTech Venture Capital in 2020

Global Education Venture Capital Funding, 2010-2020 in USD Billions



Source: HolonIQ, 4 January 2021. All numbers rounded and may not sum exactly due to rounding.

www.holoniq.com

EDTECH KEY

ASSESSMENT AND CREDENTIALS

Testing knowledge and skills, verification and credentialing



MANAGEMENT SYSTEMS

SIS, LMS, communication, administration, analytics, financing



INTERNATIONAL ED & LANGUAGE LEARNING

Discovery, admissions, pathways, language learning.



XR AND STEAM

Science, technology, maths, augmented and virtual reality



ONLINE LEARNING

Delivering education in online and digital formats



WORKFORCE AND SKILLS

Upskilling, job related solutions, career planning, mentoring



DIGITAL CONTENT

Curriculum, learning resources and digital content.



AND SO ARE YOU!

Q&A

NO SUCH THING AS A BAD QUESTION

