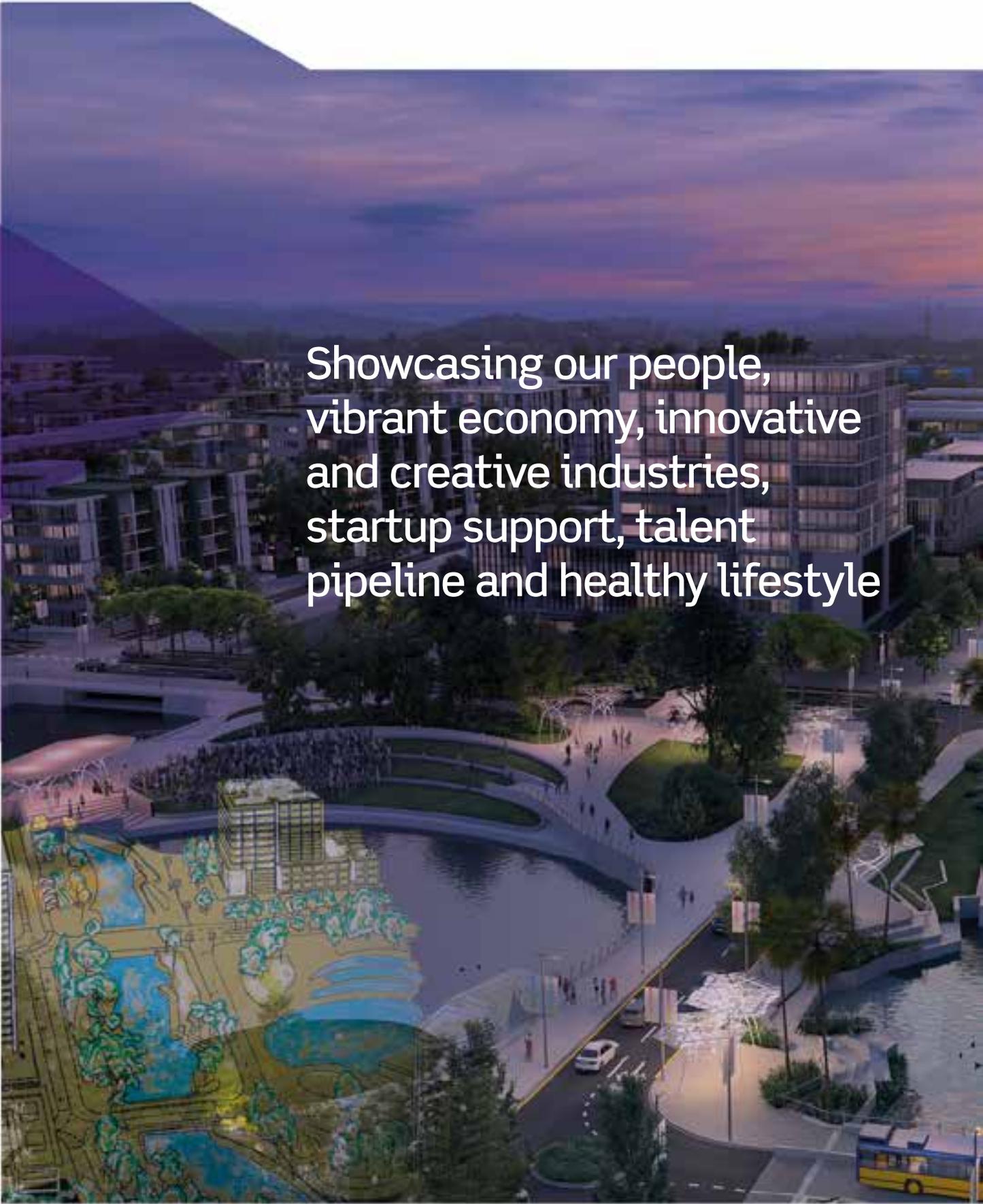


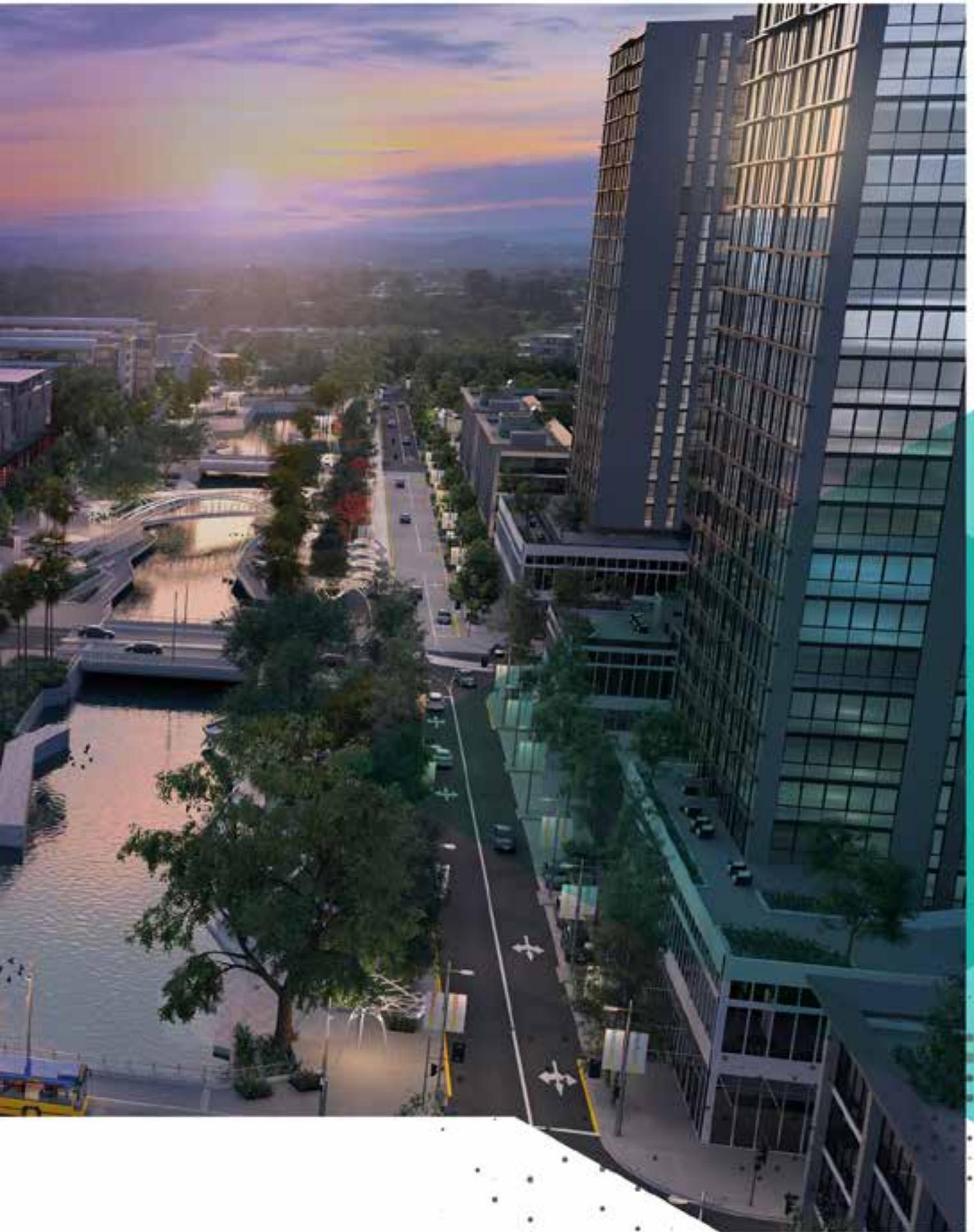
Sunshine Coast Healthy. Smart. Creative.



An aerial photograph of a modern city at dusk. The sky is a mix of purple, blue, and orange. In the foreground, a river flows through a park-like area with green spaces and walkways. Several modern, multi-story buildings with glass facades are visible. A yellow and blue bus is on a road in the lower right. The overall scene is vibrant and urban.

