



# THE GOLD COAST HEALTH AND KNOWLEDGE PRECINCT PEOPLE TRANSFORMING LIVES

HEALTH AND KNOWLEDGE PRECINCT  
**GOLDCOAST.**™

## THE GOLD COAST HEALTH AND KNOWLEDGE PRECINCT JOURNEY



**1990:**  
Griffith University's Gold Coast campus opens, with a focus on health research and education.

**2000:**  
The Institute for Glycomics is established at Griffith University, the only institute of its kind in Australia and one of only six in the world.

**2001:**  
The Queensland Government and City of Gold Coast endorse the 200ha Gold Coast Health and Knowledge Precinct as a key economic zone for the Gold Coast.

**2016:**  
Construction begins on the Gold Coast 2018 Commonwealth Games Athletes Village.

**2016:**  
Gold Coast Private Hospital opens.

**2014:**  
The \$1.6bn Gold Coast light rail service commences operation, including two stops within GCHKP.

**2013:**  
Opening of the \$1.76bn Gold Coast University Hospital, one of Australia's largest teaching hospitals.

**2018:**  
The Gold Coast 2018 Commonwealth Games are successfully staged; the Athletes Village is transformed into the Smith Collective, a mixed-use residential and retail hub within GCHKP.

**2019:**  
Cohort Innovation Space opens, then expands twice to become Queensland's largest co-working and innovation space.

**2021:**  
Construction begins on Proxima, a private paediatric health development.

**2023:**  
Construction begins on RDX, a private health and life sciences development.

flashback: the Gold Coast Heath and Knowledge Precinct in 2001

### FIRST NATIONS

We acknowledge and pay respects to the Kombumerri people of the Yugambeh language region, the traditional custodians of the land of the Gold Coast Health and Knowledge Precinct, and all their descendants past and present.

We also acknowledge the many Aboriginal people from other regions, as well as Torres Strait and South Sea Islander people, who now live in the local area and have made an important contribution to the community.



### A VISION REALISED

**The Gold Coast Health and Knowledge Precinct (GCHKP) is Asia-Pacific's newest innovation hub, a vibrant entrepreneurial ecosystem now emerging onto the world stage.**

**We're internationally recognised for transforming lives through healthcare innovation, new knowledge and next-generation technologies.**

### OUR VALUE PROPOSITION

Anchored by Griffith University, Gold Coast University Hospital and Gold Coast Private Hospital, GCHKP co-locates leading global talent for collaboration and commercial success.

Backed by \$5 billion of health, education, transport and residential infrastructure, the 200ha GCHKP contributes a \$3.4bn value-add to the Queensland economy and is home to 15,000 workers, 1,000 researchers, 20,000 students, 2,500 residents and 50 SMEs.

And that's just today... the Precinct of tomorrow is already coming out of the ground, with almost \$250m of private development underway within Lumina, our 9.5ha commercial cluster of development-ready GCHKP sites.

The data proves we're a smart investment in Australia's fastest-growing major city—the Gold Coast, a globally renowned lifestyle destination boasting a stable, diversifying economy, competitive taxes and a skilled workforce.

