



**OTAGO**

**POLYTECHNIC**

Te Kura Matatini ki Otago

# Your partner in education

Auckland

Central  
Otago

Dunedin





# Kia ora and welcome to Otago Polytechnic!

**New Zealand is a safe and peaceful country with one of the best education systems in the world. Here, Otago Polytechnic is a leader in high quality, career focused education that prepares students for a wide range of industries and sectors.**

- > We're ranked 1st in our sector for qualification completions by New Zealand's Tertiary Education Commission
- > We've attained the highest possible rating for our educational performance from the New Zealand Qualifications Authority
- > With a history dating back to 1870 we have a long tradition of producing exceptional graduates who are capable, sustainable and sought-after practitioners in their chosen fields.
- > Through our applied research and development, and our commitment to sustainability, we make a difference to the environment, the economy and the community.

We are proud to partner with a diverse range of institutes, industries and organisations in New Zealand and around the world to develop opportunities in education and business.





7,000+

full- and part-time students

850+

international students  
from 41 countries



97%

graduates in  
work, study  
or both

100+

programmes,  
certificates to  
postgraduate

\$69m  
in revenue

No.1

for qualification  
completions

3

campuses

550+

permanent academic  
and professional staff

95%

employer  
approval

# Working together to achieve more

At Otago Polytechnic, our aim is to make a difference wherever we can, through the educational services we offer, the research expertise we have available, and our commitment to our environment and society.

In partnership, we offer services in the following areas:

## **Achieving educational excellence**

As specialists in hands-on, experience-based education, we can support the development of vocational education for a range of industries and sectors. We look forward to exploring educational opportunities with partners around the world.

## **Sharing research and expertise**

Staff and students at Otago Polytechnic are respected researchers and practitioners in a range of discipline areas, including health and wellbeing; business improvement; innovation and sustainability. We welcome opportunities to draw upon these specialities in our projects and partnerships.

## **Making a difference to the environment, and collaborating with our communities**

Sustainability is a core value for Otago Polytechnic, and is at the heart of the projects we undertake and the operational decisions we make. We are committed to ensuring our graduates enter the workforce with the skills to practise sustainably in their careers.

We offer qualifications in sustainable practice, and provide consultancy services to assist organisations seeking to operate on a more sustainable basis.





## Fashion-forward collaboration strengthens

**The creative alliance between Otago Polytechnic's School of Design and Shanghai University of Engineering Technology (SUES) continues to strengthen, with annual exchanges prominent on each institution's academic calendar.**

First formalised with an Agreement of Cooperation in 2006, the partnership echoes the special sister city relationship between Dunedin and Shanghai.

Selected Otago Polytechnic Fashion students are invited to show their collections at the prestigious Shanghai Fashion Week, and Communication Design students also attended to participate in a fashion photography collaboration.

In exchange, selected SUES Fashion Design students travel to New Zealand to show at iD Dunedin Fashion Week, as well as SUES Modelling students who grace the southern catwalk.

# Our study options

## English & Foundation Studies

English Language  
Foundation Studies

## Health, Community & Education

Nursing  
Midwifery  
Occupational Therapy  
Social Services  
Tertiary Education

## Creative

### Art

Ceramics, Electronic Arts,  
Jewellery and Metalsmithing,  
Painting, Photography, Print,  
Sculpture and Textiles

### Design

Communication, Interiors,  
Fashion, Product, Creative Studies  
and Design Enterprise

## Hospitality

Cookery  
Culinary Arts  
Food & Beverage Service  
Hospitality Management

## Business, Tourism & IT

Business  
Professional Practice  
Tourism  
Information Technology

## Trades & Technical

### Construction

Carpentry, Construction  
Management,  
Architectural Draughting, Quantity  
Surveying and Stonemasonry

### Engineering

Automotive, Mechanical,  
Civil and Electrical

## Sport & Adventure

### Sport

Physical Activity, Health and Wellness,  
Management and Coaching, Personal  
Training, Physical Conditioning,  
Performance and Movement Analysis

### Adventure

Outdoor Leadership, Snowsports  
and Avalanche Safety

## Natural Sciences

### Horticulture

Arboriculture, Viticulture and  
Sports Turf Management

### Agriculture and Farming

Veterinary Nursing  
and Animal Health  
Sustainable Practice





- > We offer more than **100 programmes of learning**, including certificates, diplomas, bachelors' and masters' degrees, and graduate diplomas.
- > We rank **first in our sector** for qualification completions.
- > We are a **Category 1 education provider**, with the highest-possible endorsement from the New Zealand Qualifications Authority for our educational performance, and our ability to assess our own performance.