Showcasing our people,
vibrant economy, innovative
and creative industries,
startup support, talent
pipeline and healthy lifestyle

Other images: The images of Mt. Lyndon Davis, Traralgon, Geelong (left) and Geelong (right) are reproduced by permission of the Victorian Government. The image of the Melbourne skyline is reproduced by permission of the Victorian Government. The image of the Melbourne skyline is reproduced by permission of the Victorian Government. The image of the Melbourne skyline is reproduced by permission of the Victorian Government.





Supporting startups, successful entrepreneurs, mentors and businesses

The Sunshine Coast region already holds many achievements and excellent indicators of economic growth including game-changing projects. Its vibrant ecosystem as an innovation hub comprises many existing initiatives, products and services supporting innovators from startups to successful entrepreneurs, high net worth individuals and mentors, to small and medium-sized business to larger corporates.

The deployment of new and enabling technology supports innovation and transformation in the *Sunshine Coast Regional Economic Development Strategy 2013-2033*, which provides a 20-year vision and blueprint for sustainable economic growth across seven high value industries. A key priority for the high value industries pathway is promoting innovation, research and digital participation.

All these industries have the potential to generate higher-paying, enduring employment opportunities on the back of the region's game changer projects: Sunshine Coast University Hospital (completed), the new Maroochydore City Centre (underway); upgrade of the Bruce Highway; expansion of the University of the Sunshine Coast (completed), Sunshine Coast Airport expansion (underway), and the only Australian east-coast landed international broadband submarine cable outside of Sydney, including corresponding data centre and world-class infrastructure to support this investment in critical infrastructure.



The Sunshine Coast is now independently ranked as the second strongest performing economy (A\$17.7 billion) in the state of Queensland, with some of the highest levels of business confidence in the state and achieving an unemployment rate of 6.4% – well below the state and national averages. The economy is anticipated to grow in a strong and sustainable manner over the next 20 years to reach A\$33 billion in 2033, accompanied by an increase in knowledge-based jobs, exports and household income.

The region is one of the top 10 significant urban areas in Australia with an average economic growth rate of 4% (2001-2016), making it one of the fastest growing areas in the country. Its current population of approx. 311,000 is expected to grow to more than 500,000 people by 2041.

Competitive business environment:

including access to all major transport corridors, lower costs (industrial land and commercial office space) and access to a quality education sector including a growing university.

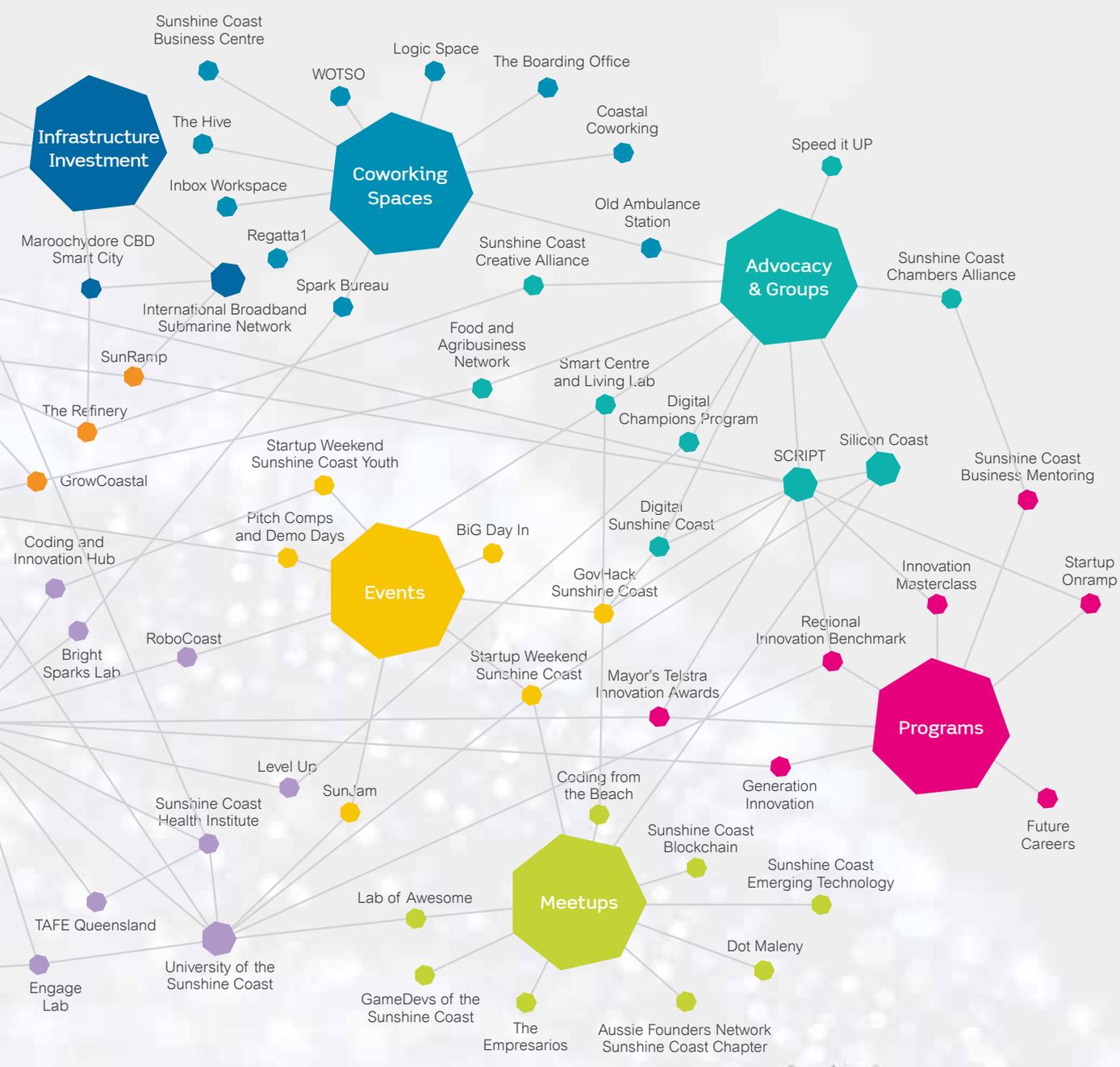
Awarding winning reputation:

named an international Top7 Intelligent Community in 2019, a Smart21 Intelligent Community for five of the last six years, and leadership city winner at the 2018 Australian Smart Cities Awards.

A flourishing innovation ecosystem

Our region has a unique entrepreneurial ecosystem network of education programs, business incubators, coworking spaces, advocacy events and meetups which actively support and encourage innovation, new ideas, entrepreneurs and startups.







World class innovation and growth programs

The Sunshine Coast recognises that the region's future prosperity lies in ideas, innovation and driving entrepreneurialism.



Innovation Centre Sunshine Coast

The Innovation Centre is a central hub for 50+ innovators, entrepreneurial startups and high growth companies (local and international via HotDesQLD program). Its mission is to support the startup and growth of knowledge-based businesses and to promote beneficial interaction between these businesses and the University of the Sunshine Coast.

innovationcentre.com.au

Highlights

Since 2002 the Innovation Centre has:



directly supported start-up and growth of

250+ businesses



created

960+ jobs



raised over **A\$36 million**

in early stage capital for member companies



held

265 events



267

student placements



42 mentor panel members

helped build a dynamic
entrepreneurial ecosystem.





GrowCoastal Food Innovation Accelerator

A partnership with the Food Agribusiness Network, this program provides twelve of the best food and beverage businesses in the region with the opportunity to take part in GrowCoastal, held annually since 2017.

innovationcentre.com.au/growcoastal/



Australian Health Accelerator (AHx)

The AHx program is a catalyst for validating and commercialising new, innovative health related products and services with access to state-of-the-art facilities, simulation suites and laboratories.

innovationcentre.com.au/healthaccelerator



Typefi

Typefi is a global leader in the provision of single-source automated publishing software, helping organisations around the world publish their content faster and in more formats. Typefi's cutting edge, user-friendly platform provides customers – from small businesses through to global publishers, international organisations and Fortune 500 companies – with the ability to take a single source document and automatically render it in their choice of over 30 formats for print, online and mobile in just minutes with 100% accuracy.

typefi.com



‘As a region with a strong commitment to the innovation and technology sector, the Sunshine Coast continues to offer an excellent base for Typefi, with organisations like Sunshine Coast Council and the Innovation Centre providing valuable support and a depth of professional expertise to rival that of any of Australia’s major cities’.