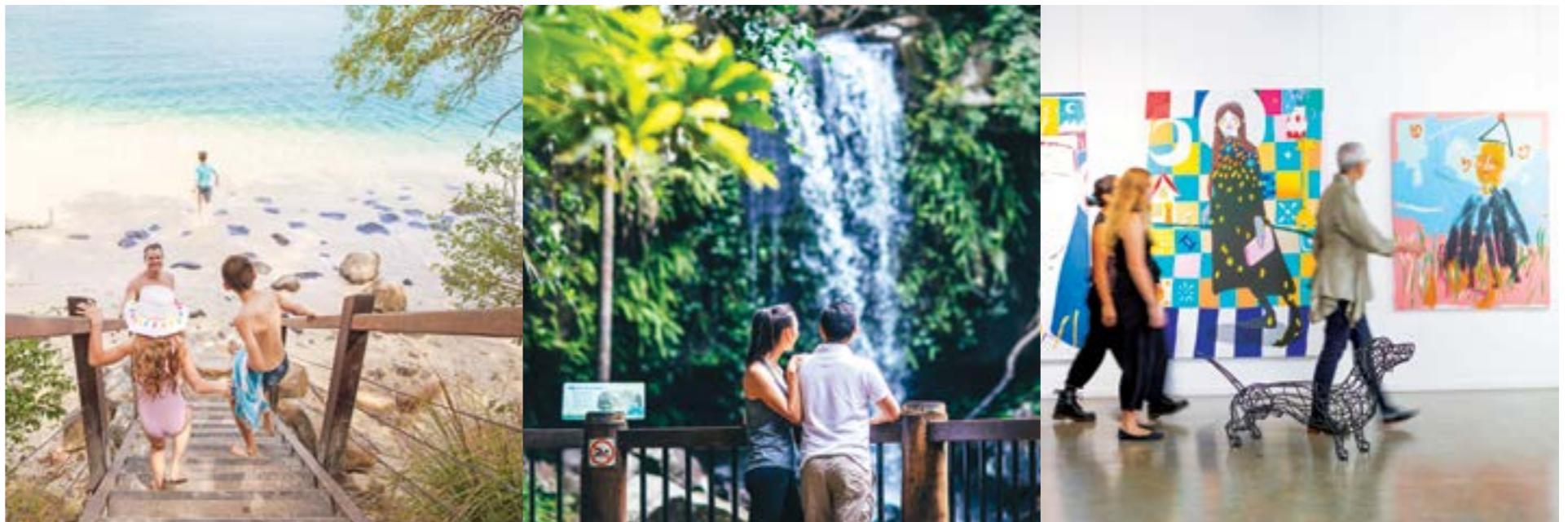


## AUSTRALIA'S GOLD COAST

**The Gold Coast is Australia's fastest-growing major city, a hub of opportunity transforming into a global destination and home to more than 665,000 people.**

Boasting an enviable way of life and stunning coastal environments, the Gold Coast is a natural fit for innovators and a lifestyle magnet for global talent.

The city hosted the 2018 Commonwealth Games and will co-host the 2032 Summer Olympic and Paralympic Games alongside Queensland's capital Brisbane.



## TOP 10 REASONS TO DO BUSINESS ON THE GOLD COAST

### 1 Fast-growing knowledge economy

The value of our knowledge sector is growing 10% faster than the Australian average.

### 2 Entrepreneurial culture

5,000 new knowledge economy businesses were added in FY2021-22.

### 3 Low unemployment

The Gold Coast is tracking about 1% below the Australian average.

### 4 A tourism destination

In 2019, the Gold Coast welcomed more than 1m international visitors and 4.2m domestic and interstate visitors.

### 5 Perfect climate

The Gold Coast averages 10 hours of sunshine a day on almost 300 days per year.

### 6 Natural beauty

The city boasts 52km of coastline and 100,000ha of nature reserves, world heritage sites and substantial rainforest (as well as more waterways than Venice!)

### 7 Great dining

We're home to 24 Australian Good Food Guide-hatted restaurants.

### 8 A hot arts scene

The Gold Coast has a year-round calendar of cultural events, live performances and gallery exhibitions and our transformative arts precinct HOTA includes an 1,800-seat lyric theatre, outdoor stage and six-level gallery.

### 9 Transport

Serviced by two international airports—Brisbane and Gold Coast—and Queensland's first light rail system.

### 10 Education options

Home to three universities and some of Queensland's best secondary schools.



### 1 COHORT INNOVATION SPACE

Cohort—Queensland's largest co-working and innovation space—is a hub for Precinct innovators, incubators, entrepreneurs, accelerators, mentors and investors.

The facility has expanded three times since opening to comprise three buildings, 45 co-working desks, PC1 and PC3 labs, 29 private offices, a boardroom, an AI lab and a 150-person event space.



