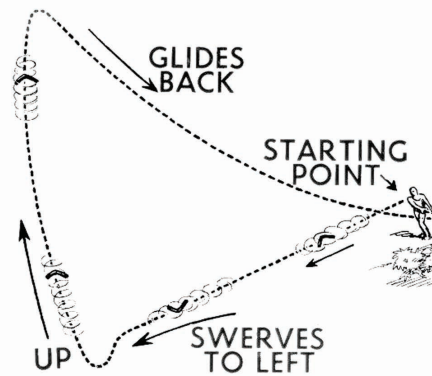
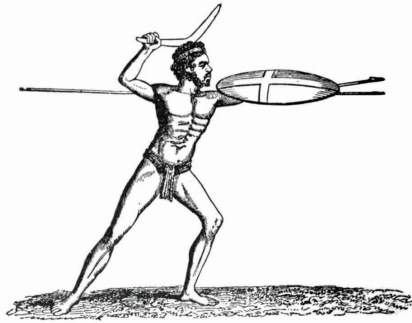
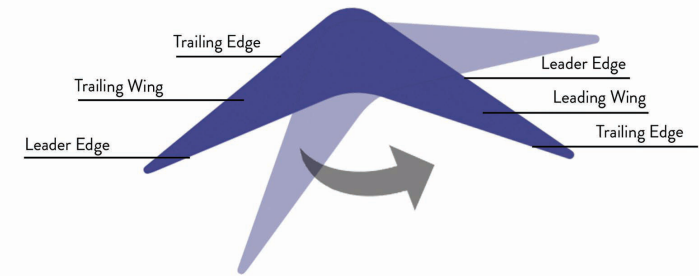


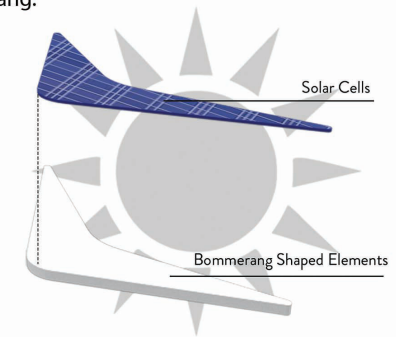
# The Path of Karma



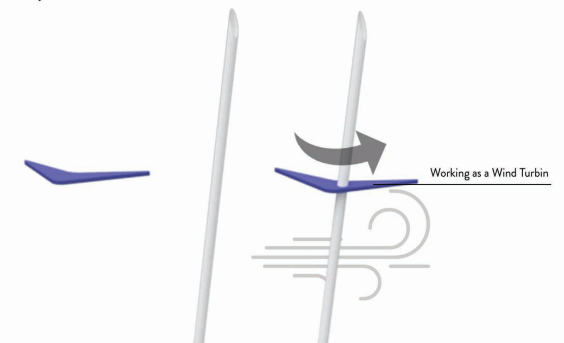
Boomerangs have been historically used for hunting, as well as a sport, and entertainment. They are commonly thought of as an Australian icon, and come in various shapes and sizes. The boomerang represents Indigenous people 60,000-year links to this land, because they've been used for as long as Indigenous nations have thrived on the Australian continent. Boomerangs play a key role in Aboriginal mythology, known as The Dreaming — mythical characters are said to have shaped the hills and valleys and rivers of the landscape by throwing the sticks around in the hunt. Evidence of how boomerangs were used can be found in 20,000-year-old rock paintings in the remote Kimberley region of north-west Western Australia, and a 10,000-year-old boomerang was even discovered in a peat bog in South Australia in 1973. Today, boomerangs are mostly used for recreation.



The boomerang is a symbol of the history of Australians. A boomerang is a thrown tool, typically constructed as a flat airfoil, which is designed to spin about an axis perpendicular to the direction of its flight. A returning boomerang is designed to return to the thrower. It is well known as a weapon used by Indigenous Australians for hunting. The diagram shows the different parts of a boomerang.



The Boomerangs are photovoltaic solar generators. They also spin around the metal axis. When the weather is sunny, boomerangs get solar energy. The area of each solar panel is 6m<sup>2</sup> (7m length and 3m height) These 330w boomerang shaped panels, could be made from recycled plastic. The angle of the panel relative to the sun is set so that the solar energy is most consumed in this region (38.5 degrees northward is the best). About 120 panels are placed in this installation which can generate about 200MWh energy in a year.



When the wind blows, the boomerangs spin about the metal axis, like a wind turbine, and the sculpture receives the wind energy. The wind energy generated by the boomerangs, which are placed in different heights and positions is about 160MWh energy in a year. The metal path is also made of renewable steel.