SHANNA BIGNELL,
MARKETING MANAGER

Typefi facts



Founded
in **2001**



First tenant of the
Innovation Centre
Sunshine Coast in 2002



Began exporting
in **2007**



Export accounts for approx.
90% of revenue



40+ staff:
Australia, USA, England,
the Netherlands, Sri Lanka,
Romania, France and South Africa



Customer organisations
in **20 countries**

Individual users of
Typefi software
in **65 countries**



Alkira

Founded on the Sunshine Coast, Alkira Software is a pioneer of making voice commerce easy and accessible for businesses around the globe. Inclusion by design is part of Alkira's DNA, which means that conversational commerce is inclusive and accessible to everyone.

Developed over six years, Alkira Software was specifically designed for people who are blind or have low vision, but many other users find this application helpful too, such as people with low literacy, the elderly and people with a wide range of disabilities. As well as helping to navigate the web, Alkira has specific services for banking, transport, news, weather, local libraries, councils and more.

The University of Queensland, Aldi supermarket, Brisbane City Council, Noosa Library Service, and Royal Automotive Club of Queensland now have Alkira voice enabled websites.

alkirasoftware.com

**'The SC is a real hotspot for innovation.
The depth of talent here is incredible.'**

RAY GUY, CHIEF TECHNOLOGY OFFICER

Ecosystem highlights



10 co-working spaces

4 incubator/
accelerator programs

2 makerspaces



supporting small businesses
and startups across the region

Resources

Sunshine Coast: The place to be report informs and guides the development of future programs that will encourage further innovation and entrepreneurial activity.

rdasunshinecoast.org.au/wp-content/uploads/2018/02/Sunshine-Coast-The-place-to-be-31012018-Full-Report.pdf

Invest Sunshine Coast app: Provides information about doing business in the region, with news about opportunities and video testimonials from local businesses. Available from the Apple store and Google Play.





Digital leadership and future skills development

The Sunshine Coast's vibrant ecosystem features many innovators from startups to small and medium-sized business and larger organisations who are nurtured and supported through our talent pipeline.





SunRamp Accelerator Program

Launching in 2019, the program will support and accelerate early-stage technology businesses through focused education and training on building sustainable businesses, enriching relationships in the industry and driving deals in the internet connectivity space. SunRamp is powered by the successful UpRamp program, an initiative from CableLabs, based in Boulder, Colorado. With a strong history of supporting cable industry innovation, the UpRamp program chose the Sunshine Coast to launch SunRamp due to council's international broadband submarine cable project.

sunramp.co



Startup OnRamp

Startup OnRamp is a twelve week training and mentoring program which gives new founders the entrepreneurial skills, advice and networks they need to launch and grow their company. The debut program ran on the Sunshine Coast from October to December 2018 with eight entrepreneurs learning how to articulate, test, validate and develop their idea.

startuponramp.com



Level Up

A Sunshine Coast Council funded program aimed at helping local micro, small and medium businesses connect to high-speed broadband and fully utilise digital tools, innovation principles and business solutions to enable them to improve their productivity, profitability and ability to compete locally, nationally and internationally.

levelup.sunshinecoast.qld.gov.au





Investing in people

Youi

National car and home insurer Youi is one of the region's major employers and has been part of the Sunshine Coast since it began its Australian operation with 30 staff in 2008, followed by its New Zealand operation in 2014.

Having celebrated its 10th birthday in 2018, Youi now insures over 640,000 Australians with around 1 million policies in force.

In November 2017, Youi unveiled its new global headquarters at Sippy Downs in the heart of the rapidly developing technology precinct and close to the University of the Sunshine Coast, enabling the organisation to partner with the university.

Youi has consistently been recognised for its focus on fostering an engaging workplace for its 1400+ employees. This includes an in-house health and wellbeing program, and a gamified reward and recognition program called YourGame. In addition, employees are offered special leave to get involved in volunteer projects in the local community as part of the organisation's charitable arm, Youi@hand. These programs, and a focus on continuous development through onsite training programs, create a workplace aimed at helping individuals to thrive.

youi.com.au



1400+ staff
with plans to expand to 3000



A\$73 million
investment in global HQ

Developing local talent



'Our goal at Entag is to provide talented people on the Sunshine Coast a place where they can feel engaged and empowered to build a career in ICT. We are excited to see team members excelling daily and building strong personal and professional brands.'

KRIS CARVER, MANAGING DIRECTOR, ENTAG

Entag

Entag supports its customers with their digital journey by delivering transformative technology-based solutions which give small businesses, government organisations and large companies true differentiation.

Using world class applications such as DocuSign, Box, Go Canvas, Diary and Office 365, Entag's solutions provide seamless integration with customers' existing systems such as CRM, database, finance or ordering, which allows them to compete and be relevant in today's market.

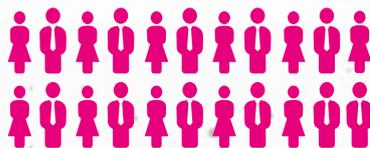
The organisation is committed to developing local talent, focusing on people who may not have a strong digital background but rather exceptional people skills and a willingness to learn continually.

Entag puts its people at the centre of everything it does because it knows the true power of a positive workplace culture by giving each employee accountability and ownership of their customers and projects which has proven to be a sustainable, productive way of working.

entag.com.au

Established: **2012**

22 Sunshine Coast based team members,
with 50% female members





Digital culture, advocacy and collaboration

The Sunshine Coast's innovation ecosystem provides a supportive environment where entrepreneurs are encouraged, ideas are nurtured through industry collaboration and supported by regional leadership.





Sunshine Coast Regional Innovation Program (#SCRIPT)

#SCRIPT is a collaboration of local entrepreneurs, businesses, government stakeholders and community members dedicated to growing innovation and business capacity on the Sunshine Coast. Sunshine Coast Council, Noosa Council and Regional Development Australia Sunshine Coast, along with 28 project partners received Advance Queensland Regional Innovation funding, which was collectively matched by #SCRIPT partners – providing A\$1 million over three years to develop innovation and entrepreneurial activities across the region.

sunshinecoastinnovation.com.au



Partner network increased

from 26 to 31 since October 2017



Invested A\$125,000

in a range of projects during its first year



600 attendees at SCRIPT

innovation events 2017-2018



90+ participants

at Research and Development Lab events



16 Sunshine Coast entrepreneurs

sponsored to attend 2018 Myriad Festival in Brisbane



Regional Innovation Benchmark Project

The benchmark project will capture innovation activity in the form of annual reports and will provide a series of innovation measures over three years from a representative sample of Sunshine Coast firms, at differing stages of development. Ten funded #SCRIPT projects will be followed as case studies to gain insights into the collaboration processes and outcomes of funded projects.