### 2 GOLD COAST PRIVATE HOSPITAL

A 314-bed, 21-theatre private hospital that opened in 2016 and was expanded two years later to include a day surgery centre and 30-bed urology and bariatrics ward.



### 3 QUEENSLAND ACADEMY FOR HEALTH SCIENCES

A selective-entry secondary school for high achievers offering an International Baccalaureate Diploma and tertiary STEM prep programs.



### 4 LUMINA

Lumina is a 9.5ha commercial cluster of development-ready GCHKP sites owned by the Queensland Government dedicated to life science, health and technology businesses.



### 5 SMITH COLLECTIVE

Australia's first built-to-rent community and retail hub, established from the colourful Athletes Village of the Gold Coast 2018 Commonwealth and home to more than 2,500 residents.



### 6 SOUTHPORT SHARKS

A leading sport, leisure and entertainment venue, comprising a multi-purpose event centre, restaurants, two AFL-grade ovals and the boutique 120-room Mantra at Sharks hotel with Aviary Rooftop Bar.



### 7 GOLD COAST UNIVERSITY HOSPITAL

The 750-bed, seven-buildings Gold Coast University Hospital is ranked no. 6 in Australia and in the top 250 hospitals worldwide. GCUH is one of Queensland's largest clinical teaching and research facilities and is the first Australian health service to earn Magnet Recognition for nursing and midwifery excellence.