# Our teaching

## We are specialists in career-focused education.

- > In the past seven years, 14 of our teachers have won **National Tertiary Teaching Excellence Awards**.
- > To connect theory to practice, we facilitate internships, project partnerships and **provide our students with outstanding facilities, work experience** and industry connections.
- > We offer **innovative ways of delivering our programmes**, including online, blended-delivery and work-based learning options.
- > **International study abroad and exchange opportunities** enable our students – and those from our partner institutions – to broaden their experiences and gain global understandings.





## **Our Assessment of Prior Learning services**

**[www.capablenz.co.nz](http://www.capablenz.co.nz)**

We recognise that many professionals have significant workplace knowledge and skills but do not have the qualifications to match. Our world-leading assessment methods can assess capabilities developed through years of work and life experience, and award participants with academic credit towards a qualification.



# Our campuses

We have three campuses – in Dunedin, Central Otago and Auckland – and learners studying at satellite campuses, partner institutions and online.







# Dunedin

[www.op.ac.nz/dunedin](http://www.op.ac.nz/dunedin)

Our main campus is in scenic and vibrant Dunedin. With about 30,000 student residents, Dunedin is the city with New Zealand's richest educational history.

Most of our programmes can be studied at our Dunedin campus.





# Central

[www.central.op.ac.nz](http://www.central.op.ac.nz)

Based in Cromwell, the Central campus is surrounded by some of the most breath-taking scenery in the world. You might recognise it from Lord of the Rings!

Central offers a suite of programmes tailored to local industries and opportunities, and the special character of this region.







# Auckland International Campus\*

[www.op.ac.nz/auckland](http://www.op.ac.nz/auckland)

International students can study English and Business programmes at our Auckland International Campus, located in the heart of New Zealand's largest city.

\*Auckland International Campus is a partnership between Otago Polytechnic and Future Skills Academy.





# Our students

With more than 7,000 students – including over 850 international students from 41 countries – Otago Polytechnic's student community is vibrant and diverse.

94%

overall student  
satisfaction

92%

satisfaction  
with teaching

94%

satisfaction  
with services

97%

satisfaction  
with learning  
environment

- > Our qualification completion rate is the **best in our sector** in New Zealand, and our student satisfaction levels are consistently high.
- > We place strong emphasis on pastoral care, ensuring our **students are well-supported** to achieve academic and career success.









“Otago Polytechnic deserves its great reputation in teaching and learning, and its international programmes are excellent in my view.”

After spending seven years in Dunedin, Culinary Arts graduate Emma Yang feels well and truly at home – she’s even investigating the viability of setting up a Chinese café in the southern city.

Originally from China, Emma enrolled at Otago Polytechnic, first completing a National Certificate in Hospitality (Basic Cookery) (Level 3) and then a Bachelor of Culinary Arts – the world’s first design-led undergraduate culinary degree.

“Our lecturers encouraged us to be creative with food and gave us their full support on projects of our choice,” she explains. “This support made my studies so inspiring and enjoyable.”

### **Emma Yang**

Certificate in Cookery (Level 3) and  
Bachelor of Culinary Arts





“This was the best trip I’ve ever done. We just had the most amazing time!”

International business student Marius Manietta (far left) had the time of his life when he spent a year at Otago Polytechnic, thanks to a partnership with his home institution, Hochschule Harz, in Germany. The partnership sees business students complete a year of study at Otago Polytechnic, enabling them to gain a double degree from the two institutions.

“I chose to come to Otago Polytechnic because of its great reputation, all my studies could be cross-credited to my home institution – and of course the chance to travel New Zealand,” says Marius.

As well as undertaking classes, an internship and a major research project, Marius and friends spent their summer exploring the country. They did it all, from sky diving to bungy jumping to whale watching.