DO
ST

Innovation programs



Innovation Masterclass

Aimed at owner managers of small to medium businesses from all industry sectors with an ambition to grow and help them develop a strategic direction and implement innovative ideas.

causewayinnovation.com



The Refinery

An incubator program for creative industries practitioners, technologists and early-stage entrepreneurs to learn how to scale their skills and pursue global business opportunities.

therefinerysunshinecoast.com



Investment Readiness Clinics

For established founders, CEOs or managing directors who are ready to pitch to banks, private investors or venture capitalist firms to rapidly scale their business.

innovationcentre.com.au



Digital Champions program

The Sunshine Coast has a high number of innovative entrepreneurs, digital champions and thriving businesses who all make a global impact, with many recognised by the Queensland Government's Community Digital Champions program.

getonlineqld.initiatives.qld.gov.au/CurrentChampions



Silicon Coast

Silicon Coast is a grassroots not-for-profit online community that promotes a growing innovative, entrepreneurial, digital ecosystem on the Sunshine Coast. It aims to foster relationships between innovators, changemakers, visionaries and entrepreneurs who want to connect, create, collaborate, innovate to make an impact interstate and internationally. Silicon Coast began as a Facebook community group which quickly gained traction and now has more than 1,600 active members. In late 2018, it registered as a not for profit and formed a board of directors. Silicon Coast develops and supports a vibrant innovation ecosystem which maximises creativity and collaboration.

facebook.com/groups/siliconcoast



Sunshine Coast Maker Space

The Maker Space provides inventors a place to help to realise a dream without having to be able to manufacture the product themselves. It also gives manufacturers and engineers a service to help prototype new research and development projects without the expense of setting up their own workshops.

scmakerspace.com.au



Economic development

Sunshine Coast Council's team of economic development specialists design and execute programs in collaborative with a network of strategic partners to support the international competitiveness of the region's 30,000+ businesses. The team provides customised solutions from dedicated export and capacity building workshops to industry cluster programs aligned to the region's seven high value industries.

www.sunshinecoast.qld.gov.au/business

Smart City Program

Sunshine Coast Council is delivering the following programs and initiatives to help make our region even more liveable, workable and sustainable:



Free high-speed WiFi

and valuable data insights for businesses, such as pedestrian traffic.



The Smart Centre and Living Lab

tests smart city technologies before being installed permanently.



The new Maroochydore city centre and underground vacuum waste system.

Public bin sensors measure waste levels, generate alerts

and provide predictions to help council deliver more cost-effective waste management services.



Sensors in Pumicestone Passage

will monitor salinity and oxygen levels to protect wildlife and waterways.

Flood warning sensors

installed at roads and bridges prone to flooding, with information available through the SCC app.



Smart Region Management Platform

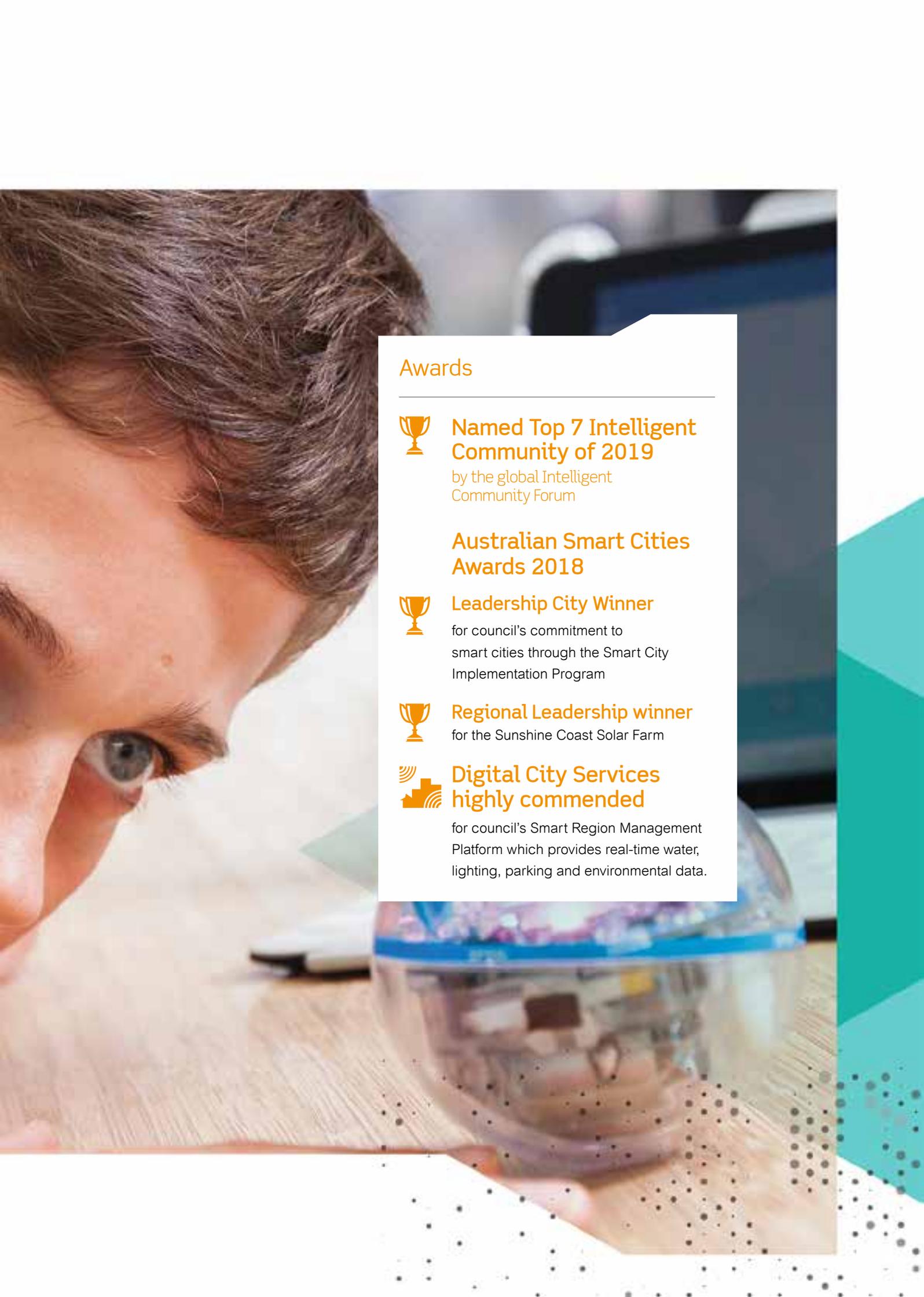
collects information about water consumption, lighting, WiFi use, parking, waste, pedestrian/ cyclist counting and environmental data (temperature, pressure, humidity, sound intensity, CO2, dust and ozone).



3D modelling and augmented reality

provides the community with 3D virtual tours of developments and projects, eg solar farm, new Maroochydore City Centre, significantly increasing community engagement on major projects.

www.sunshinecoast.qld.gov.au/SmartCities



Awards



Named Top 7 Intelligent Community of 2019

by the global Intelligent Community Forum

Australian Smart Cities Awards 2018



Leadership City Winner

for council's commitment to smart cities through the Smart City Implementation Program



