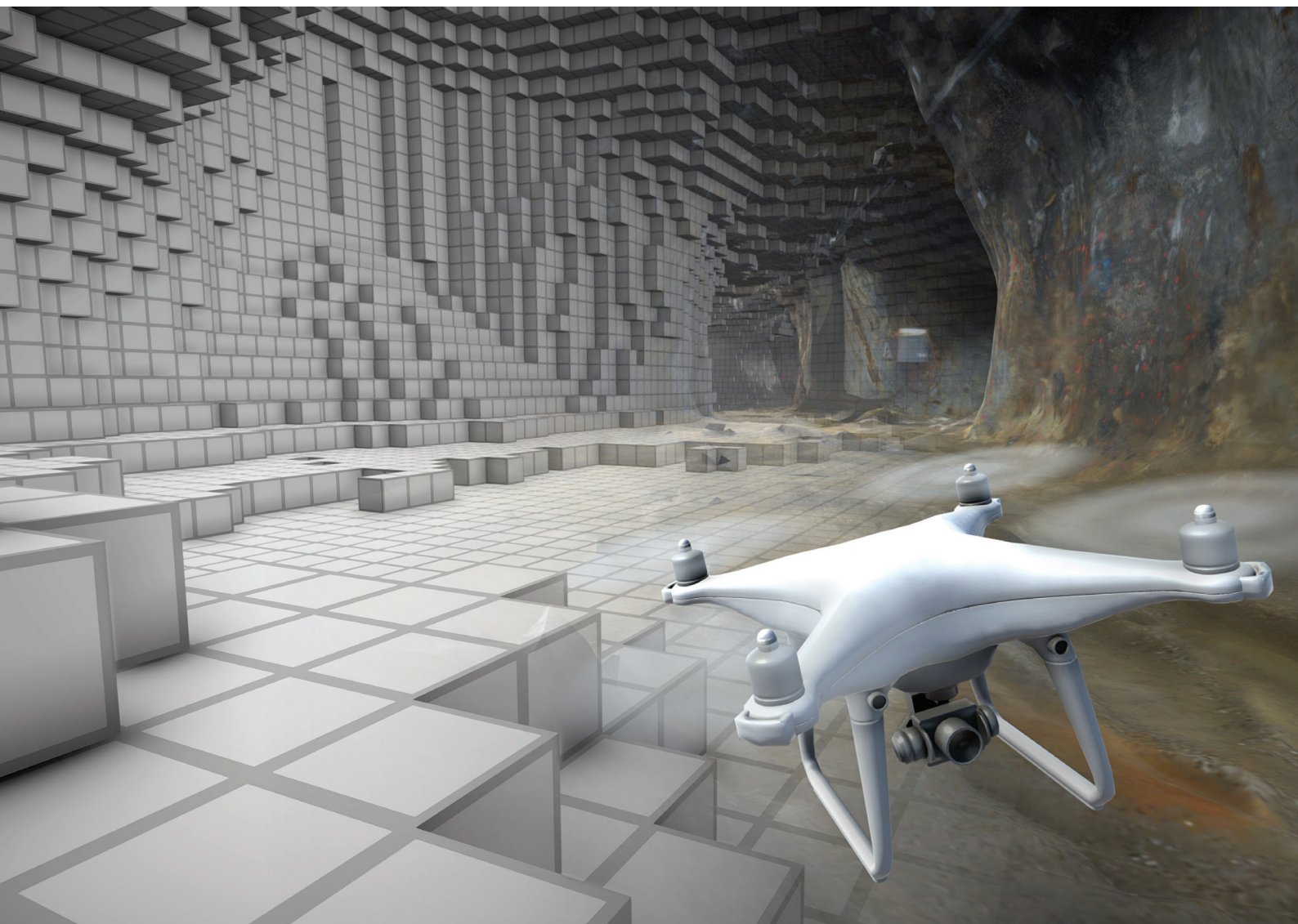




Australia's National  
Science Agency

# Challenges and missions

Solving the greatest challenges through innovative science and technology has never been more important – for our quality of life, for the economic health of our nation, and for our contribution and position in a globally competitive world.





“We’re Australia’s national science agency. At CSIRO, we solve the greatest challenges through innovative science and technology – it’s what we’ve been doing for the past 100 years.”

**Dr Larry Marshall**  
Chief Executive CSIRO.

Through science and technology we’ve created healthier Australians, a more sustainable environment, entire new industries and new jobs, and grown the wealth of the nation.

## Solving the greatest challenges

There are six challenges we are assisting the nation to overcome, and turn to Australia’s unique advantage:

### Food security and quality

We’re achieving sustainable regional food security and growing Australia’s share of the premium AgriFood markets.

### Health and wellbeing

We’re helping enhance health for all through preventive, personalised, biomedical and digital health services.

### Resilient and valuable environments

We’re enhancing the resilience, sustainable use and value of our environments, including mitigating and adapting the impacts of climate and global change.