Learn more about his adventures at  
[www.facebook.com/exploremoreNZ](https://www.facebook.com/exploremoreNZ)



“My lecturers made me feel like I was at home.”

Hailing from Chennai in India, Yogi made the move to New Zealand to study Mechanical Engineering at our Dunedin campus.

Yogi says the support system at Otago Polytechnic helped him adapt to his new life in Dunedin.

“My lecturers helped me manage my study load which helped me a lot, and I received great support from each and every member of the Polytechnic.”

The applied learning approach is what Yogi has enjoyed the most about his degree studies.

“You get hands-on experience at Otago Polytechnic; it’s not just sitting with books,” he explains. “It’s more like having a work experience period of a few years.”

**Yogeshwaran (Yogi) Sivakumar**

Bachelor of Engineering Technology (Mechanical)





“Doing my internship has increased my confidence.”

Coming from India to study a Graduate Diploma in Applied Management at Auckland International Campus, Vama describes her internship with Impression Real Estate as the highlight of the programme.

“It is such a fantastic way to integrate my theoretical knowledge with practical work,” says Vama. “I think that my internship has given me the best opportunity to work in a corporate company and that will add further value to my qualification and career.”

Anita Barry, Business Development Manager of Impression Real Estate, describes how their hands-on internship programme allows students to get a taste of every part of the organisation.

“We get our interns to do such a huge variety of tasks,” explains Anita. “Over the last couple of weeks, Vama has done everything from data basing to conducting a bus tour with 28 prospective tenants to helping stage an apartment. She’s done everything from admin work right through to assisting senior property managers.”

### Vama Shah

Graduate Diploma In Applied Management



“The academic content and projects were developed with my work in mind, advancing my employer’s aims as well as my own.”

Jane Gregory left school at 18, and began a varied and enjoyable career in financial administration.

Over time, however, it became obvious that despite her extensive knowledge and experience, a degree qualification was essential to help her progress further in her career.

She was drawn to Otago Polytechnic’s distinctive Capable department, which uses a world-leading Assessment of Prior Learning process that allows candidates to gain credit for their skills and experience as they work towards a formal qualification.

The opportunity to gain her degree through work-based learning sounded interesting and relevant to Jane – and to her employer.

“Capable gave me the opportunity to gain my degree in just 18 months – and while still working,” she says.

### Jane Gregory

Bachelor of Applied Management  
(Business Excellence)





“One of the most obvious concerns is that Peru’s rocky, mountainous terrain is treacherous to negotiate – especially with a wheelchair.”

When design engineer Tristan Kennedy embarked on a collaborative project to improve mobility for impoverished Peruvian children with significant physical disabilities, it presented an ideal opportunity to undertake his Master of Design Enterprise at Otago Polytechnic.

The purpose of Project Mobilise is to create a wheelchair to ensure carers are more easily able to transport their young charges around.

“The dusty, dry environment also poses challenges from a mechanical perspective as it causes rapid degeneration of wheelchair parts,” Tristan says.

With these complex factors in mind, Tristan has been developing and refining wheelchair designs in consultation with his project partners. Soon, he’ll build a prototype of the chair for evaluation and testing.

### **Tristan Kennedy**

Master of Design Enterprise





# Our graduates

Otago Polytechnic graduates are renowned for their work-readiness, problem-solving abilities, and practical thinking.