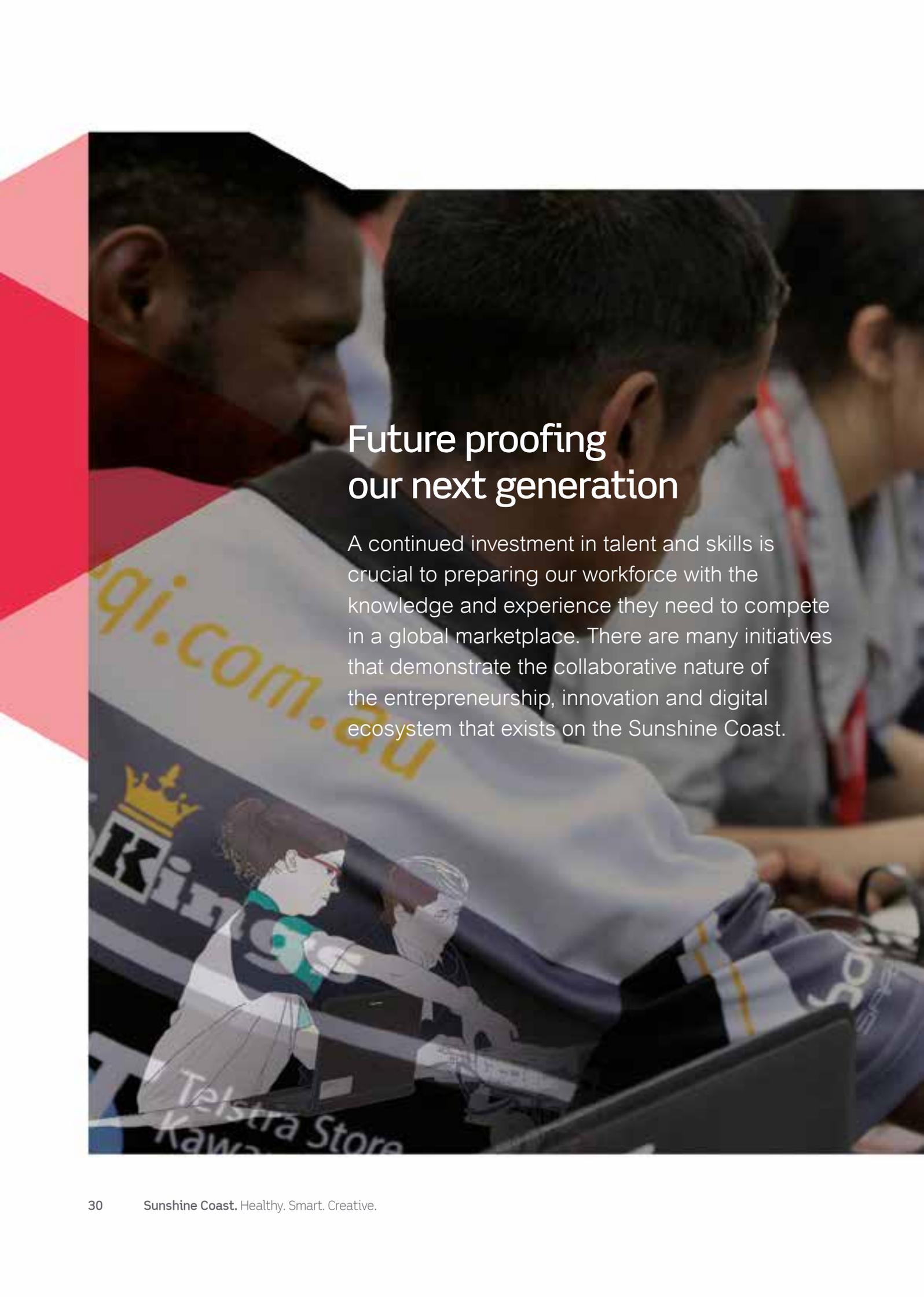
Regional Leadership winner

for the Sunshine Coast Solar Farm



Digital City Services highly commended

for council's Smart Region Management Platform which provides real-time water, lighting, parking and environmental data.



Future proofing our next generation

A continued investment in talent and skills is crucial to preparing our workforce with the knowledge and experience they need to compete in a global marketplace. There are many initiatives that demonstrate the collaborative nature of the entrepreneurship, innovation and digital ecosystem that exists on the Sunshine Coast.





Coding and Innovation Hub

Mountain Creek State High School established the Coding and Innovation Hub in 2015 to provide professional development opportunities for teachers, promote the introduction of lean startup and design principles, develop partnerships with Sunshine Coast organisations for greater engagement between schools and the community, and provide opportunities in advanced coding for students from across the Sunshine Coast.

codinginnovationhub.com

New STEM facility

Two robotics studios, three STEM labs and customised drone cages are part of a \$22m development at Mountain Creek State High School, expected to be completed in time for the class of 2020. With a reputation of being one of the best STEM education facilities in Queensland, the new building will enhance the school's ability to lead the way in science, technology, engineering and maths.



RoboCoast: Sunshine Coast Robotics

Chancellor State College and Mountain Creek State High School have actively supported STEM and robotics education and engaged with the wider Sunshine Coast community to develop RoboCoast, a hub of state and private schools to promote the uptake of robotics and coding across the Sunshine Coast through the delivery of staff and student training days, visits and a range of fun robotics competitions.

robocoast.tech

RoboCoast events

- Sumo Competition
- Space Challenge
- Immersion days for rookie school teams
- Teacher professional development



RoboCoast 2018 snapshot



1158 students
235 staff
42 schools



4 conference presentations and displays

10 training days
4 competitions



2 international awards



'The DeLorean Project is proof of concept for what education should possibly look like in the future, where 'knowing stuff' will become far less important than the ability to communicate, collaborate and create.'

DeLorean Project

Glasshouse Christian College has introduced one of Australia's most forward-looking educational programs to provide opportunities for students to learn and develop the capabilities and skills they will need to effectively navigate their way through the workforce of the future. The program allows Year 10 students one day per week during the school year to negotiate and implement their own learning projects. Students are learning entrepreneurial approaches like lean startup, rapid prototyping and customer validation. They are also developing important interpersonal skills like collaboration, reflective practices, and the ability to negotiate conflict and failure as they experience the wins and losses that startups endure.

deloreanproject.com.au

2016-2018

- Almost 250 students participated
- Approx 55 startups supported



St Andrew's Anglican College

St Andrew's Anglican College is recognised across Australia and internationally for its culture of excellence and innovation. Its research and innovation unit, the St Andrew's Institute of Learning (SAIL), partners with universities and leading organisations from across the globe. These partnerships allow the college to keep up to date with the latest in technology and 21st Century skills to prepare its students for the world of tomorrow.

saac.qld.edu.au/content/technology-innovation

- State of the art WiFi, wired network and high speed fibre internet
- LCD panels in classrooms
- iMac lab for music classes



Suncoast Christian College

The college's digital technologies curriculum creates immersive digital experiences in everyday classroom activities, plus after-school activities and electives to extend the students' learning. Business Studies and Digital Technologies students are developing leading-edge solutions to solve real-world consumer needs and challenges using Virtual Reality technology.

Students also have the opportunity to be involved in Lego League, a global competition where they can design, program and test robot designs to solve problems. Lego Robotics has undergone a drastic change in culture and has transitioned from being an after-school club to becoming a part of the Year 6 curriculum.

suncoastcc.qld.edu.au/life-at-suncoast/innovation-enterprise



Bright Sparks

Bright Sparks provides students access to augmented reality tools and equipment to try new technologies and solutions. Sunshine Coast Council has partnered with Spark Bureau to provide a community driven space for local youngsters to explore the world of virtual and augmented reality and develop skills for future careers in the technology industry.

sparkbureau.org/bright-sparks



CoderDojo Sunshine Coast

A free coding club for school children aged 7-17 and covers everything from basic web, app and game development.

sunshinecoast.coderdojo.com.au



Mayor's Telstra Innovation Awards

An annual program for Year 10-12 students to showcase innovative ideas, learn new skills and win prizes. The competition connects students with industry mentors to develop entrepreneurial thinking and creative uses of technology. The awards program, held between January and May, has trained almost 90 students in innovation and entrepreneurship principles between 2016-2018 and awarded over A\$40,000 worth of prizes, including team travel to Sydney for a mentoring, technology and entrepreneurship experience.

www.sunshinecoast.qld.gov.au/techawards



Generation Innovation

The first of its kind anywhere in the world, this annual challenge is for 15-25-year-olds wanting to start their own business. Over the past four years, almost 150 youth participants have been mentored and educated on entrepreneurship, resulting in 14 youth-led businesses being launched and raising over A\$39,000 in seed funding from the local community.

generationinnovation.com.au/



BiG Day In digital careers conference

Allows secondary school students in Years 9-12 and educators from across the Sunshine Coast to benefit from the insights of experienced technology professionals from a range of global companies.

thebigdayin.com.au





One girl's journey to becoming a national robotics champion

Sarah Eisenmenger arrived at Chancellor State College keen to learn, achieve and explore the opportunities that awaited her.

