



Laureate Professor Kevin Galvin's innovations are driving economic and environmental benefits in the resources sector.

By 2050, our planet will be home to 9 billion people.



As our population grows, so does the demand for critical minerals that support industry, technology and day-to-day living.

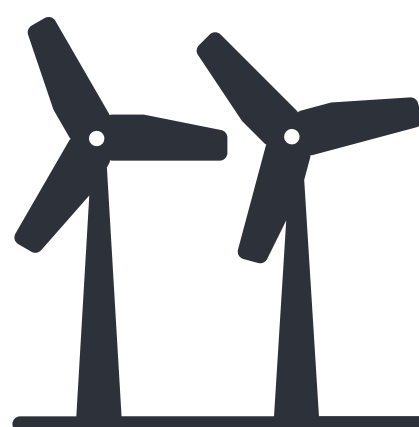


**Australia is one of the
top five producers of the
world's mineral resources.**

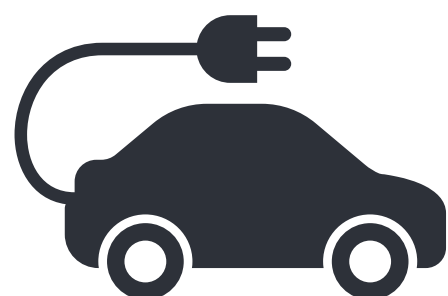
**Minerals are used in lots
of things, including:**



**mobile
phones**



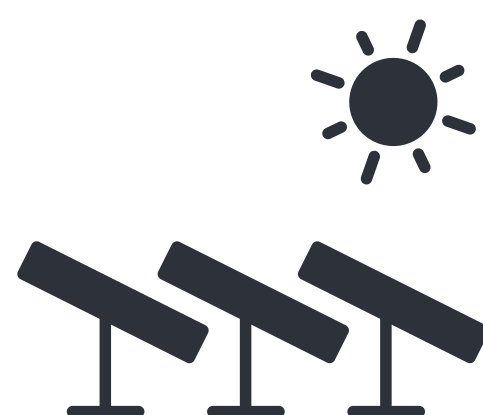
**wind
turbines**



**electric
cars**



**rechargeable
batteries**



**solar
panels**



paint

As demand for critical minerals grows, the process of recovering them needs to be more economical and environmentally sustainable.



**Professor Galvin invented
a patented industrial
machine that separates
fine mineral particles
based on density
or size.**



The REFLUX ClassifierTM

**helps companies recover high-value
product that would have otherwise been
discarded as waste, while also delivering
greater water and energy efficiency.**



**240 REFLUX
Classifiers™
have now been
installed in 15
countries.**

**These have helped process
over \$75 billion worth of
raw mineral materials.**



UNIVERSITY OF
NEWCASTLE
AUSTRALIA



YEARS
OF LOOKING AHEAD