

## OUTCOMES AND ACHIEVEMENTS SNAPSHOT

### Goal 1 – Education: Raising educational attainment levels

#### Geelong Tertiary Futures Program

2015 - 2019

*Delivered by The Gordon*

10 week in-depth Tertiary Taster program for Year 9 students from 4 partner schools.

Students from Newcomb SC, Bellarine SC, Western Heights College and Northern Bay College undertake **10 days of orientation to tertiary courses**.

Five days for the completion of two modules of the Certificate I in Employment Pathways and five days to experience different in-depth preview courses, selected from 30 study areas.

- Over 2000 Year 9 students will undertake the program over 2015-2019
- 87% of students indicate a significantly improved knowledge of tertiary pathways
- 82% of students report a significantly improved understanding of what employers want
- 72% feel better prepared to plan for a future career
- 71% feel more motivated to continue their education

#### Digital Technologies Program

2016 - 2019

*Delivered by Skilling the Bay, The Gordon and the Geelong Tech School*

A suite of programs to build digital technologies capability for Year 9 and 10 students and teachers.

Two student programs add value to the digital school curriculum focusing on the **Internet of Things (IoT)** and **Gaming with Python (GwP)**.

**From 2016 to 2018, the Digital Technology teachers' network** delivered professional learning seminars for both primary and secondary teachers.

A new collaboration has now evolved to deliver Professional Development and promote STEM teaching capability in secondary school teachers through the **Geelong Tech School**.

- 250 students have completed the Internet of Things and/or Gaming with Python short courses
- 100% of graduates in the IoT and GwP placed a higher level of importance on completing a STEM qualification
- 100% of graduates in the IoT and GwP have a better understanding of the importance of digital technologies for a wide range of career pathways
- Over 200 primary and secondary teachers engaged in the D-Tech Teachers' Learning Community
- A wide range of seminars and workshops building teacher capability were delivered in schools across the Geelong region
- A suite of funded teacher Professional Development is available for 24 partner schools at the Tech School

#### Newcomb D-Tech Skills Builder

2017 - 2019

*Collaboration between The Gordon, Newcomb Secondary College and Skilling the Bay*

Unique Year 7 - 10 digital technology curriculum collaboration between The Gordon and Newcomb Secondary College.

The program is a **combination of industry informed training curriculum and the Victorian Curriculum Digital Technologies framework**.

It facilitates collaboration between the school and the RTO to provide students with a learning platform, giving them a rare insight into skills for the 21st Century and jobs of the future.

- Up to 200 students and 12 teachers each year engaged in the program
- Combines the best of industry and school VCAA digital technology curricula
- Focus on Web Design, Robotics and the Internet of Things, Coding with Python and Networking in the first phase
- Emerging technologies such as Cyber Security, Virtual and Augmented Reality are being incorporated in phases
- Advanced Standing assessment of student work products eligible for Recognised Prior Learning
- Comprehensive professional learning program for The Gordon and Newcomb Secondary College teaching staff

## Goal 1 – Education: Raising educational attainment levels

### STEM Manufacturing Futures

*Delivered in 2018-2019 by the Geelong Manufacturing Council (GMC) in partnership with key industry organisations*

*Previously delivered from 2006 - 2017 by the Geelong Regional Vocation Education Council (GRVEC)*

*Skilling the Bay provided support to GRVEC in 2017 and GMC in 2019*

Providing Year 9 and 10 students with hi-tech, advanced manufacturing education and employment pathways.

#### Geelong Future Leaders of Industry program:

- Schedule of visits to hi-tech manufacturing plants and STEM education sites with guest experts
- Leadership and problem solving workshops
- Mentor guided work experience.

#### Girls Leading in Advanced Manufacturing:

- Emphasis on female industry professionals delivering the program of events, tours and team workshops
- Focus on advanced technology, design, engineering and innovative manufacturing
- Mentor guided work experience.

- 40 students completed the 8 month program in 2017 with 22 Industry hosts and educational partners
- Since inception, 220 students have completed the program
- Post 2013 outcomes (to allow time to complete post-secondary courses or enter the workforce):
  - » 99% were in training or work
  - » 47% were studying or working in engineering or science related fields
  - » 2 students are currently undertaking PhDs at Deakin University
- The 2019 program is now underway with over 40 students beginning the program in May

### Growing the Health and Community Services Workforce

2014 - 2019

*Delivered by the Geelong Regional Local Learning and Education Network (GRLEN)*

Providing entry level employment pathways into the rapidly expanding Community Services and Health sector

Raising awareness of **education and career pathways** for school students.

Taster programs, school leaver programs, expos, work placements, Vocational Education and Training in Schools (VETiS) and School Based Apprenticeships and Traineeships (SBATs). Includes programs tailored to Aboriginal and Torres Strait Islander students, those with EAL and/or with a disability.

- Over 1000 enrolments in SBATs and VETiS courses, over 500 students in non-accredited programs from 2014-2019
- 87% student completion rate for accredited programs
- 120 students completing the Barwon Health Work Experience program over 2015-2018.
- 128 students engaged in Experience Community Services program over 2014-2018
- Over 60% of participants across non-accredited programs are from under-resourced backgrounds
- 80% of participants across accredited and non-accredited programs intend to pursue a career pathway in Community Services and Health

### Successful Students – STEM

2015 - 2017

*Delivered by Deakin School of Education*

Professional learning program for teachers at 10 partner schools to build STEM capability

**Raising Science, Technology, Engineering and Mathematics (STEM) teaching capability** targeting Year 7 and 8 teachers.

Program elements include:

- STEM teacher's network, dedicated website with online resources
- Intensive workshops providing exemplar curriculum
- STEM into Industry (school/industry) partnership
- STEM Conference attracting national interest

- STEM Education Conference attracted international interest and 150+ delegates
- 100% teachers from the STEM Program 10 partner schools reporting significant improvement in their STEM education practices in the classroom
- 88% of students from partner schools reported improved awareness of the importance of STEM for future education and sustainable employment
- 30 teachers engaging 2270 students each year in best practice STEM teaching

## Goal 2 – Employment: Increasing workforce participation through training and reskilling

### Northern Futures

2015 - 2019

*Delivered by Northern Futures*

Place based education-to-employment program for long-term unemployed residents in Geelong's northern suburbs.