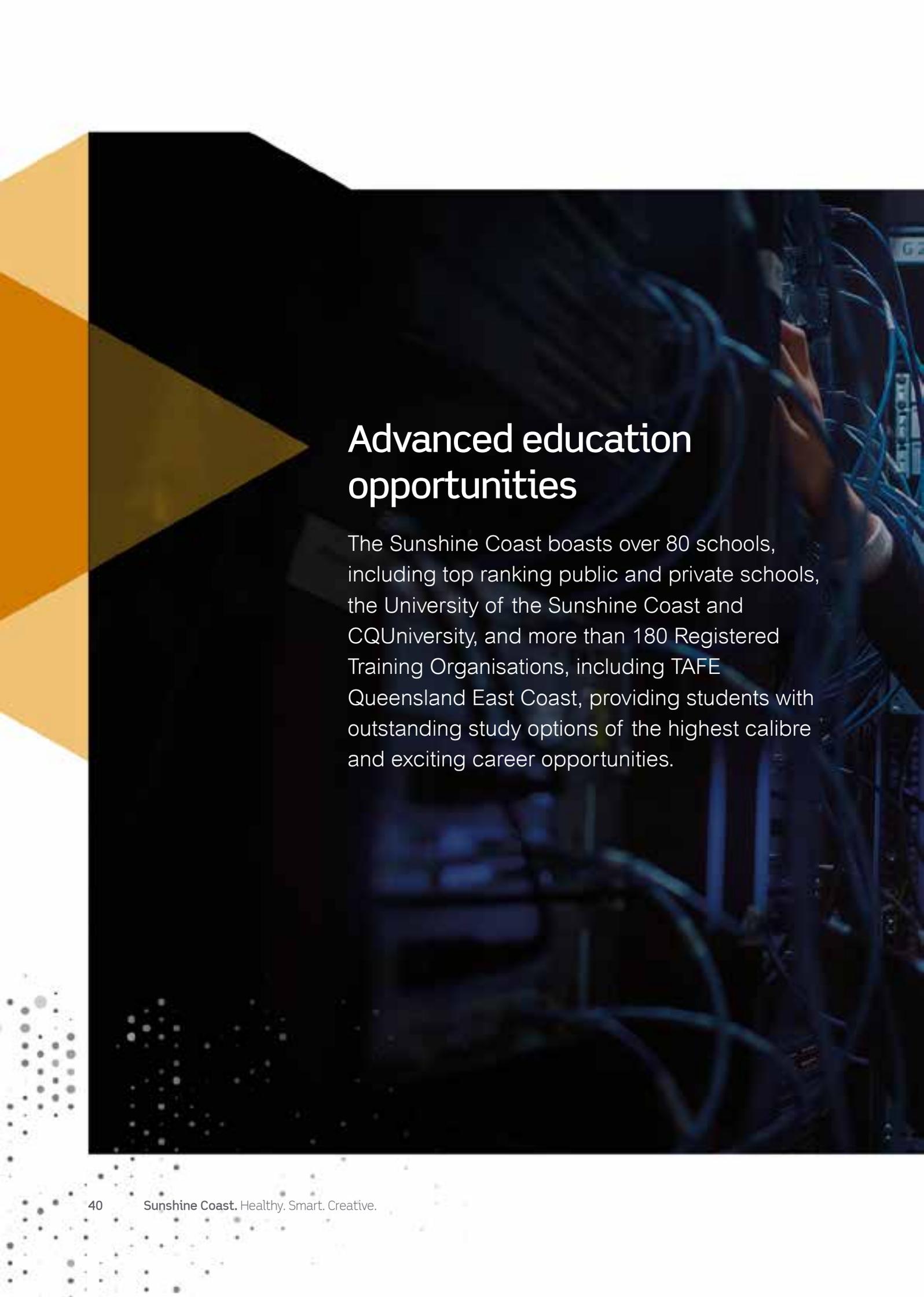
Encouraged by her teachers to explore a lunchtime program that allowed more in-depth exposure to the world of coding and robotics, Sarah attended a session with friend Ellie Vloedmanns, and found their interests captured but had some reservations about this being a 'girl' thing.

Teacher and peer encouragement and support eliminated these reservations, and Sarah not only continued to attend but also brought more females along, leading to the formation of RoboGEMS (Girls in Engineering, Mathematics and Science).

The RoboGEMS' first project was entering a Robotics Sumo comp, where they finished last. Sarah recalls this moment as a defining beginning in her robotic journey; rather than feeling deflated she felt energised.

- RoboGEMS won first place at the 2018 Queensland State FLL (FIRST Lego League) Competition for their Kitchen Top Helper, an autonomous irrigation system that could be used as a household counter top herb garden.
- Sarah was one of sixty Year 10 students at Girls in STEM (Science, Technology, Engineering and Maths) Power camp in Brisbane and returned as the 2018 female STEM ambassador.
- RoboGEMS won first place at the 2018 Mayor's Telstra Technology Awards where they explored new possibilities for their Kitchen Top Helper.
- In 2018, Sarah and the RoboGEMS teamed-up with male students to create RoboRoyals who won the Queensland FLL titles followed by the Australian National FLL Robotics Championships.





Advanced education opportunities

The Sunshine Coast boasts over 80 schools, including top ranking public and private schools, the University of the Sunshine Coast and CQUniversity, and more than 180 Registered Training Organisations, including TAFE Queensland East Coast, providing students with outstanding study options of the highest calibre and exciting career opportunities.





TAFE Queensland East Coast

TAFE Queensland is the premier provider of vocational education and training and the largest in the Sunshine Coast and Wide Bay region with seven campuses and over 20,000 enrolments annually. TAFE Queensland has been working alongside key stakeholders across the region to ensure education is at the forefront of the conversation regarding the changing innovation ecosystem. As a key partner in the Sunshine Coast Regional Innovation Program (#SCRIPT), TAFE Queensland East Coast works collaboratively in support of projects to connect, educate and inspire members of the Sunshine Coast community.

tafeqld.edu.au

'We want to give our region's young people the confidence and tools to take advantage of this (Certificate III) course and create their own businesses, or at very least, provide them with valuable skills that will ensure they excel in their future career.'

ANGELA LISLE, TAFE QUEENSLAND CENTRE DIRECTOR FOR CREATIVE AND DIGITAL

Certificate III in Information and Digital Media Technology – Entrepreneurship and innovation

TAFE Queensland's innovative Certificate III in Information and Digital Media Technology program is giving Year 11 and 12 students across the Sunshine Coast the chance to get ahead in the startup space. This ground-breaking program focuses on developing our next generation's ability to think in an entrepreneurial sense and embrace innovative ideas, by teaching them how to apply coding and digital media skills in a real world context.

The program was launched in 2018 with support from Mountain Creek State High School's Coding and Innovation Hub, Regional Development Australia Sunshine Coast and SPARK Bureau and is the first of its kind across TAFE Queensland.

tafeqld.edu.au/courses/17940/certificate-iii-in-information-digital-media-and-technology



University of the Sunshine Coast

After opening in 1996, USC has established itself as one of the world's top 150 young universities.

Its international reputation for research is growing every year too, with 26 fields rated at world standard or above in areas such as environmental sciences, medical and health sciences, engineering and technology.

As one of Australia's fastest growing universities, USC is committed to unlocking the innovation, productivity and full human potential of its regions, and to working with government, industry and community to encourage prosperity in a knowledge-driven world.

usc.edu.au

Bachelor of Design (Game Design)

This program prepares students to work in the fast growing and innovative sector of game design and development – where students use gameplay to address a range of social issues.

Institute for Cyber Investigations and Forensics

USC is at the cutting edge of cyber security and crime prevention, pioneering the first Institute for Cyber Investigations and Forensics in Australia. Students can choose from a range of cyber security programs and are taught by international experts who prepare them for work in this growth industry.



Engage Research Lab at USC

The Engage Research Lab investigates and develops interactive technologies such as computer games, smartphone and tablet applications, social media and artworks, where users can become involved, informed and inspired to change the world. They are committed to research that is collaborative and has measurable benefits to the community.

usc.edu.au/engage

CAVE2™ at USC

USC's CAVE2™ is a state-of-the-art visualisation tool, using 320-degree panoramic screens to create a 3D virtual environment that immerses the audience in visual and audio content. This unique experience makes CAVE2™ the ideal presentation tool, perfect for simulation exercises used in teaching or as a canvas to present complex research. As one of only four in the world, the CAVE2™ is the next generation of virtual, immersive visualisation technology, which is why schools, governments, businesses and industries are partnering with USC to reach their audiences.

usc.edu.au/cave



CQUniversity

CQUniversity is a renowned research institution and a benchmark leader for how universities should engage with their communities, with a continued expansion of student success, research excellence, social innovation and community engagement firmly in its sights. As a pioneer in the delivery of distance education, CQUniversity continues to be a leader in this area, with almost half of the student cohort made up of students studying off-campus, many of whom are based in rural and remote areas.

cqu.edu.au





Sunshine Coast Health Institute

Opened in January 2017, the Sunshine Coast Health Institute (SCHI) is a collaborative partnership between the Sunshine Coast Hospital and Health Service, USC, TAFE Queensland, and Griffith University. SCHI assists students to transition from studying healthcare into the workforce, and provides a strong research link between the university, TAFE Queensland and the healthcare industry. Students at the diploma to bachelor and postgraduate levels now have a direct pathway to employment, while course coordinators working near the new state-of-the-art hospital are able to ensure course content is relevant and practical, giving students the skills they need to work in a modern hospital.

