



Square Kilometre Array

The internationally-funded \$3.1 billion radio telescope will combine 5000 dishes, spread out over a vast distance, into one giant radio antenna so powerful it can not only observe celestial objects in distant galaxies, but also look back in time to capture the evolution of the universe.

History has shown us that radio astronomy projects such as the SKA can deliver transformational advances in our scientific understanding.

[Square Kilometre Array website](#)

The SKA has the potential to generate economic development benefits to New Zealand through industry involvement in the development of major technological advances that its construction and operation requires.

These advances are expected in areas such as high speed transmission and processing of large amounts of data (estimated at 10 times the current global internet traffic), remote electricity generation and radio frequency technology.