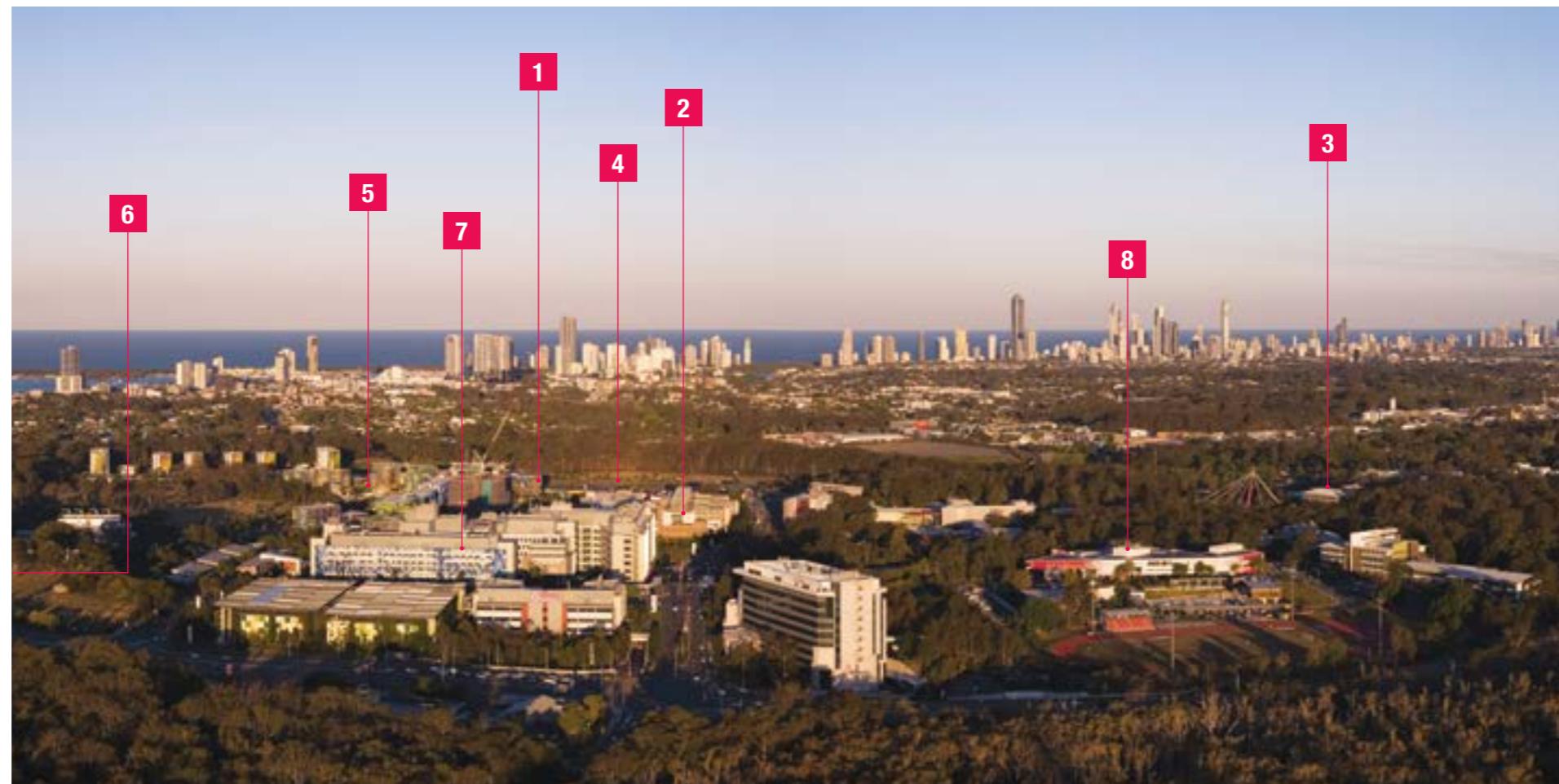


### 8 GRIFFITH UNIVERSITY

Ranked in the top 2% of universities worldwide, Griffith University is a thriving research institution with a commensurate reputation for teaching excellence.

In the 2022 ShanghaiRanking's Global Ranking of Academic Subjects, Griffith was rated no. 1 in Australia and no. 2 worldwide for nursing and midwifery.

Griffith was also rated 'well above world standard' in 20 fields (including Macromolecular and Materials Chemistry, Materials Engineering, Nanotechnology, Mechanical Engineering and Medical Microbiology) in the Australian Research Council's 2018 Excellence in Research for Australia (ERA) rankings.



**\$5BN+**  
of health, education, transport and residential infrastructure

**\$3.4BN**  
value-add to Queensland

**9.5HA**  
of leasable Lumina commercial land

**23,000SQM+**  
of under-construction commercial and research space

**7HA**  
of tailored greenspaces and parkland

**30+**  
dining and retail tenants

**1,262**  
new residential apartments

**50+**  
SMEs

**15,000+**  
jobs

**120+**  
current clinical trials

**20,000+**  
students

**2,500+**  
residents

**1,000+**  
researchers

**800+**  
research students

**7,500+**  
clinicians

## UNDER CONSTRUCTION



**The Precinct's 9.5ha Lumina commercial cluster is curated to empower collaboration and innovation that transforms lives, featuring lot sizes up to 21,000sqm GFA and building heights of 8-10 storeys.**

Iconic Gold Coast land is currently available for development within the Lumina commercial cluster. We welcome proposals from companies and developers that demonstrate significant value add to the GCHKP commercial ecosystem.

**THERE'S ALREADY \$250 MILLION OF PRIVATE DEVELOPMENT UNDERWAY ON LUMINA LAND, INCLUDING:**



### PROXIMA—CHILDREN'S HEALTH AND EDUCATION CENTRE OF EXCELLENCE

- allied health tenants with a paediatrics focus
- a 200-place Sanctuary Early Learning Adventure childcare centre
- 8 storeys, 11,500sqm of leasable floor space.

Project budget: \$80m+  
Opening 2024



### RDX—LIFE SCIENCE, RESEARCH AND INNOVATION CENTRE OF EXCELLENCE

- a hub for life sciences, digital health and health technology research and commercialisation
- proposed footbridge link to Gold Coast Private Hospital
- 8 storeys, 12,000sqm of leasable floor space
- 6-star Green Star rated.

