



## Mission Area: Resilient & Valuable Environments

We have been working with collaborators from across industry, research and government to co-design this mission. This summary reflects the mission in development and will continue to evolve.

### *Changing the way we make, use, recycle and dispose of plastics*

The aim of this mission is to reduce 90% of plastic waste entering the environment by 2025 through collaborations, technology development and policies.

#### **Opportunity**

Each year, 90 billion tonnes of primary materials are extracted and used globally for plastics, with only 9% recycled.

Plastics are contaminating Australia's land and seas, and challenging our industries, communities and citizens. CSIRO research has already found that in Australia three-quarters of rubbish found along our coastline is plastic.

#### **Proposed mission focus**

- Revolutionising packaging and waste systems
- Behaviour change and incentives
- Waste innovation
- Supporting best practice and standards
- Information for decision making

#### **For further information contact Mission Lead**

Dr Britta Denise Hardesty at  
[CSIROenquiries@csiro.au](mailto:CSIROenquiries@csiro.au)

#### **Proposed Impact**

- Internationally competitive circular economy products and services
- Post-COVID new jobs and industries
- Significant reduction of waste in the environment
- Reduced harm to wildlife, people and communities

#### **Collaborators**

Our foundational collaborators are:

- Chemistry Australia
- Meat and Livestock Australia
- Microsoft
- New South Wales State Government
- Ocean Protect
- Standards Australia