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

ASCILITE 2021: Back to the Future
November 2021

Prof Sarah Pearson, FTSE
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 in 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.
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

@SarahJaynePearson
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.
Voting is open for RACQ members ahead of our AGM on 23 November.
INDUSTRIES & REGIONS
TRANSITIONING
Deep Tech Key

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

Job Loss: 18% of workers have a serious chance of losing their job because of technology.

Automation: 70% are training for jobs that are set to be replaced by automation.
DEEP TECH KEY

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

STEM skilled jobs are growing at 1.5 times faster than any other job sector.
INNOVATION ECOSYSTEMS – WHAT ARE THEY?
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
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
NOONE LEFT BEHIND

Leadership & Governance
Values, Risk Appetite, Diversity & Culture
Partnership for Delivery

New Funding
Ecosystems
Entrepreneurs
Measurement
Technology & Data
Access to Ideas

Ideas
Entrepreneurs
New Funding
Ecosystems

Technology & Data
Measurement

Partnership for Delivery
Values, Risk Appetite, Diversity & Culture
Leadership & Governance

NOONE LEFT BEHIND
NOONE LEFT BEHIND
$16.1B of Global EdTech Venture Capital in 2020

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

- China: 26.8B
- USA: 13.0B
- India: 4.0B
- Europe: 2.6B
- RoW: 1.7B

Source: HolonIQ, 4 January 2021. All numbers rounded and may not sum exactly due to rounding.
AND SO ARE YOU!
Q&A

NO SUCH THING AS A BAD QUESTION 😊