Project budget: \$154m  
Opening 2025

## KEY PRECINCT CAPABILITIES



ADVANCED DESIGN AND PROTOTYPING



MEDTECH, VACCINES, DRUGS AND DIAGNOSTICS



NEW MATERIALS AND SENSOR TECHNOLOGIES



NEUROVASCULAR TREATMENTS AND TECHNOLOGIES



ADVANCED NEURO-REHABILITATION



TOURISM AND HOSPITALITY RESEARCH



ARTIFICIAL INTELLIGENCE AND DIGITAL HEALTH



SPORTS TECHNOLOGY



CLINICAL TRIALS



ENVIRONMENTAL SOLUTIONS



NURSING, MIDWIFERY AND ALLIED HEALTH



AEROSPACE



## GCHKP INDUSTRIES

**GCHKP hosts a range of successful companies and research institutes innovating and commercialising tech such as 3D printing, medical devices, blockchain, healthcare AI and glycomics-led drug development.**



### BiVACOR

BiVACOR has developed the world's first rotary total artificial heart (TAH), painstaking work carried out between the company's US headquarters and their GCHKP premises, where they collaborate with Griffith University's world-class Mechanobiology Lab.

Their breakthrough maglev TAH has attracted more than AUD\$65m in funding to date and soon enters human trials.

*"Coming back from the US, where we work very closely with the world-renowned Texas Heart Institute, to see the expansion of the Gold Coast Health and Knowledge Precinct made it really attractive for us to bring our technology back here to work with a world-leading laboratory at Griffith."*

DANIEL TIMMS, Founder and CTO, BiVACOR



### HEAROES

Hearoies, the 2021 LuminaX HealthTech Accelerator Startup of the Year, produces an auditory training app for cochlear implant and hearing aid recipients that gamifies the learning of new sounds.

#### GOOD KNOWLEDGE:

Hearoies founder Elliot Miller is a Griffith University graduate in Game Design born with profound deafness, who designed the initial version of the app to adapt to his own cochlear implant.



### MATERIALISE (NASDAQ: MTLS)

The Australian HQ of pioneering Belgian 3D printing technology firm Materialise opened in 2019 in GCHKP, a strategic co-location with Griffith University's ADaPT facility (see opposite). Materialise has pioneered numerous breakthrough medical and industrial applications for 3D printing and maintains a footprint in more than 20 countries.

*"Ever since our move to Griffith University and the warm welcome at GCHKP, our engagement and collaboration has become stronger. Griffith University's ADaPT team is our key partner in academia in Australia; being co-located has assisted our team and the ADaPT team to work very closely in education, research, and innovation."*

MONICA RUSSELL  
Account Manager, MEDICAL, MATERIALISE AUSTRALIA



### TYMLEZ (ASX: TYM)

TYMLEZ applies blockchain tech to develop enterprise-grade software solutions that monitor and verify green energy and carbon economy transactions. Their suite of products enables transparent and auditable decarbonisation measures across all industries.



### DATARWE

Datarwe is a public-private collaboration between healthcare providers and leading health sector partners for the clinical application of data and medical AI in predictive tools.

Their flagship product, the Clinical Data Nexus, is recognised as the most comprehensive acute care medical research data platform in the world.

#### GOOD KNOWLEDGE:

There are four PhDs on the Datarwe team, plus two PhD candidates. The company's datasets and analysis have also contributed to research papers published in The New England Journal of Medicine and the International Journal of Medical Informatics.



### NEUTEX IMAGE-GUIDED THERAPY SURGICAL AND ROBOTICS TRAINING CENTRE

Neutex is a world-first facility for training physicians and innovating imaging-led technologies and robotics in treatments for stroke, cardiovascular disease, cancer and spinal conditions.

Global healthcare leader Philips partnered with Gold Coast University Hospital interventional neuroradiologists Dr Hal Rice and Dr Laetitia de Villiers to equip Neutex, which is centered on their cutting-edge Azurion image-guided therapy system.