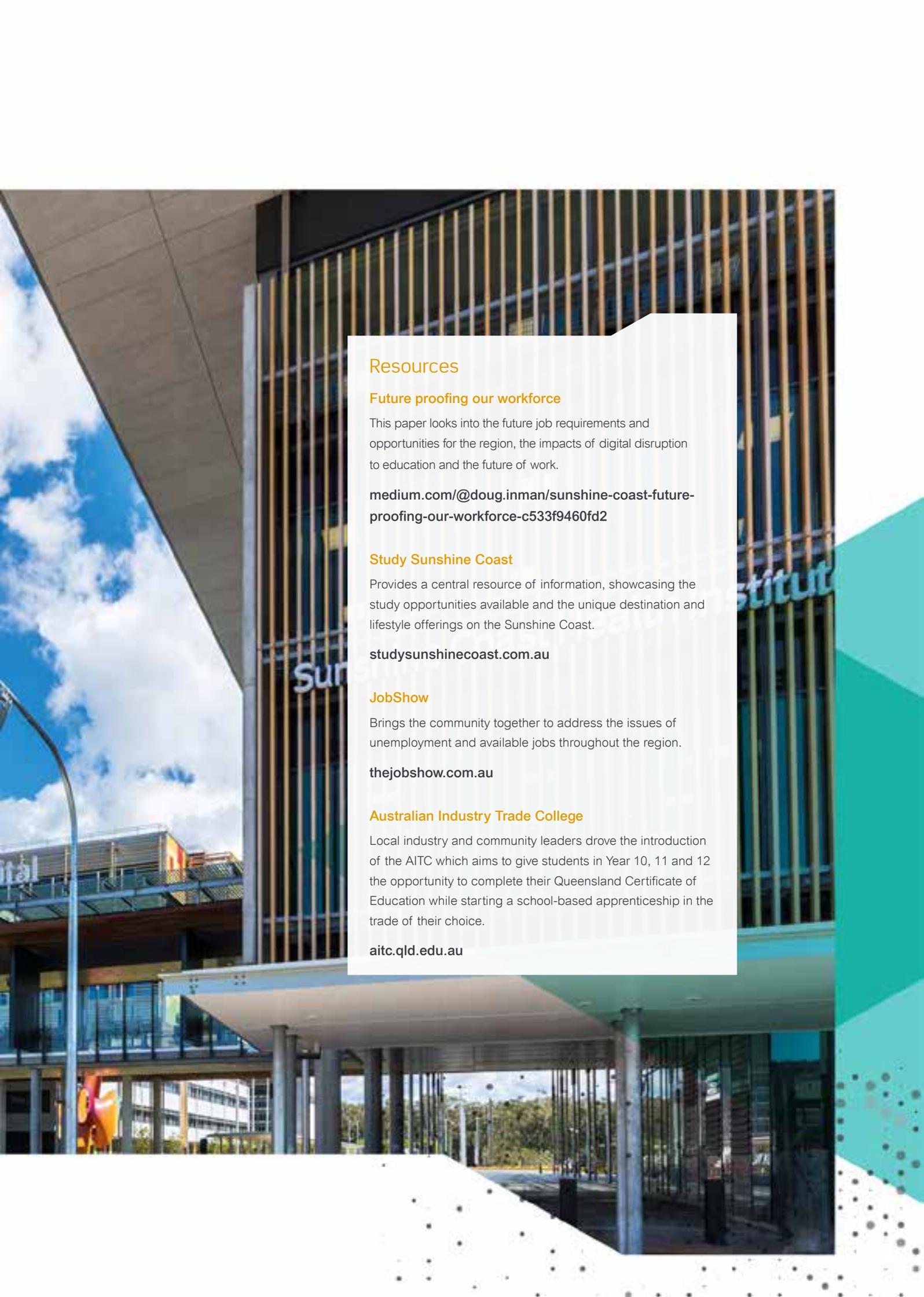
schealthinstitute.com.au

1000 students from TAFE
and **600** from University of
the Sunshine Coast in 2017

**199 TAFE nursing, aged care
and health administration students**
graduated in June 2018

1300 new students in 2018

- High fidelity clinical simulation suites and state of the art technology
- E-learning laboratories
- Clinical research laboratory with Physical Containment level 2 (PC2)
- Human body visualisation laboratories featuring a virtual dissection table
- Clinical demonstration rooms



Resources

Future proofing our workforce

This paper looks into the future job requirements and opportunities for the region, the impacts of digital disruption to education and the future of work.

medium.com/@doug.inman/sunshine-coast-future-proofing-our-workforce-c533f9460fd2

Study Sunshine Coast

Provides a central resource of information, showcasing the study opportunities available and the unique destination and lifestyle offerings on the Sunshine Coast.

studysunshinecoast.com.au

JobShow

Brings the community together to address the issues of unemployment and available jobs throughout the region.

thejobshow.com.au

Australian Industry Trade College

Local industry and community leaders drove the introduction of the AITC which aims to give students in Year 10, 11 and 12 the opportunity to complete their Queensland Certificate of Education while starting a school-based apprenticeship in the trade of their choice.

aitc.qld.edu.au



Infrastructure investment

Sunshine Coast Council is building a new economy based on a clear 20-year economic plan which presents multiple investment opportunities and opens new avenues for business growth, development and expansion.





International broadband submarine cable

From 2020, the Sunshine Coast will deliver the fastest telecommunications connection to Asia from Australia's east coast and the second fastest to the United States. With future-proof capacity, the international submarine cable will increase data transmission speed, reduce risk and lead to reduced international communication costs for businesses and consumers.

Sunshine Coast Council is the first local government in Australia to invest in an international submarine cable which will connect to the new Gigabit Maroochydore city centre and provide Queensland's first direct international data and telecommunications connection to global systems.

This means businesses in Queensland have the capacity and speed to connect to billions of people through the direct cable paths to Hong Kong, Japan and Los Angeles, truly connecting the Sunshine Coast to the world. It will also change our region's profile from a tourism industry and encourage big business to consider the Sunshine Coast as a tech-savvy region and a smart place for their business – the HQ with IQ.

invest.sunshinecoast.qld.gov.au

Highlights

- A 550 km undersea fibre optic cable will connect the Sunshine Coast to the 9,700 km Japan-Guam-Australia submarine cable network
- Up to A\$927 million in new investment in Queensland
- Up to 864 new jobs
- A\$30-40 million per year in cost savings of national and international backhaul to Sydney
- Greater resilience by removing the single point of failure of existing cables in Sydney
- Vertiv's Australian team will design and construct the cable landing station



Hong Kong
China

Mayurama
Japan

Los Angeles
USA

Hawaii
USA

PNH
Guam

SUNSHINE COAST

Sydney



Sunshine Coast Airport

The Sunshine Coast Airport is being expanded to meet community needs and continue to support the development of the region's economy. On track to be completed and commissioned by Christmas 2020, the new runway will open the Sunshine Coast up to the world, unlock more tourism opportunities, new international trade prospects and provide a springboard for businesses to export their products and services to markets faster and more efficiently. The new longer, wider runway will also enable direct access to new markets in Asia, the Pacific and other locations in Australia which are not currently serviced with direct flights to and from the Sunshine Coast.

sunshinecoastairport.com.au/Corporate

Highlights

- A\$4.1 billion contribution to Gross Regional Product (2020-2040)
- 2,230 new full-time direct and indirect jobs by 2040
- Potential to attract up to 2 million passengers to the Sunshine Coast annually