97%

are working  
or undertaking  
further study

91%

are employed  
in a field that's  
relevant to their  
qualification

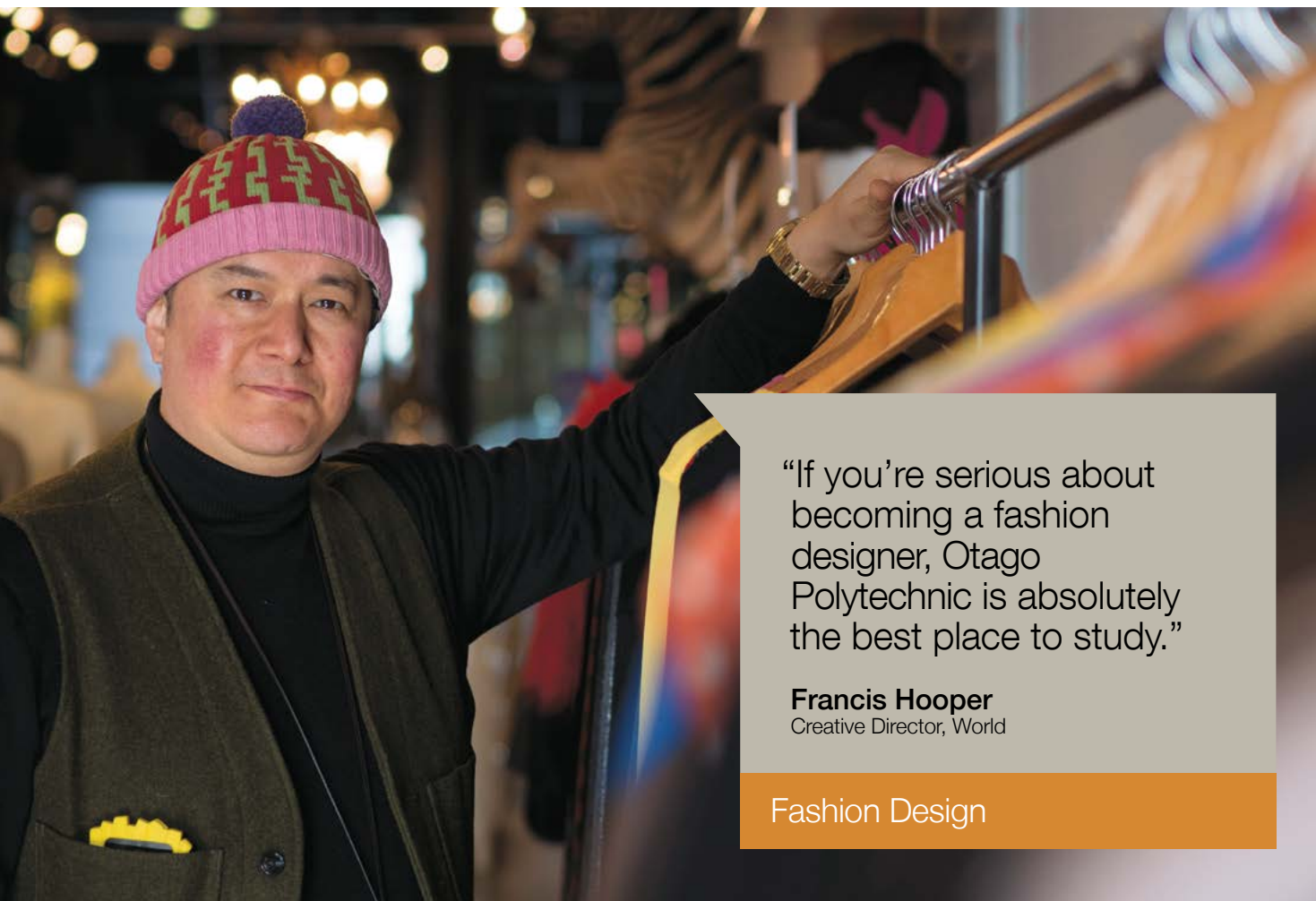
95%

of employers  
are pleased with  
the quality of  
our graduates









“If you’re serious about becoming a fashion designer, Otago Polytechnic is absolutely the best place to study.”

**Francis Hooper**  
Creative Director, World

Fashion Design



“We love Otago Polytechnic graduates. They’re work-ready, eager to learn and bring a can-do attitude to the job.”

**Alan Gilmour**  
Turf Manager, New Zealand Cricket

Sports Turf Management





“We like Otago Polytechnic graduates because they’re willing to learn and they come with a high level of clinical skill. They bring a sense of fun, motivation and innovation.”

**Mark Shirley**

Managing Director, Rata South

Occupational Therapy



“We love Otago Polytechnic graduates. They bring real-world practical skills that we find invaluable.”

**Peter Amer**

Director - Abacus Bio

Information Technology



# Our expertise

**Our expert practitioners and researchers are available to address the development needs of your organisation.**







**Through our four Centres of Research Expertise (CoREs), we offer specialist knowledge and experience in research, education, product development, systems improvement and professional development.**

#### **Innovation CoRE**

We have a proven track record in providing product and industrial design, information technology and engineering solutions, with services including collaborative product development, prototyping and design for production.