*"The Gold Coast Health and Knowledge Precinct is a key hub to access a huge part of the world—the entire Asia-Pacific region. It's super-important for us to collaborate with leading physicians here, because they're so actively involved in pushing forward the envelope."*

ATUL GUPTA  
Chief Medical Officer for Image-Guided Therapy, PHILIPS



### LUMINAX HEALTHTECH ACCELERATOR

The annual LuminaX HealthTech Accelerator is a competitive program that validates and commercialises early-stage, high-growth startups applying tech or AI solutions to healthcare, medtech and wellness.

The accelerator delivers comprehensive support to founders through an immersive education program designed to speed growth and fast-track connections with mentors, investors and customers.

#### GOOD KNOWLEDGE:

In its first two years, LuminaX has accelerated 21 Australian startups with \$1.2m in direct capital through a network of VC partners and mentors, plus an additional \$2m post-program capital raise.



## GRIFFITH UNIVERSITY R&D INSTITUTES AND FACILITIES

### INSTITUTE FOR GLYCOMICS

The Institute for Glycomics is a flagship Australian biomedical research institute driving the global pipeline for discovery of next-generation drugs and vaccines.

Targeting diseases of global impact such as cancer, infectious diseases and neurodegenerative disorders, the Institute commercialises its technologies through partnerships with domestic and international biotechnology firms including LimmaTech Biologics, INOVIQ, Olymavax, Lilly and Sirtex.

*"The Gold Coast is now establishing itself as a biomedical research hub and all of the translational facilities are already in place. I have no doubt that the Gold Coast Health and Knowledge Precinct will be seen as a world-leading research precinct."*

PROFESSOR MARK VON ITZSTEIN  
Founding Director, INSTITUTE FOR GLYCOMICS

### ADaPT (ADVANCED DESIGN & PROTOTYPING TECHNOLOGIES)

ADaPT is a hybrid R&D and industry engagement institute within Griffith University, specialising in additive manufacturing and 3D printing.

The facility's multidisciplinary team collaborates with sector leaders to push the boundaries of Industry 4.0 manufacturing techniques such as digital twinning, 3D metal printing, new materials nanoscience and 3D bioprinting.

### MENZIES HEALTH INSTITUTE QUEENSLAND

Driven by global clinical partnerships, the Menzies Health Institute Queensland (MHIQ) develops and tests improvements to health and wellbeing within three overarching programs: Disability and Rehabilitation, Healthcare Practice and Survivorship, and Infectious Diseases and Immunology.

**GOOD KNOWLEDGE:**  
The Griffith Centre for Biomedical and Rehabilitation Engineering (GCORE) within Menzies is home to research projects developing new tech for spinal cord injury rehabilitation, virtual surgeries and mechanobiological orthopaedic treatments.

### CLINICAL TRIALS UNIT

Griffith University's Clinical Trials Unit has successfully conducted more than 50 trials across Phases I to IV and various disease states (including rare diseases, medical devices and healthy volunteer trials) for clients including global pharma firms and the bioscience and nutraceutical industries.

**GOOD KNOWLEDGE:**  
GCHKP's clinical trials capacity also comprise Gold Coast University Hospital (which in 2023 managed 47 trials across 24 clinical departments involving 562 patients) and Gold Coast Private Hospital, which accommodates Phase 1b to IV trials.

## HOW TO ENGAGE WITH GCHKP

The dedicated GCHKP office works on behalf of the Queensland Government, City of Gold Coast, Griffith University and Gold Coast Health to deliver a world-class hub of knowledge, innovation, employment and investment.

Our team welcome discussion with potential Precinct partners, tenants and stakeholders relating to:

- New developments
- Business occupancy
- Startup companies
- Research partnerships
- Talent opportunities
- Investment incentives.



artist's impression: the **Gold Coast Health and Knowledge Precinct** of the future

## CONTACTS



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### FOR GENERAL ENQUIRIES

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