Sunshine Coast University Hospital (SCUH)

The A\$1.8 billion hospital has led a major expansion of public health services on the Sunshine Coast and is one of Queensland's largest clinical teaching and research facilities. The service includes emergency care, a comprehensive cancer centre, specialised medical and surgical services, rehabilitation service, mental health unit, renal service interventional and diagnostic clinic support services, outpatient service and allied health service. Opened in April 2017, SCUH is revolutionising healthcare in the region and is supported by highly trained and specialised staff.

health.qld.gov.au/sunshinecoast/services-and-facilities/facilities/sunshine-coast-university-hospital



 **Sunshine
Coast**
AIRPORT



Sunshine Coast Solar Farm

Sunshine Coast Council is Australia's first local government to offset its entire electricity consumption across all its facilities and operations by being the first council in Australia to build a utility scale solar farm.

solarfarm.sunshinecoast.qld.gov.au

Highlights

- 15 MegaWatt Solar Farm went live in July 2017
- the first solar farm connected to Energex's 33kV grid in South East Queensland
- the first solar farm in Australia to operate at 1,500 Volts to operate more efficiently
- the largest solar farm built in South East Queensland
- offsets all electricity consumed by Council including: power (air conditioning, heating, computers, lighting, etc); all sites (including caravan parks, aquatic centres, showgrounds)

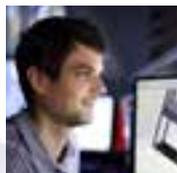


Maroochydore city centre

A new 21st Century city centre is being built from the ground up, showcasing excellence in urban design, innovation and technology, with Australia's first underground waste system. This ground-breaking development will be embedded with smart technology throughout, creating a cleaner, greener, dynamic city centre that's not only desirable and liveable; it will have a transformative impact on the regional economy.

maroochydore-city.com.au





Architectural Metalworks Australia

Architectural Metalworks Australia (AMA) has been operating on the Sunshine Coast since 1981, manufacturing and supplying aluminium balustrades for commercial and residential applications across south east Queensland.

Known as a technology champion for its wide use of apps and systems to improve productivity and lower costs, AMA is connected to business-grade fibre internet delivered by local telecommunications provider Elypsys and uses mission critical software Asana, an online task manager system to run its organisational operations across multiple locations.

amau.com.au

Highlights

- Staff: 55 on Sunshine Coast, 12 in Brisbane
- Recently successfully entered the US market and moving forward with developing markets in Asia/China

'Improved data speeds will be very beneficial in our client relations and presentations through improved video streaming and conferencing efficiencies (reducing lag) when communicating with the US and Asia. The flow on benefits of the international broadband submarine cable will provide greater network redundancy to ensure internet availability, especially for mission critical management systems we use, such as Asana. It will also increase competitiveness for improved costs, peace of mind if communication lines are down and improve latency to run our business more efficiently.'

SAM BEVIS, GENERAL MANAGER





HeliMods

HeliMods services the global helicopter market from its world class, purpose-built facility at Caloundra Airport on the Sunshine Coast.

HeliMods combines cutting-edge technologies with world-class talent, transforming helicopters to take on special missions like firefighting, law enforcement, and medical rescue. As a local startup turned global scale-up, HeliMods is recognised as true innovators shaping the future of the industry.

helimods.com

Highlights

- Multinational team of 20+ highly skilled engineers and advanced technology workers.
- Uses cutting edge technologies, including fully associative, digital 3D design and Computer Aided Engineering (CAE), 3D laser scanning, 3D printing, and augmented reality.
- Creating a completely digital 'factory of the future' through a full industry 4.0 transformation.
- Extensive use of AI, robotics, big data and analytics, and advanced human-machine interface.
- Awarded an important defence industry contract in 2017 to manufacture cabin wet decks for the Australian Navy's MH-60R Seahawk Romeo helicopter fleet.
- Delivering a fleet of custom designed and built emergency medical helicopters for the Queensland State Government in early 2019.
- Providing its Powered Aero Loaders™ into Ornge Canada's fleet of AW139 helicopters, the largest fleet of advanced, emergency medical helicopters in the world.
- Providing Victoria Police Air Wing with a fleet of customised rapid-tactical response helicopters for airborne law enforcement. This fleet will be the most technologically advanced of its kind in the world.



HeliMods awards



2018 Telstra Business awards Queensland Business of the Year

Category winner, medium and making waves



Sunshine Coast Business Awards

2018 - Winner Manufacturing

Large business

2017 - Business of the year

Excellence in innovation;
Employee of the year – Rohan Driver;
Outstanding business person of the year – CEO Will Shrapnel

2016 - Winner, Technology Innovation

Outstanding business person of the year – CEO Will Shrapnel

Sunshine Coast Major Projects

Solar Farm



















> \$10 million
 economic benefit
 100% of council's electricity offset by renewables

100% of council's
 electricity offset
 by renewables

Sunshine Plaza



\$400 million
 expansion
 creating 5200
 construction
 and retail jobs

Maroochydore



15,000
 jobs
 \$4.4 billion contribution to economy

Bruce Highway



\$1.6 billion
 expansion and upgrade
 First stage to be completed by 2020

Palmview



\$3 billion
 development
 17,000 residents

Beerwah East



44,000
 residents
 Development ready by 2027

NOOSA BAY
REGIONAL
COUNCIL

MORISTON BAY
REGIONAL
COUNCIL



Airport



2230 jobs

\$4.1 billion contribution to economy

International Broadband Submarine cable

\$927 million

per annum to Queensland economy



\$45.9m per annum to Sunshine Coast economy

University



\$81 million

expansion complete

20,000 students by 2020



Hospital



4600 jobs

\$1.8 billion investment



Light Rail Project

Stage 1 by 2025

9000 jobs

\$3.6 billion contribution to economy



Aura (Caloundra South)



50,000

residents

\$7 billion+ investment



Programs and events



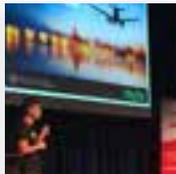
January to May

Mayor's Telstra Innovation Awards

An annual program for youth in Years 10-12 to showcase innovative ideas, learn new skills and win prizes.

The competition connects students with industry mentors to develop entrepreneurial thinking and creative uses of technology.

www.sunshinecoast.qld.gov.au/techawards



March

BiG Day In digital careers conference

Allows secondary school students in Years 9-12 and educators from across the Sunshine Coast to benefit from the insights of experienced technology professionals from a range of global companies.

thebigdayin.com.au



April

Startup Weekend Sunshine Coast

An intense, action-based weekend event for people with business ideas looking for skills, or people with skills looking for a business idea.

facebook.com/SWSunshineCoast/

April to June

Generation Innovation

An annual challenge for 15-25 year olds wanting to start their own business.

generationinnovation.com.au

July

#SunJam

Over 50 game designers, developers and artists – both amateur and professional – come together for an intensive 48-hour Jam Session, forming small creative teams to design and prototype innovative game ideas.

usc.edu.au

September

GovHack Sunshine Coast

Held as part of the annual national GovHack competition which explores the opportunities for new products and services based on open data sets.

govhack.org

The 2018 event attracted 57 entries across two Sunshine Coast locations, representing 30% of entries across Queensland.

November

Serious Games Showcase

An annual event which features presentations by teams of University of the Sunshine Coast Serious Games students, academics, and local game developers, as well as opportunities for visitors to play games and enjoy virtual reality experiences.

usc.edu.au

Throughout the year

CoderDojo Sunshine Coast

A free coding club for school children held on Saturdays during school terms.

sunshinecoast.coderdojo.com.au

Innovation Centre Pitch Competition

An annual competition designed to help foster and grow business opportunities for the startup community.

innovationcentre.com.au/pitchfest

Sunshine Coast Chamber Alliance Business Mentoring Program

Mentors help business owners refine their business strategy, map out the direction their business should be taking and assist in setting goals for their business to succeed.

businessmentoring.sunshinecoastchamberalliance.com.au





 **Sunshine Coast**
COUNCIL

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