#### **Sustainability CoRE**

We can support you to proactively and genuinely integrate sustainable practices into your everyday operations, improving the sustainability of your organisation while delivering real benefits to the environment and society.

#### **Health and Well-being CoRE**

With a broad and holistic approach to health and well-being, and experts in Nursing, Midwifery, Occupational Therapy, Social Services, Life Sciences, Health and Wellness, Sport and Adventure, we can offer expert advice and assistance to a diverse range of organisations.

#### **Business Improvement CoRE**

Our business excellence qualifications and work-based learning programmes involve the development of solutions that move industries forward. We can also provide extensive professional development opportunities and consultancy services.

**[www.op.ac.nz/enterprise/expertise](http://www.op.ac.nz/enterprise/expertise)**





## MoU with Bougainville Polytechnic College

**Otago Polytechnic has been working with the Bougainvillian government as it establishes the country's first tertiary education institute.**

We have signed a Memorandum of Understanding with the new Bougainville Polytechnic College to deliver technical and health programmes in the region, and to establish quality control systems and staff training.

As a result of this relationship, 11 Bougainvillian public servants enrolled in the Certificate of Business Administration and Computing (Level 3), undertaking an initial three weeks of study in Dunedin before returning home to continue their studies online.

## Hi-tech electric car under development

**An international partnership has led to the development of a revolutionary electric car with hi-tech capabilities at Otago Polytechnic's School of Architecture, Building and Engineering.**

Capable of driving sideways and turning 360 degrees, the vehicle is the brainchild of Engineering Research and Postgraduate Leader, Dr Ziming (Tom) Qi.

Its development is an ongoing collaboration with China's Shenzhen Polytechnic and Taiwan National University of Science and Technology, with funding from the Chinese Government.

"This model uses four in-wheel motors as well as all-wheel steering," explains Tom. "But what really takes this car to the next level are the programmed buttons, which perform set manoeuvres."



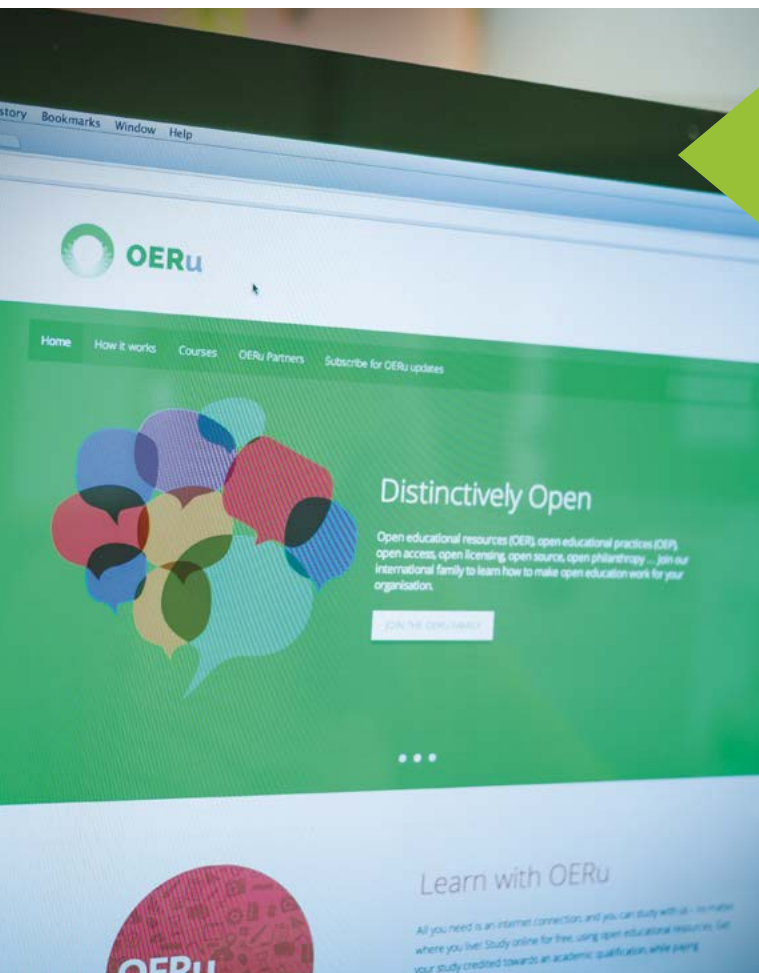
## Student's innovative stove launched in Samoa

