



Did you know?

The recycling and sustainability sector is one of Australia's fastest growing industries. People who care about waste, resources, and the environment can turn that passion into a career.

Part A: Understanding the Industry

Recycling and sustainability rely on many different careers working together. These jobs help reduce waste, protect the environment, and create a circular economy.

Question:

Why do you think recycling needs more than one type of job to work effectively?

Part B: Career Clusters

Engineering & Technology

What do these professionals do?

Design recycling facilities, composting systems, and waste-to-energy plants.

List two careers in this cluster:

Which school subjects link to this cluster?



Part B: Career Clusters -cont.

Environmental Science

What do these professionals do?

Research new ways to reuse materials and protect ecosystems.

List two careers in this cluster:

Which school subjects link to this cluster?

Logistics & Operations

What do these professionals do?

Manage collection services, bin systems, and recycling plants.

List two careers in this cluster:

Which school subjects link to this cluster?

Trades & Construction

What do these professionals do?

Develop sustainable infrastructure and build, install, and maintain recycling facilities and equipment.

List two careers in this cluster:

Which school subjects link to this cluster?



Part C: Building a Recycling Team

Answer the following:

1. Which career cluster do you think is most important? Why?

2. What might happen if one of these career clusters was missing?

3. Which cluster matches your skills or interests?

Part D: Reflection

In 3–5 sentences, explain how recycling and sustainability create future job opportunities in Queensland.
