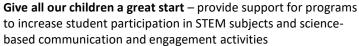
# Office of the Queensland Chief Scientist

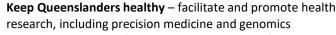
# Strategic Plan 2018-2021

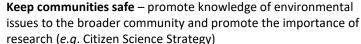
Our vision is a community who values, embraces, and engages in science, supported by world-leading collaborative researchers and a dynamic knowledge economy which creates jobs, keeps Queenslanders healthy, and protects our unique environment

# Our contribution to 'Our Future State: Advancing Queensland's Priorities':









**Protect the Great Barrier Reef** – assist the contribution by science to reducing climate change impacts (e.g. coral bleaching); foster avenues for reduced pollution from sediment and nutrient load **Be a responsive government** – engage with science stakeholders; work to improve the role of the government in research collaboration partnerships and engagement with external parties

### Our purpose:

We lead the development of science strategy across government, as well as promoting Queensland science and research, and engaging with science and innovation stakeholders to increase research collaboration and to maximise the contribution by science to an innovative and knowledge-based economy

### To achieve our objectives, we will:

#### **Queensland science promotion:**

- report on the status of science in Queensland
- publish R&D expenditure by the Queensland Government
- promote events and activities by recipients of Engaging Science Grants
- attend and speak at STEM-based events (Queensland Chief Scientist)
- provide training for scientists through Partner Up QLD to increase their communication/ networking skills and career development potential
- promote science through the OQCS website, newsletter, social media, and events (e.g. Young Tall Poppy science awards)

#### Science engagement:

- develop and launch a citizen science strategy and grants program
- deliver OQCS National Science Week events and activities across Queensland
- support the Queensland Museum to deliver World Science Festival events and activities in Brisbane and regional areas
- support Inspiring Australia to deliver STEM-related events and activities
- support programs which encourage student participation in STEM
- develop/maintain strong State/national/international scientific partnerships

#### Science strategy:

- review/revise science and research priorities/investment decision rules
- provide advice and strategic direction on development of critical strategies, including Advance Queensland and the AQ Expert Panel
- review opportunities in science and research for the State
- identify and facilitate opportunities to leverage funding for R&D
- work with the DVC-Rs to identify and develop priority initiatives
- develop/ promote Queensland Government principles for research collaboration and engagement and help develop supporting interfaces
- work with universities to develop a framework for collaboration
- focus on effective solutions to the State's major scientific challenges

#### Ideas into action

- Challenge the norm and suggest
- · Encourage and embrace new ideas

#### Unleash potential

- · Expect greatness
- Lead and set clear expectations

#### Be courageous

Own your actions, successes

difficult

- and mistakes · Take calculated risks

Our challenges and risks:

Measures of success:

• increased research impact through the creation of knowledge

- greater collaboration by groups within the sector and with

acknowledgement of the role of the Queensland Chief Scientist

• a flourishing Queensland science and research sector with:

- improved research translation with State-wide benefits

greater participation and enrolment in STEM subjects

• shape the future for the next generation of STEM workers

help solve our major scientific challenges through focussed

· increase research collaboration and engagement by the

support an environment in which Queensland has:

- the highest per capita STEM enrolments nationally

- a thriving science base and is home for world-leading

- a knowledge economy underpinned by science and innovation

· overcoming resistance to change in implementing initiatives to

maintaining capacity to keep abreast of emerging trends and

issues, and to balance a future focus with current demands

overcoming community perceptions that STEM subjects may be

increase the impact of our science and research

government, research groups, and industry

as an authoritative and valued advisor

Our opportunities:

solutions

researchers

jobs, investment attraction, and economic growth



drive research collaboration and engagement

#### Empower people

- · Lead, empower and trust
- Play to everyone's strengths · Develop yourself and those



# Department of Environment and Science



- Deliver what matters
- Make decisions with empathy



# Office of the Queensland Chief Scientist Strategic Plan

2018-2021

# Our target audience

- Whole of government
- External stakeholders including universities and other research groups
- Wider community

## Priorities

- Focussing on strategic benefit for all of QLD
- Building science capacity
- Growing and leveraging investment in science
- Fostering collaboration
- STEM engagement by community and increasing participation in STEM subjects
- Commercial outcomesEnabling platforms

# Our guiding principles

- Our Future State priorities
- Decision rules for R&D investment
- Science and research priorities
- Principles for R&D collaboration/
- Supporting co-investment, communication, collaboration, and program continuity
  Science at the heart of innovation

# Why we're here

To create a place where science matters, is embraced and valued by all, drives innovation, productivity, and jobs growth, and underpins a sustainable environment and healthy Queenslanders

# How we do it

#### By leading

- Queensland science promotion
- Science engagement
- Science strategy

# Delivering

- Engaging Queenslanders in Science Strategy
- Citizen Science Strategy
- Publications on the status of Queensland science
- Advice
- Research and policy papers
- Enhancing R&D collaboration and engagement
  Focus for impact project

# Supporting

- Our Future State priorities
- Advancing Queensland
- STEM strategy in QLD schools
- The Queensland Plan

# Linking with

- Research providers and collaborators
- Commonwealth and jurisdictional stakeholders including Australian Chief Scientist, Forum of Chief Scientists, National Research Infrastructure Roadmap, National Collaborative Research Infrastructure Strategy, Innovation and Science Australia, National Innovation Science Australia, Australian Maths & Science Partnership Program, Inspiring Australia
- State government including Queensland Museum and WoG groups such as the Advance Queensland Steering Committee, Technology Commercialisation Fund and other WoG working groups
- External stakeholders such universities, research groups, innovative companies and startups, schools, community, industry associations