**An efficient and sustainable cooking stove that aims to reduce the chronic health issues caused by open fire cooking in the Pacific Islands, has been launched in Samoa.**

The innovative oven was developed and produced on campus by Bachelor of Engineering Technology graduate, John Eteuati, during his studies. Otago Polytechnic contributed funding towards its development and financed the launch and installation of three of the stoves in the Samoan villages of Vaiala and Faatoia.

The ovens use much less wood fuel than is required for open-fire cooking, and produce significantly fewer emissions of harmful gases and smoke. There's also a positive social impact, as construction can be carried out locally using inexpensive and conventional building materials.





## Leaders in free and open tertiary learning

**Otago Polytechnic is fast becoming a pioneer of free online learning with the launch of the Open Educational Resource university (OERu), founded and headquartered at our Dunedin campus.**

Otago Polytechnic is fast becoming a pioneer of free online learning with the launch of the Open Educational Resource university (OERu), founded and headquartered at our Dunedin campus.

“All you need is an internet connection and you can study independently from home, with access to world-class courses from recognised institutions around the world,” says OER Foundation Director, Dr Wayne Mackintosh.

Users can receive peer-support from fellow learners, and some courses offer the opportunity to study with full-time registered students at one or more of OERu’s network of partner academic institutions across five continents.

Users can also gain real credentials, paying reduced fees if they want to be assessed on their learning.

## Food conference makes global impact

**More than 100 chefs and food designers from nine countries attended the International Food Design Experience – Conference and Studio, hosted by Otago Polytechnic to officially introduce its new Food Design Institute.**

The keynote speaker at the three-day event was Emilie Baltz, the Art Director and Curator of the PLAY bar at the New York Museum of Sex and founder of the Food Design Studio at the Pratt Institute in New York. Other guest speakers included Elisabet Skylare and Nikolaj Danielsen of the New Nordic Food Movement, and award-winning New Zealand-based chefs Michael Meredith, Gianpaolo Grazioli and Giulio Sturla.

Students of our Bachelor of Culinary Arts – the only design-led undergraduate culinary arts degree in the world – also featured on the programme, creating meals for the Gala Dinner which concluded the event.



Photos courtesy of Rebekah McNutt





## Design graduates on world stage

**In exhibiting for six months in Venice, ground-breaking Otago firm Architecture van Brandenburg showcased New Zealand as a source of inspiration, Dunedin as a hub of creative energy and Otago Polytechnic as a source of talented designers.**

The six-month exhibition, van Brandenburg: *Unfurling*, showcased the company's extensive range of 3D models for the 120,000 square metre Marisfrolg fashion headquarters it has designed in Shenzhen, China.

A team of Otago Polytechnic design graduates and lecturers have played a central role in the development of the architectural models for the complex dating back to 2007.

## Weighing up the costs

**Dr Ella Lawton has been looking into the relationship between health, wealth and happiness in Bhutan.**

As Otago Polytechnic's Sustainable Practice Advisor and Research Manager, she recently led the New Zealand Footprint Project, investigating the relationship between lifestyle, consumption and the effect it has on the environment. Now, she's involved in a project examining the ecological footprint of Bhutan in South Asia.

"Bhutan is moving away from subsistence farming towards urbanisation and capitalism," explains Ella, "and its government is asking whether this change is really making the country a happier and healthier place to live."



## Low water-use gardening expertise in demand

**Jo Wakelin, Principal Lecturer in Horticulture at Otago Polytechnic's Central campus, has been employed by the Central Otago District Council as a water demand management consultant.**

After the Council installed water metering and initiated volumetric charging for water, the associated negative feedback from ratepayers created a need for an education programme about water demand management.

Jo advises the local authority and residents about low water-use landscaping, using plant species that flourish without irrigation, and about better irrigation management techniques.







Special thanks to Isabella Harrex and Hayden Parsons for the majority of the photography. Thanks to others who have supplied images.





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