### Sustainable energy and resources

We’re building regional energy and resource security and our competitiveness while lowering emissions

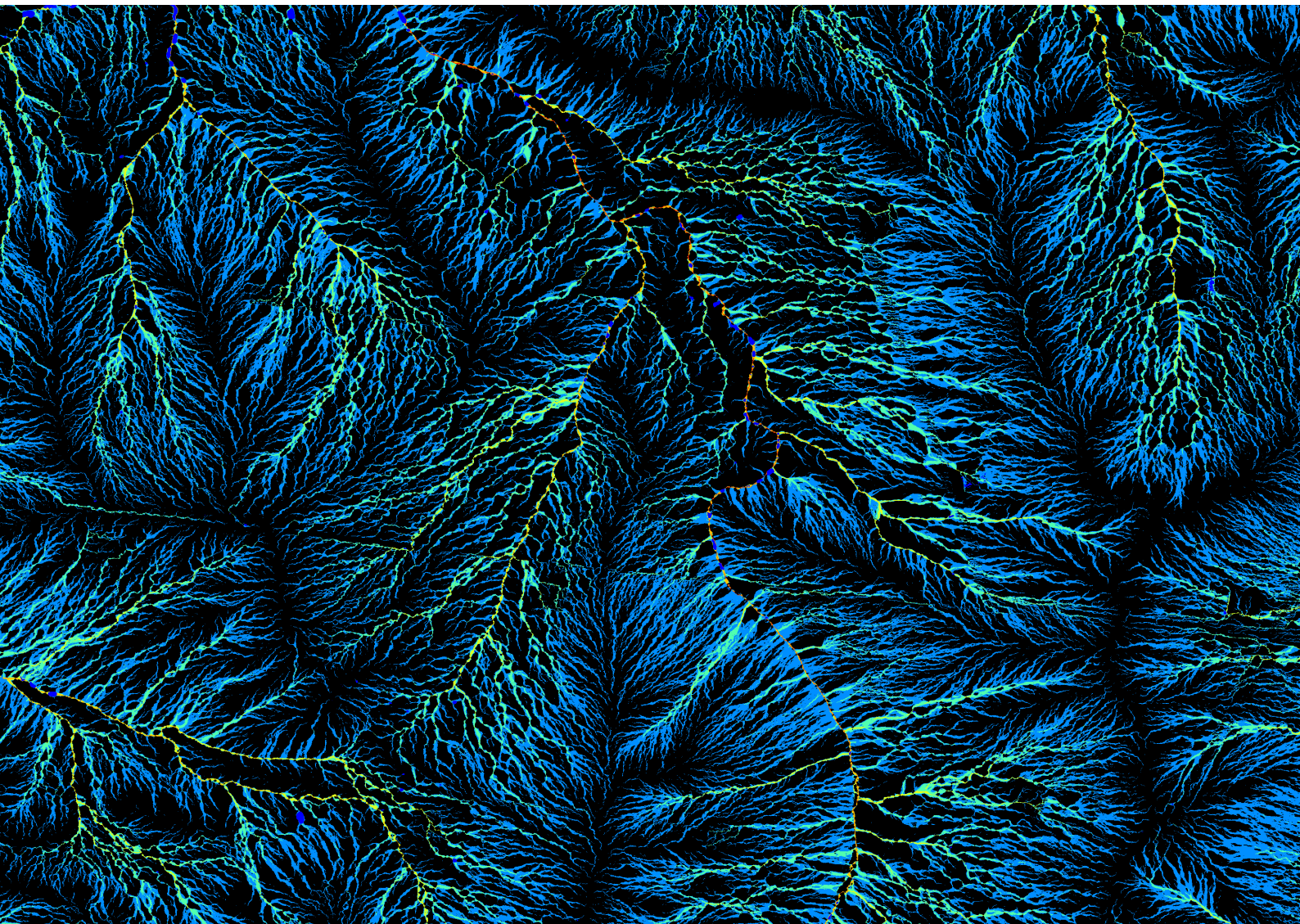
### Future industries

We’re helping create Australia’s future industries and jobs by collaborating to boost innovation performance and STEM Skills.

### A secure Australia and region

We’re helping safeguard Australia from risks – including war, terrorism, regional instability, pandemics, biosecurity, disasters and cyber-attacks.

Each of these challenges also presents an opportunity for Australia to develop new sources of economic growth, protect its landscapes and marine ecosystems, and allow future generations of Australians to enjoy an even higher standard of living than today.



## Missions

**We can’t solve these challenges alone,** we must continue to build collaborative networks across industry, government, the research sector and community.

**In addition to the science CSIRO delivers** every day, we are developing missions – major scientific and collaborative research programs aimed at making significant breakthroughs.

**These will be large-scale collaborative missions** which will amplify our nation’s capacity to solve the greatest challenges enabled by investments in digital, future science and technology, data, and our people.

**Missions will accelerate** the pace and scale at which we can solve each challenge and unlock a better future for our community, our economy and the planet.

## Creating new value

“When we all focus on the big things that really matter, Australian science and technology can solve seemingly impossible problems, and create new value for all Australians”.

**Dr Larry Marshall**

Chief Executive CSIRO.

When the community works together, we not only solve our challenges but shape our future.

For over a century, CSIRO has used science and technology to solve Australia's greatest challenges and unlock a better future for everyone.

**Join us in solving them for the next century.**

As Australia's national science agency and innovation catalyst, CSIRO is solving the greatest challenges through innovative science and technology.

CSIRO. Unlocking a better future for everyone.

### FOR FURTHER INFORMATION

Dr Marcus Zipper

Director – Challenges and Digital Transformation

03 9545 8560

[csiro.au](http://csiro.au)