**Supports people at risk of, or experiencing long-term unemployment to re-engage in vocational education and training (VET) and transition to employment.**

The program is delivered through a partnership between local employers, government, the local community and education and training providers.

- Over 350 people have participated in the program over 2015-2018
- Average of 85% completion rate
- 48% have achieved employment outcomes (measured at 16+ weeks); a rate exceeding the national benchmark.
- 18% continued with further training or education
- Over 40 local organisations supporting the program with work placements or direct employment.

### Whittington Works

2015 - 2019

*Delivered by Whittington Works Alliance*

Supported education-to-employment program for the long-term unemployed in Geelong's eastern suburbs.

**Education, training and employment programs to increase workforce participation in the 3219 postcode through engaging community members at risk of long-term unemployment in vocational education and training.**

Training programs focus on industries experiencing skills and/or labour shortages. Delivered by the Whittington Works Alliance, auspiced by the City of Greater Geelong.

- 134 local residents enrolled in training programs over 2014-2017
- 72% successfully completed
- 46% successfully transitioned to employment

### Workforce Development Centre

2014 - 2016

*Delivered by Skilling the Bay and The Gordon*

Established in 2014 in response to large scale manufacturing and supply chain closures to provide career advice for retrenched workers and their families.

In January 2016 the Workforce Development Centre transitioned to the new Skills and Jobs Centre (SaJC). Building on the effective model of service delivery and regional collaboration, the Centre provides **career advice, job search assistance, and re-skilling and training options** for retrenched workers, students and those seeking additional support to re-enter the workforce.

- Under Skilling the Bay, 600 clients were assisted with pathway and career planning
- 46% of clients were retrenched workers seeking a new career
- 95% participant satisfaction rate

### Returnships Program

2017 - 2018

*Delivered by Skilling the Bay and The Gordon*

Short term paid employment program to assist priority cohorts to re-enter the workforce and gain current work experience.

**Addressing gaps in confidence and experience in priority groups such as retrenched workers and those wanting to return to work after extended absence.**

Delivered by The Gordon Skills and Jobs Centre, co-funded by Commonwealth Department of Employment.

- 40 participants have undertaken a Returnship placement since the program was implemented in July 2017
- 25 participants have gained employment as a result
- 27 local employers provided placements equivalent to 3 weeks work experience across multiple industry sectors
- 100% employers indicated that the program had benefited their business

## Goal 3 – Skills: Growing existing and emerging industries through targeted skills development

### Skilling the Health and Community Services Workforce

2015 - 2017

Delivered by The Gordon

Supporting workforce development and pathways to employment in the Community Services and Health sector.

Three unique training programs co-developed with industry to **optimise workforce capacity within the Health and Community Services sector** to meet current and future workforce demand have been delivered.

The initiatives:

- Created new VET training pathways, enabling more people to begin a career in the sector
- Facilitated the transition of workers from declining industries into the sector
- Developed leadership and management capability in the sector, through access to tailored management qualifications

- 42% of Passport Skills Set participants went on to employment or further training
- 12 graduates from the Diploma of Leadership and Management (tailored to the Health and Community Services Sectors) in 2016
- 8 Diploma of Leadership and Management participants nearing completion in 2017
- 31 participants in the Career Bridging Program over 2015-2016 with key industry partners including Barwon Health, National Disability Insurance Authority and WorkSafe

### Skills for Advanced Manufacturing – Composite Materials

2016 - 2017

Delivered by The Gordon

Building workforce capability for the emerging carbon fibre advanced manufacturing sector.

A targeted, industry-led approach to skills development for the emerging composite materials sector **to develop new training products to cover specific carbon manufacturing processes.**

Creation of a new training and employment pathway for retrenched workers into the advanced manufacturing sector.

- An 'Australian first' accreditation of the Course in the Use of Carbon Fibre in Composite Manufacturing
- 21 participants completed the course over three intakes
- 8 participants were ex-Ford employees
- 7 achieved employment in the sector after graduating
- The Project was a finalist in the 2017 Victorian Training Awards, demonstrating extensive industry collaboration

### Skilling for Business Success

Delivered by:

- Upstart Entrepreneurial Challenge 2016 - 2018
- G2 Innovation 2016
- Technology Geelong 2015 - 2017

Supporting Geelong's SMEs through innovation and entrepreneurship.

- A suite of programs consisting of:
- Upstart Challenge - **inspiring the next generation of entrepreneurs**
  - Innovation Forums and Masterclasses for Geelong region SME's including support for the inaugural PIVOT summit
  - Destination Entrepreneur providing formal **innovation training to support current and future entrepreneurs**
  - Geemap – a collaborative effort to support growth and awareness of Geelong's entrepreneurial ecosystem

- 632 secondary school students participated in the Upstart Challenge from 15 schools
- Finalists have been mentored by local business leaders to develop their business ideas
- 457 people have participated in Entrepreneurial Forums, Masterclasses or Training programs
- 78 graduates of the Destination Entrepreneur Training program, resulting in 15 new businesses and 14 new jobs
- Interactive, publicly available online resource mapping Geelong's entrepreneurial ecosystem